Appendix E

Field Sampling Notes – Groundwater and Soil

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-15-61D			Date	2-13-21
Project Name/Location		Ford LTP		Weather	17.6 degrees F. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	88-93	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	25.12	Total Depth (ft-bmp)	93.73	Water Column (ft.)	68.61	Gallons in Well	11.15
		Pump Intake (ft-bmp)	90.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.43				
Sample Time: Label	9:43	Volume Purged	4.8 gallons	Replicate/Code No.	--	Sampled by	Julia McClafferty
Purge Start	8:40						
Purge End	9:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:41	0	300	26.15	0.00	7.58	0.94	19.00	0.67	12.4	-25.7	Clear	No Odor
8:46	5	300	27.77	0.40	7.51	0.91	5.95	0.44	11.1	-91.8	Clear	No Odor
8:51	5	300	28.39	0.80	7.61	0.93	19.80	0.50	11.9	-108.9	Clear	No Odor
8:56	5	300	30.00	1.20	7.59	0.92	24.30	0.56	12.8	-113.9	Clear	No Odor
9:01	5	300	31.54	1.60	7.56	0.90	11.70	0.50	12.9	-115.2	Clear	No Odor
9:06	5	300	32.50	2.00	7.27	0.84	3.70	0.63	11.1	-98.7	Clear	No Odor
9:11	5	300	33.41	2.40	7.55	0.87	7.02	0.72	12.9	-113.1	Clear	No Odor
9:16	5	300	34.82	2.80	7.57	0.87	7.01	0.62	13.3	-114.6	Clear	No Odor
9:21	5	300	35.96	3.20	7.57	0.89	1.59	0.56	11.3	-114.3	Clear	No Odor
9:26	5	300	37.10	3.60	7.56	0.88	4.66	0.49	11.6	-115.4	Clear	No Odor
9:31	5	300	38.73	4.00	7.54	0.88	2.95	0.42	11.9	-115.3	Clear	No Odor
9:36	5	300	40.12	4.40	7.49	0.86	4.85	0.36	13.1	-112.0	Clear	No Odor
9:41	5	300	41.76	4.80	7.51	0.86	2.22	0.35	12.8	-112.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Sunken sand pack

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite; East of property	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-30			Date	2-13-21
Project Name/Location		Ford LTP		Weather	18.0 degrees F. The wind is blowing NE at 11.5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19-24	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.60	Total Depth (ft-bmp)	24.60	Water Column (ft.)	14.00	Gallons in Well	2.27
		Pump Intake (ft-bmp)	21.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.06				
Sample Time: Label	14:20	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:16						
Purge End	14:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	150	11.26	0.00	7.26	5.12	24.80	9.89	8.2	-7.2	Clear	No Odor
13:25	5	150	11.35	0.20	7.22	5.11	33.00	9.11	8.4	-40.4	Clear, Small Orange Particulates	No Odor
13:30	5	150	11.43	0.40	7.18	5.13	33.40	8.77	8.9	-63.2	Clear, Small Orange Particulates	No Odor
13:35	5	150	11.47	0.60	7.17	5.11	28.40	8.17	9.3	-77.2	Clear, Small Orange Particulates	No Odor
13:40	5	150	11.50	0.80	7.16	5.07	25.20	7.95	9.5	-84.0	Clear, Small Orange Particulates	No Odor
13:45	5	150	11.53	1.00	7.16	5.05	21.90	7.74	9.6	-88.5	Clear, Small Orange Particulates	No Odor
13:50	5	150	11.55	1.20	7.16	5.04	22.20	7.55	9.9	-93.0	Clear, Small Orange Particulates	No Odor
13:55	5	150	11.57	1.40	7.18	5.10	14.90	6.55	8.6	-97.3	Clear	No Odor
14:00	5	150	11.59	1.60	7.17	5.04	15.80	6.43	8.4	-100.0	Clear, Small Orange Particulates	No Odor
14:05	5	150	11.60	1.80	7.17	4.96	13.60	5.53	9.9	-106.3	Clear, Small Orange Particulates	No Odor
14:10	5	150	11.62	2.00	7.17	4.97	9.46	5.08	10.0	-107.8	Clear	No Odor
14:15	5	150	11.62	2.20	7.19	5.08	12.30	5.91	8.3	-110.5	Clear, Small Orange Particulates	No Odor
14:20	5	150	11.62	2.40	7.21	4.97	12.30	4.91	8.1	-109.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-31			Date	2-13-21
Project Name/Location		Ford LTP		Weather	17.6 degrees F. The wind is blowing NE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.80	Total Depth (ft-bmp)	21.70	Water Column (ft.)	10.90	Gallons in Well	1.77
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.02				
Sample Time: Label	11:30	Volume Purged	1.8 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	10:36						
Purge End	11:34						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	150	10.69	0.00	7.22	12.50	3.39	0.97	7.4	-80.2	Clear	No Odor
10:45	5	150	10.90	0.20	7.09	12.48	2.18	0.46	8.2	-74.3	Clear	No Odor
10:50	5	150	10.90	0.40	7.06	12.23	0.97	0.52	8.4	-76.6	Clear	No Odor
10:55	5	150	10.90	0.60	7.05	12.23	0.02	0.46	8.6	-75.3	Clear	No Odor
11:00	5	150	10.90	0.80	7.04	12.27	0.02	0.30	8.9	-74.5	Clear	No Odor
11:05	5	150	10.90	1.00	7.03	12.25	0.02	0.24	8.9	-73.2	Clear	No Odor
11:10	5	150	10.90	1.20	7.03	12.09	0.02	0.18	9.3	-73.2	Clear	No Odor
11:15	5	150	10.90	1.40	7.03	12.05	0.02	0.15	9.6	-72.7	Clear	No Odor
11:20	5	150	10.90	1.60	7.03	12.01	0.02	0.16	9.6	-72.2	Clear	No Odor
11:25	5	150	10.90	1.80	7.02	11.96	0.02	0.13	9.6	-70.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-32			Date	2-18-21
Project Name/Location		Ford LTP		Weather	21.0 degrees F and Light Snow. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	18-23	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.23	Total Depth (ft-bmp)	22.83	Water Column (ft.)	12.60	Gallons in Well	2.05
		Pump Intake (ft-bmp)	20.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.11				
Sample Time: Label	13:45	Volume Purged	2.28 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	12:47						
Purge End	13:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:50	0	180	10.62	0.00	7.16	3.85	77.00	1.35	9.8	50.0	Clear, Yellow	No Odor
12:55	5	180	10.62	0.24	7.17	3.99	44.50	0.55	10.4	45.3	Clear, Yellow	No Odor
13:00	5	170	10.62	0.48	7.17	4.02	43.30	0.41	9.8	39.4	Clear	No Odor
13:05	5	170	10.61	0.70	7.17	4.02	31.10	0.26	10.2	18.8	Clear	No Odor
13:10	5	170	10.61	0.92	7.17	4.02	26.30	0.25	10.4	11.0	Clear	No Odor
13:15	5	180	10.61	1.14	7.18	4.10	18.10	0.18	10.3	-15.1	Clear	No Odor
13:20	5	170	10.61	1.38	7.18	4.13	12.40	0.23	10.1	-20.9	Clear	No Odor
13:25	5	170	10.61	1.60	7.18	4.15	10.40	0.23	10.0	-30.2	Clear	No Odor
13:30	5	170	10.61	1.82	7.18	4.19	6.24	0.17	10.2	-41.3	Clear	No Odor
13:35	5	180	10.61	2.04	7.18	4.24	6.10	0.17	10.1	-46.2	Clear	No Odor
13:40	5	170	10.61	2.28	7.18	4.27	5.93	0.15	10.1	-50.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite South	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-33			Date	2-17-21
Project Name/Location		Ford LTP		Weather	21.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.03	Total Depth (ft-bmp)	18.72	Water Column (ft.)	9.69	Gallons in Well	1.57
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.15				
Sample Time:	Label 15:42	Volume Purged	1.8 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
	Purge Start 14:50						
	Purge End 15:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:53	0	150	9.27	0.00	7.14	3.07	83.00	1.23	5.1	21.8	Clear, Cloudy, Yellow	No Odor
14:58	5	150	9.19	0.20	7.12	3.10	99.40	0.25	9.1	27.6	Clear, Cloudy, Yellow	No Odor
15:03	5	150	9.19	0.40	7.12	3.11	66.90	0.25	8.9	33.1	Clear, Small Orange Particulates	No Odor
15:08	5	150	9.19	0.60	7.11	3.20	56.80	0.15	8.7	24.0	Clear	No Odor
15:13	5	150	9.19	0.80	7.11	3.25	44.00	0.12	8.9	13.9	Clear, Small Orange Particulates	No Odor
15:18	5	150	9.19	1.00	7.10	3.34	29.00	0.09	9.3	-18.4	Clear, Small Orange Particulates	No Odor
15:23	5	150	9.19	1.20	7.10	3.35	25.30	0.12	9.5	-21.9	Clear	No Odor
15:28	5	150	9.19	1.40	7.11	3.36	13.50	0.14	9.1	-29.9	Clear, Small Orange Particulates	No Odor
15:33	5	150	9.19	1.60	7.11	3.37	12.70	0.13	9.1	-33.6	Clear	No Odor
15:38	5	150	9.19	1.80	7.11	3.34	13.10	0.14	9.2	-39.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite; South	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-34			Date	2-13-21
Project Name/Location		Ford LTP		Weather	19 degrees F and Overcast with Light Snow.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.5-21.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.00	Total Depth (ft-bmp)	21.25	Water Column (ft.)	11.25	Gallons in Well	1.83
		Pump Intake (ft-bmp)	19.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.11				
Sample Time: Label	14:41	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:37						
Purge End	14:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:40	0	125	10.60	0.00	7.28	11.15	15.00	2.52	12.0	14.2	Clear	No Odor
13:45	5	125	10.72	0.17	7.27	11.26	16.30	2.10	11.8	3.5	Clear	No Odor
13:50	5	125	10.73	0.34	7.26	11.29	16.10	1.79	11.8	-12.0	Clear	No Odor
13:55	5	125	10.75	0.51	7.27	11.31	16.20	1.60	11.9	-20.7	Clear	No Odor
14:00	5	125	10.75	0.68	7.26	11.28	13.10	1.43	11.9	-30.8	Clear	No Odor
14:05	5	125	10.80	0.85	7.24	11.27	13.50	1.24	12.0	-39.4	Clear	No Odor
14:10	5	125	10.83	1.02	7.24	11.22	11.90	1.20	12.0	-42.5	Clear	No Odor
14:15	5	125	10.85	1.19	7.24	11.15	10.40	1.15	12.2	-49.3	Clear	No Odor
14:20	5	125	10.85	1.36	7.24	11.05	9.17	0.99	12.2	-53.4	Clear	No Odor
14:25	5	125	10.85	1.53	7.24	10.90	6.35	0.90	12.3	-57.7	Clear	No Odor
14:30	5	125	10.85	1.70	7.24	10.91	5.63	0.88	12.2	-58.3	Clear	No Odor
14:35	5	125	10.85	1.87	7.24	10.82	5.17	0.79	12.3	-60.2	Clear	No Odor
14:40	5	125	10.85	2.04	7.24	10.78	5.54	0.68	12.2	-61.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-35			Date	2-13-21
Project Name/Location	Ford LTP			Weather	19.4 degrees F. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.5-24.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.91	Total Depth (ft-bmp)	24.24	Water Column (ft.)	15.33	Gallons in Well	2.49
		Pump Intake (ft-bmp)	22.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.96				
Sample Time: Label	14:18	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Julia McClafferty
Purge Start	13:15						
Purge End	14:21						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:16	0	150	9.50	0.00	8.18	1.86	18.60	0.36	12.4	-192.0	Clear	No Odor
13:21	5	150	9.91	0.20	7.94	1.84	63.20	0.18	12.3	-177.9	Clear	No Odor
13:26	5	150	9.95	0.40	7.81	1.82	93.30	0.11	11.9	-170.0	Clear, Small Black Particulates	No Odor
13:31	5	150	10.07	0.60	7.78	1.87	73.40	0.09	12.5	-170.0	Clear, Small White Particulates	No Odor
13:36	5	150	10.15	0.80	7.74	1.84	103.00	0.07	12.8	-168.9	Clear, Small White Particulates	No Odor
13:41	5	150	10.19	1.00	7.72	1.84	70.90	0.04	12.7	-168.7	Clear, Small White Particulates	No Odor
13:46	5	150	10.20	1.20	7.71	1.83	85.60	0.05	12.8	-168.3	Clear, Small White Particulates	No Odor
13:51	5	150	10.22	1.40	7.70	1.81	103.00	0.04	12.9	-167.9	Clear, Small White Particulates	No Odor
13:56	5	150	10.25	1.60	7.69	1.82	81.00	0.04	13.0	-167.3	Clear, Small White Particulates	No Odor
14:01	5	150	10.27	1.80	7.68	1.81	52.60	0.03	12.9	-167.0	Clear, Small White Particulates	No Odor
14:06	5	150	10.30	2.00	7.67	1.82	53.40	0.03	12.9	-166.7	Clear, Small White Particulates	No Odor
14:11	5	150	10.31	2.20	7.67	1.81	38.60	0.03	12.9	-166.8	Clear, Small White Particulates	No Odor
14:16	5	150	10.32	2.40	7.67	1.81	33.70	0.02	12.9	-166.9	Clear, Small White Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite; East of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-38			Date	2-17-21
Project Name/Location		Ford LTP		Weather	19.9 degrees F and Light Snow.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.05	Total Depth (ft-bmp)	19.51	Water Column (ft.)	10.46	Gallons in Well	1.70
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.71				
Sample Time:	Label 12:55	Volume Purged	1.21 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
	Purge Start 12:20						
	Purge End 13:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:21	0	180	9.34	0.00	7.61	2.27	0.02	1.85	7.6	-47.1	Clear	No Odor
12:26	5	160	9.34	0.21	7.59	2.34	0.02	0.38	9.4	-121.2	Clear	No Odor
12:31	5	150	9.32	0.41	7.59	2.33	0.02	0.30	9.0	-129.6	Clear	No Odor
12:36	5	150	9.32	0.61	7.58	2.33	0.02	0.24	9.3	-134.0	Clear	No Odor
12:41	5	150	9.32	0.81	7.58	2.30	0.02	0.18	9.2	-136.4	Clear	No Odor
12:46	5	150	9.32	1.01	7.58	2.32	0.02	0.17	9.3	-139.2	Clear	No Odor
12:51	5	150	9.32	1.21	7.58	2.33	0.02	0.48	9.3	-140.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite; South	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-39			Date	2-18-21
Project Name/Location	Ford LTP			Weather	18.0 degrees F and Light Snow. The wind is blowing N/NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.5-24.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.79	Total Depth (ft-bmp)	24.19	Water Column (ft.)	12.40	Gallons in Well	2.01
		Pump Intake (ft-bmp)	22.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.64				
Sample Time: Label	10:30	Volume Purged	1.28 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	9:45						
Purge End	10:38						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:49	0	120	11.80	0.00	7.11	4.68	13.40	2.60	8.5	126.0	Clear	No Odor
9:54	5	120	11.80	0.16	7.16	4.52	8.13	2.02	10.4	103.4	Clear	No Odor
9:59	5	120	11.80	0.32	7.20	4.33	3.54	1.39	10.6	67.7	Clear	No Odor
10:04	5	120	11.80	0.48	7.21	4.25	3.29	1.23	10.7	55.6	Clear	No Odor
10:09	5	120	11.80	0.64	7.22	4.22	0.02	1.14	10.3	44.3	Clear	No Odor
10:14	5	120	11.80	0.80	7.22	4.19	0.02	1.08	10.2	36.5	Clear	No Odor
10:19	5	120	11.80	0.96	7.22	4.17	0.02	0.85	10.3	27.8	Clear	No Odor
10:24	5	120	11.80	1.12	7.22	4.14	0.02	0.89	10.3	21.0	Clear	No Odor
10:29	5	120	11.80	1.28	7.22	4.15	0.02	0.82	10.4	18.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite South	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-40			Date	2-13-21
Project Name/Location		Ford LTP		Weather	17.6 degrees F. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.50	Total Depth (ft-bmp)	19.60	Water Column (ft.)	9.10	Gallons in Well	1.48
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.49				
Sample Time: Label	9:50	Volume Purged	2.2 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	8:43						
Purge End	9:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:50	0	150	10.82	0.00	6.98	14.94	30.90	1.59	10.9	-32.2	Clear	No Odor
8:55	5	150	10.78	0.20	6.98	14.80	17.70	1.25	11.0	-38.8	Clear	No Odor
9:00	5	150	10.78	0.40	6.98	14.79	15.10	1.14	11.0	-42.7	Clear	No Odor
9:05	5	150	10.78	0.60	6.98	14.76	11.20	1.03	11.1	-50.2	Clear	No Odor
9:10	5	150	10.78	0.80	6.98	14.63	7.94	0.86	11.5	-57.0	Clear	No Odor
9:15	5	150	10.78	1.00	6.97	14.67	7.75	0.76	11.4	-62.3	Clear	No Odor
9:20	5	150	10.78	1.20	6.97	14.68	5.24	0.71	11.3	-65.9	Clear	No Odor
9:25	5	150	10.78	1.40	6.97	14.62	4.86	0.58	11.5	-70.3	Clear	No Odor
9:30	5	150	10.78	1.60	6.97	14.60	3.24	0.52	11.4	-72.0	Clear	No Odor
9:35	5	150	10.78	1.80	6.97	14.68	3.40	0.42	11.6	-73.6	Clear	No Odor
9:40	5	150	10.78	2.00	6.97	14.55	2.43	0.38	11.6	-75.9	Clear	No Odor
9:45	5	150	10.78	2.20	6.97	14.52	1.98	0.29	11.6	-77.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite South East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-41			Date	2-13-21
Project Name/Location		Ford LTP		Weather	17.6 degrees F. The wind is blowing NE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.01	Total Depth (ft-bmp)	20.79	Water Column (ft.)	10.78	Gallons in Well	1.75
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.37				
Sample Time: Label	11:26	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:23						
Purge End	11:36						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:25	0	150	10.01	0.00	7.25	14.03	46.80	0.72	9.9	-49.6	Turbid	Faint Odor
10:30	5	150	10.14	0.20	7.25	13.97	44.60	0.61	10.1	-52.2	Turbid	Faint Odor
10:35	5	150	10.15	0.40	7.25	13.96	45.60	0.51	10.5	-54.9	Clear, Turbid	Faint Odor
10:40	5	150	10.15	0.60	7.25	13.92	42.00	0.42	10.5	-57.8	Clear, Turbid	Faint Odor
10:45	5	150	10.15	0.80	7.25	13.89	40.80	0.41	10.7	-58.1	Clear, Turbid	Faint Odor
10:50	5	150	10.16	1.00	7.25	13.92	33.40	0.36	10.5	-60.0	Clear, Cloudy	Faint Odor
10:55	5	150	10.16	1.20	7.25	14.00	32.50	0.33	10.8	-62.1	Clear, Cloudy	Faint Odor
11:00	5	150	10.18	1.40	7.25	14.00	29.80	0.33	10.8	-63.1	Clear	Faint Odor
11:05	5	150	10.18	1.60	7.25	13.98	27.50	0.34	10.7	-64.0	Clear	Faint Odor
11:10	5	150	10.18	1.80	7.25	14.01	26.90	0.31	11.0	-63.9	Clear	No Odor
11:15	5	150	10.18	2.00	7.25	13.99	23.70	0.30	11.0	-65.2	Clear	Faint Odor
11:20	5	150	10.18	2.20	7.25	13.98	21.30	0.27	11.2	-65.8	Clear	Faint Odor
11:25	5	150	10.18	2.40	7.25	13.99	19.60	0.28	10.9	-67.4	Clear	Faint Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-42			Date	2-13-21
Project Name/Location	Ford LTP			Weather	17.6 degrees F. The wind is blowing NE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.65	Total Depth (ft-bmp)	20.44	Water Column (ft.)	10.79	Gallons in Well	1.75
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.91				
Sample Time: Label	11:17	Volume Purged	1.6 gallons	Replicate/Code No.	MW-42-MS_021321, MW-42-MSD_021321	Sampled by	Julia McClafferty
Purge Start	10:33						
Purge End	11:24						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:34	0	150	9.83	0.00	7.64	20.98	5.18	1.89	12.6	-229.8	Clear	No Odor
10:39	5	150	9.79	0.20	7.28	21.04	6.44	0.75	10.9	-163.3	Clear	No Odor
10:44	5	150	9.80	0.40	7.20	20.55	6.06	0.58	11.1	-145.2	Clear	No Odor
10:49	5	150	9.80	0.60	7.16	20.06	6.08	0.95	11.6	-136.3	Clear	No Odor
10:54	5	150	9.80	0.80	7.15	19.89	4.00	0.22	11.2	-134.2	Clear	No Odor
10:59	5	150	9.80	1.00	7.14	19.57	3.58	0.22	11.3	-127.6	Clear	No Odor
11:04	5	150	9.80	1.20	7.17	19.27	0.02	0.25	11.7	-123.9	Clear	No Odor
11:09	5	150	9.80	1.40	7.17	19.02	0.02	0.23	11.6	-122.1	Clear	No Odor
11:14	5	150	9.80	1.60	7.17	18.81	0.02	0.25	11.6	-120.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite; East of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-43			Date	2-13-21
Project Name/Location		Ford LTP		Weather	17.6 degrees F. The wind is blowing NE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.82	Total Depth (ft-bmp)	21.74	Water Column (ft.)	12.92	Gallons in Well	2.10
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.64				
Sample Time: Label	11:45	Volume Purged	1.34 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	11:10						
Purge End	11:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:11	0	180	9.06	0.00	7.23	12.56	54.00	11.65	10.1	-15.1	Clear, Yellow	No Odor
11:16	5	170	9.02	0.24	7.20	13.07	52.40	5.63	10.7	-57.5	Clear, Small Orange Particulates	No Odor
11:21	5	170	9.02	0.46	7.21	13.09	49.10	0.45	10.0	-66.1	Clear, Small Orange Particulates,	No Odor
11:26	5	170	9.02	0.68	7.22	13.03	45.90	0.57	10.0	-75.0	Clear	No Odor
11:31	5	170	9.03	0.90	7.23	13.10	40.00	1.08	9.5	-80.0	Clear, Small Orange Particulates	No Odor
11:36	5	170	9.03	1.12	7.24	13.16	40.20	0.98	9.4	-82.1	Clear, Small Orange Particulates	No Odor
11:41	5	170	9.03	1.34	7.24	13.11	40.00	1.01	9.4	-85.1	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-45			Date	2-12-21
Project Name/Location		Ford LTP		Weather	17.6 degrees F. The wind is blowing N/NE at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.61	Total Depth (ft-bmp)	19.70	Water Column (ft.)	8.09	Gallons in Well	1.31
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.31				
Sample Time: Label	11:50	Volume Purged	1.72 gallons	Replicate/Code No.	DUP-03	Sampled by	Christina Weaver
Purge Start	11:03						
Purge End	12:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	180	11.73	0.00	7.19	5.62	113.00	11.55	13.2	18.3	Cloudy, Small Orange Particulates,	No Odor
11:10	5	170	11.69	0.24	7.15	5.42	43.40	10.09	13.1	1.5	Clear, Small Orange Particulates	No Odor
11:15	5	160	11.68	0.46	7.15	5.38	66.10	9.63	12.8	-20.1	Clear, Small Orange Particulates	No Odor
11:20	5	160	11.68	0.67	7.15	5.37	55.00	9.50	12.9	-24.3	Clear, Small Orange Particulates	No Odor
11:25	5	160	11.68	0.88	7.15	5.36	34.30	9.09	13.2	-33.6	Clear, Small Orange Particulates	No Odor
11:30	5	160	11.68	1.09	7.15	5.37	37.80	0.25	13.2	-40.8	Clear, Small Orange Particulates	No Odor
11:35	5	160	11.68	1.30	7.15	5.37	25.70	0.15	13.2	-45.2	Clear, Small Orange Particulates	No Odor
11:40	5	160	11.68	1.51	7.15	5.37	26.30	0.20	13.4	-50.4	Clear, Small Orange Particulates	No Odor
11:45	5	160	11.68	1.72	7.15	5.38	24.50	0.16	13.3	-54.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite; South of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-46			Date	2-18-21
Project Name/Location	Ford LTP			Weather	25.0 degrees F and Cloudy. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.14	Total Depth (ft-bmp)	19.65	Water Column (ft.)	8.51	Gallons in Well	1.38
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.09				
Sample Time: Label	15:20	Volume Purged	2.88 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	14:15						
Purge End	15:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:18	0	180	11.61	0.00	7.33	40.23	66.20	8.80	10.4	62.3	Clear, Small Black Particulates	No Odor
14:23	5	180	11.78	0.24	7.37	35.51	44.80	9.20	10.9	56.4	Clear, Small Black Particulates	No Odor
14:28	5	180	11.79	0.48	7.40	29.06	43.00	1.75	10.7	40.3	Clear, Small Black Particulates	No Odor
14:33	5	180	11.79	0.72	7.41	28.45	35.30	0.78	10.5	28.8	Clear	No Odor
14:38	5	180	11.79	0.96	7.42	27.58	27.30	0.74	10.0	24.3	Clear, Small Black Particulates	No Odor
14:43	5	180	11.79	1.20	7.43	25.58	21.60	0.59	10.3	19.1	Clear, Small Black Particulates	No Odor
14:48	5	180	11.79	1.44	7.43	24.42	18.20	0.57	10.2	15.9	Clear, Small Black Particulates	No Odor
14:53	5	180	11.79	1.68	7.43	24.06	14.20	0.49	10.1	16.0	Clear, Small Black Particulates	No Odor
14:58	5	180	11.79	1.92	7.42	22.83	9.53	0.47	10.0	10.8	Clear, Small Black Particulates	No Odor
15:03	5	180	11.79	2.16	7.42	22.07	9.41	0.46	10.3	8.7	Clear	No Odor
15:08	5	180	11.79	2.40	7.41	21.55	8.76	0.44	10.2	6.3	Clear	No Odor
15:13	5	180	11.79	2.64	7.41	21.11	5.38	0.40	10.2	4.6	Clear	No Odor
15:18	5	180	11.79	2.88	7.41	20.59	4.89	0.35	10.2	3.2	Clear, Small Black Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite central west	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-47			Date	2-18-21
Project Name/Location		Ford LTP		Weather	25.0 degrees F and Light Snow. The wind is blowing N/NE at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.70	Total Depth (ft-bmp)	19.99	Water Column (ft.)	9.29	Gallons in Well	1.51
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.95				
Sample Time: Label	17:36	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	17:00						
Purge End	17:42						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
17:04	0	180	10.94	0.00	7.12	9.17	5.75	1.34	11.1	48.2	Clear	No Odor
17:09	5	180	10.82	0.24	7.14	9.72	5.13	0.72	11.6	10.3	Clear	No Odor
17:14	5	180	10.82	0.48	7.14	9.68	6.17	0.39	11.0	20.2	Clear	No Odor
17:19	5	180	10.82	0.72	7.14	9.65	5.02	0.37	10.7	7.0	Clear	No Odor
17:24	5	180	10.82	0.96	7.14	9.54	3.95	0.38	10.6	-20.1	Clear	No Odor
17:29	5	180	10.82	1.20	7.15	9.43	2.80	0.49	10.9	-26.0	Clear	No Odor
17:34	5	180	10.82	1.44	7.15	9.45	1.45	0.48	10.9	-29.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite central west	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-48			Date	2-15-21
Project Name/Location	Ford LTP			Weather	15.8 degrees F. The wind is blowing N at 11.5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.32	Total Depth (ft-bmp)	20.25	Water Column (ft.)	9.93	Gallons in Well	1.61
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.52				
Sample Time: Label	13:28	Volume Purged	2.44 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	12:20						
Purge End	13:32						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:25	0	170	10.81	0.00	7.30	59.17	86.10	0.68	7.3	161.3	Clear, Small Black Particulates	No Odor
12:30	5	170	10.79	0.22	7.26	59.06	125.00	0.38	7.6	139.2	Clear, Small Black Particulates	No Odor
12:35	5	150	10.75	0.44	7.30	58.01	106.00	0.29	7.3	102.2	Clear, Cloudy, Small Black Particulates	No Odor
12:40	5	150	10.72	0.64	7.31	55.90	65.90	0.30	7.4	72.8	Clear, Small Black Particulates	No Odor
12:45	5	150	10.72	0.84	7.32	52.60	50.70	0.27	7.5	46.7	Clear	No Odor
12:50	5	150	10.72	1.04	7.31	49.12	40.00	0.23	7.4	25.8	Clear, Small Black Particulates	No Odor
12:55	5	150	10.72	1.24	7.30	46.52	27.20	0.23	7.7	8.4	Clear, Small Black Particulates	No Odor
13:00	5	150	10.72	1.44	7.29	45.26	24.10	0.20	8.0	-1.0	Clear, Small Black Particulates	No Odor
13:05	5	150	10.72	1.64	7.28	43.82	23.90	0.17	8.0	-8.5	Clear, Small Black Particulates	No Odor
13:10	5	150	10.72	1.84	7.28	42.36	19.10	0.15	8.0	-13.4	Clear	No Odor
13:15	5	150	10.72	2.04	7.27	41.36	19.50	0.15	8.3	-17.1	Clear, Small Black Particulates	No Odor
13:20	5	150	10.72	2.24	7.27	40.46	18.80	0.41	8.0	-20.7	Clear, Small Black Particulates	No Odor
13:25	5	150	10.72	2.44	7.26	39.46	17.80	0.19	8.2	-23.1	Clear, Small Black Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite; Central West	Well Locked at Arrival:	n/a
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-50			Date	2-11-21
Project Name/Location	Ford LTP			Weather	17.6 degrees F. The wind is blowing N at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.73	Total Depth (ft-bmp)	18.82	Water Column (ft.)	10.09	Gallons in Well	1.64
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.94				
Sample Time: Label	12:40	Volume Purged	1.54 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	12:00						
Purge End	12:48						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:02	0	180	8.95	0.00	7.09	7.84	47.00	0.81	12.8	76.0	Clear, Small Black Particulates	No Odor
12:07	5	180	8.97	0.24	6.92	7.83	35.10	0.44	13.0	75.8	Clear, Small Black Particulates	No Odor
12:12	5	170	8.96	0.48	6.90	6.91	12.40	0.28	13.4	51.4	Clear	No Odor
12:17	5	160	8.95	0.70	6.90	6.72	11.80	0.35	12.9	44.7	Clear	No Odor
12:22	5	160	8.95	0.91	6.89	6.34	7.50	0.21	13.2	37.5	Clear	No Odor
12:27	5	160	8.95	1.12	6.89	6.20	4.98	0.19	13.2	34.6	Clear	No Odor
12:32	5	160	8.95	1.33	6.89	6.15	3.36	0.16	13.1	31.4	Clear	No Odor
12:37	5	160	8.95	1.54	6.90	6.02	2.98	0.17	13.2	29.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	North of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-52			Date	2-13-21
Project Name/Location		Ford LTP		Weather	17.6 degrees F. The wind is blowing NE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.88	Total Depth (ft-bmp)	19.75	Water Column (ft.)	10.87	Gallons in Well	1.77
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.99				
Sample Time: Label	10:50	Volume Purged	1.75 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	10:04						
Purge End	10:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:06	0	180	9.07	0.00	7.18	8.50	122.00	2.35	10.4	103.2	Clear, Small Orange Particulates,	No Odor
10:11	5	170	8.96	0.24	7.19	8.95	64.60	0.36	10.0	8.1	Clear, Small Orange Particulates,	No Odor
10:16	5	170	8.96	0.46	7.21	8.96	51.80	0.29	9.6	-18.8	Clear, Small Orange Particulates,	No Odor
10:21	5	160	8.96	0.68	7.23	9.01	49.60	0.18	9.1	-38.9	Clear, Yellow	No Odor
10:26	5	160	8.96	0.89	7.24	9.01	41.90	0.19	9.2	-49.0	Clear	No Odor
10:31	5	170	8.96	1.10	7.24	8.98	40.00	0.14	9.7	-56.0	Clear	No Odor
10:36	5	160	8.96	1.32	7.25	8.99	38.00	0.14	9.7	-60.7	Clear	No Odor
10:41	5	170	8.96	1.53	7.25	8.97	36.00	0.15	9.9	-63.8	Clear	No Odor
10:46	5	160	8.96	1.75	7.25	8.98	34.60	0.13	9.9	-66.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-53			Date	2-24-21
Project Name/Location	Ford LTP			Weather	36.0 degrees F and Mostly Cloudy. The wind is blowing S at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.76	Total Depth (ft-bmp)	20.81	Water Column (ft.)	12.05	Gallons in Well	1.96
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.22				
Sample Time: Label	10:07	Volume Purged	2.4 gallons	Replicate/Code No.	MW-53-MS_022421, MW-53-MSD_022421	Sampled by	Xenia Chan
Purge Start	8:58						
Purge End	10:13						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:01	0	150	8.76	0.00	8.09	1.12	34.10	8.39	11.2	112.3	Clear	No Odor
9:06	5	150	8.71	0.20	7.43	3.12	23.50	4.34	10.5	136.7	Clear	No Odor
9:11	5	150	8.71	0.40	7.38	4.00	15.00	3.28	10.5	137.1	Clear	No Odor
9:16	5	150	8.71	0.60	7.37	4.49	13.90	2.82	10.5	136.0	Clear	No Odor
9:21	5	150	8.71	0.80	7.39	5.07	12.10	2.42	10.6	134.6	Clear	No Odor
9:26	5	150	8.71	1.00	7.41	5.26	12.10	2.31	10.7	124.6	Clear	No Odor
9:31	5	150	8.71	1.20	7.40	5.68	11.70	1.91	10.8	111.2	Clear	No Odor
9:36	5	150	8.71	1.40	7.41	5.82	11.50	1.84	10.6	96.3	Clear	No Odor
9:41	5	150	8.72	1.60	7.40	5.98	10.10	1.61	10.6	80.2	Clear	No Odor
9:46	5	150	8.71	1.80	7.39	6.21	9.79	1.22	10.6	67.1	Clear	No Odor
9:51	5	150	8.71	2.00	7.40	6.18	10.10	1.34	10.5	55.7	Clear	No Odor
9:56	5	150	8.71	2.20	7.40	6.38	9.88	1.17	10.4	46.3	Clear	No Odor
10:01	5	150	8.71	2.40	7.41	6.27	11.00	1.40	10.4	36.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	NE of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-54			Date	2-24-21
Project Name/Location		Ford LTP		Weather	44.1 degrees F and Mostly Clear.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.88	Total Depth (ft-bmp)	20.84	Water Column (ft.)	11.96	Gallons in Well	1.94
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.72				
Sample Time: Label	11:27	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by	Xenia Chan
Purge Start	10:44						
Purge End	11:29						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:46	0	150	8.88	0.00	7.96	5.82	24.10	7.95	9.7	53.7	Clear	No Odor
10:51	5	150	8.72	0.20	7.36	13.59	31.00	2.94	10.0	52.7	Clear	No Odor
10:56	5	150	8.71	0.40	7.38	18.77	19.70	0.49	10.1	-18.3	Clear	No Odor
11:01	5	150	8.71	0.60	7.40	18.99	14.10	0.29	10.2	-51.9	Clear	No Odor
11:06	5	150	8.71	0.80	7.41	19.00	13.40	0.22	10.2	-66.5	Clear	No Odor
11:11	5	150	8.71	1.00	7.42	18.96	11.80	0.20	10.3	-75.3	Clear	No Odor
11:16	5	150	8.71	1.20	7.42	18.94	11.10	0.25	10.1	-80.2	Clear	No Odor
11:21	5	150	8.71	1.40	7.42	18.93	11.20	0.20	10.0	-83.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	NE of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-54S			Date	2-24-21
Project Name/Location	Ford LTP			Weather	45.0 degrees F and Mostly Clear.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.81	Total Depth (ft-bmp)	9.26	Water Column (ft.)	4.45	Gallons in Well	0.72
		Pump Intake (ft-bmp)	6.31	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.33				
Sample Time: Label	12:48	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Xenia Chan
Purge Start	11:43						
Purge End	12:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:44	0	150	4.72	0.00	8.23	1.12	142.00	10.50	5.6	-61.1	Cloudy	No Odor
11:49	5	150	4.71	0.20	8.02	0.58	159.00	8.86	52.0	-38.3	Cloudy	No Odor
11:54	5	150	4.72	0.40	7.99	0.42	159.00	8.96	5.0	-26.5	Cloudy	No Odor
11:59	5	150	4.72	0.60	8.03	0.38	162.00	9.08	4.9	-18.0	Cloudy	No Odor
12:04	5	150	4.73	0.80	8.05	0.38	144.00	9.25	4.8	-9.0	Cloudy	No Odor
12:09	5	150	4.73	1.00	8.07	0.36	135.00	9.14	4.8	-3.0	Cloudy	No Odor
12:14	5	150	4.72	1.20	8.10	0.37	114.00	9.47	4.8	4.0	Cloudy	No Odor
12:19	5	150	4.93	1.40	8.07	0.39	101.00	9.27	4.9	11.3	Cloudy	No Odor
12:24	5	150	5.01	1.60	8.03	0.41	80.80	9.02	5.2	17.7	Cloudy	No Odor
12:29	5	150	5.10	1.80	8.00	0.42	70.90	8.99	5.3	22.8	Cloudy	No Odor
12:34	5	150	5.20	2.00	7.99	0.43	63.10	8.99	5.4	26.8	Cloudy	No Odor
12:39	5	150	5.28	2.20	7.98	0.44	59.30	8.87	5.5	30.9	Cloudy	No Odor
12:44	5	150	5.39	2.40	7.96	0.43	69.20	8.76	5.6	33.9	Cloudy	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	NE of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-55			Date	2-25-21
Project Name/Location		Ford LTP		Weather	24.1 degrees F and Clear. The wind is blowing W/NW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.99	Total Depth (ft-bmp)	19.59	Water Column (ft.)	10.60	Gallons in Well	1.72
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.12				
Sample Time: Label	9:38	Volume Purged	1.92 gallons	Replicate/Code No.	--	Sampled by	Xenia Chan
Purge Start	8:33						
Purge End	9:42						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:34	0	120	8.99	0.00	7.29	1.51	143.00	1.82	11.6	132.6	Cloudy, Small Orange Particulates	No Odor
8:39	5	120	8.95	0.16	7.30	1.57	123.00	0.79	11.4	117.3	Cloudy, Small Orange Particulates	No Odor
8:44	5	120	8.95	0.32	7.32	1.61	96.50	0.44	11.5	107.3	Cloudy, Small Orange Particulates	No Odor
8:49	5	120	8.95	0.48	7.33	1.65	78.50	0.35	11.3	100.0	Cloudy, Small Orange Particulates	No Odor
8:54	5	120	8.95	0.64	7.34	1.66	80.95	0.24	10.7	92.9	Cloudy, Small Orange Particulates	No Odor
8:59	5	120	8.95	0.80	7.35	1.66	60.10	0.22	10.9	87.2	Cloudy, Small White Particulates	No Odor
9:04	5	120	8.95	0.96	7.36	1.68	45.30	0.20	11.0	81.9	Cloudy, Small White Particulates	No Odor
9:09	5	120	8.95	1.12	7.37	1.70	41.40	0.19	11.0	76.1	Cloudy, Small White Particulates	No Odor
9:14	5	120	8.95	1.28	7.38	1.72	35.90	0.17	10.8	70.2	Clear, Small Orange Particulates	No Odor
9:19	5	120	8.95	1.44	7.38	1.72	32.20	0.13	11.1	64.0	Clear, Small Orange Particulates	No Odor
9:24	5	120	8.95	1.60	7.39	1.73	28.70	0.14	11.0	58.1	Clear, Small Orange Particulates	No Odor
9:29	5	120	8.95	1.76	7.39	1.73	26.90	0.19	11.2	51.7	Clear, Small Orange Particulates	No Odor
9:34	5	120	8.95	1.92	7.40	1.74	22.50	0.13	11.3	45.4	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite; NE of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-55D			Date	2-25-21
Project Name/Location	Ford LTP			Weather	27.0 degrees F and Clear. The wind is blowing W/NW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19-24	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.02	Total Depth (ft-bmp)	23.56	Water Column (ft.)	14.54	Gallons in Well	2.36
		Pump Intake (ft-bmp)	21.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.61				
Sample Time: Label	10:44	Volume Purged	1.45 gallons	Replicate/Code No.	--	Sampled by	Xenia Chan
Purge Start	9:53						
Purge End	10:47						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:54	0	120	9.16	0.00	7.37	1.44	39.50	2.86	11.0	47.8	Clear	No Odor
9:59	5	120	9.19	0.17	7.30	1.39	29.70	0.72	12.0	38.3	Clear	No Odor
10:04	5	120	9.19	0.33	7.30	1.38	25.80	0.38	12.4	27.0	Clear	No Odor
10:09	5	120	9.21	0.49	7.30	1.37	24.20	0.24	12.6	15.0	Clear	No Odor
10:14	5	120	9.21	0.65	7.30	1.38	22.60	0.19	12.5	5.3	Clear	No Odor
10:19	5	120	9.21	0.81	7.31	1.38	19.30	0.14	12.5	-5.4	Clear	No Odor
10:24	5	120	9.21	0.97	7.31	1.37	19.00	0.14	12.7	-14.2	Clear	No Odor
10:29	5	120	9.19	1.13	7.31	1.38	18.10	0.15	12.6	-20.7	Clear	No Odor
10:34	5	120	9.20	1.29	7.31	1.38	19.00	0.13	12.6	-25.4	Clear	No Odor
10:39	5	120	9.20	1.45	7.31	1.38	17.90	0.10	12.9	-29.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite; NE of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-57			Date	2-25-21
Project Name/Location	Ford LTP			Weather	37.0 degrees F and Mostly Clear. The wind is blowing W/SW at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.16	Total Depth (ft-bmp)	21.69	Water Column (ft.)	13.53	Gallons in Well	2.20
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.87				
Sample Time: Label	14:14	Volume Purged	1.92 gallons	Replicate/Code No.	--	Sampled by	Xenia Chan
Purge Start	13:10						
Purge End	14:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:11	0	120	8.49	0.00	12.26	0.22	30.10	8.36	11.7	-21.6	Clear	No Odor
13:16	5	120	8.63	0.16	12.22	0.22	23.50	7.33	11.5	-29.2	Clear	No Odor
13:21	5	120	8.70	0.32	12.09	0.22	18.00	6.30	11.5	-29.3	Clear	No Odor
13:26	5	120	8.75	0.48	12.04	0.22	16.40	5.06	11.6	-31.3	Clear	No Odor
13:31	5	120	8.75	0.64	11.90	0.22	13.60	4.06	11.7	-31.6	Clear	No Odor
13:36	5	120	8.78	0.80	11.83	0.22	12.20	3.47	11.8	-32.0	Clear	No Odor
13:41	5	120	8.80	0.96	11.73	0.22	13.30	3.12	11.8	-31.4	Clear	No Odor
13:46	5	120	8.52	1.12	11.68	0.22	11.80	2.47	11.8	-30.0	Clear	No Odor
13:51	5	120	8.70	1.28	11.59	0.22	9.20	2.01	11.8	-30.1	Clear	No Odor
13:56	5	120	8.75	1.44	11.51	0.22	9.66	1.67	11.8	-29.1	Clear	No Odor
14:01	5	120	8.82	1.60	11.40	0.22	9.37	1.42	12.0	-27.7	Clear	No Odor
14:06	5	120	8.85	1.76	11.27	0.22	8.29	1.14	11.9	-26.0	Clear	No Odor
14:11	5	120	8.89	1.92	11.15	0.21	7.74	1.05	12.1	-23.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite; NE of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-62			Date	2-11-21
Project Name/Location	Ford LTP			Weather	19.4 degrees F. The wind is blowing N at 4.6 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.73	Total Depth (ft-bmp)	21.18	Water Column (ft.)	11.45	Gallons in Well	1.86
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.72				
Sample Time: Label	13:55	Volume Purged	1.34 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	13:20						
Purge End	14:02						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:22	0	180	9.84	0.00	7.09	6.43	0.02	0.76	12.8	-21.5	Clear	No Odor
13:27	5	170	9.80	0.24	7.12	6.53	0.02	0.30	12.8	-84.1	Clear	No Odor
13:32	5	170	9.80	0.46	7.13	6.45	0.02	0.26	12.9	-93.4	Clear	No Odor
13:37	5	170	9.81	0.68	7.12	6.41	0.02	0.21	12.9	-97.0	Clear	No Odor
13:42	5	170	9.81	0.90	7.12	6.41	0.02	0.20	12.8	-98.6	Clear	No Odor
13:47	5	170	9.80	1.12	7.11	6.41	0.02	0.16	12.8	-99.7	Clear	No Odor
13:52	5	170	9.80	1.34	7.11	6.45	0.02	0.14	12.9	-100.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	North of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-63			Date	2-11-21
Project Name/Location		Ford LTP		Weather	23.0 degrees F and Partly Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.01	Total Depth (ft-bmp)	11.80	Water Column (ft.)	2.79	Gallons in Well	0.45
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.89				
Sample Time:	Label 15:10	Volume Purged	1.3 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
	Purge Start 14:35						
	Purge End 15:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:37	0	150	9.03	0.00	7.48	2.92	4.68	0.86	9.3	33.3	Clear	No Odor
14:42	5	170	9.03	0.20	7.41	2.84	0.02	0.46	9.7	14.1	Clear	No Odor
14:47	5	170	9.03	0.42	7.41	2.83	0.02	0.42	9.7	10.9	Clear	No Odor
14:52	5	170	9.03	0.64	7.41	2.82	0.02	0.38	9.8	5.9	Clear	No Odor
14:57	5	170	9.03	0.86	7.41	2.83	0.02	0.27	9.8	-0.3	Clear	No Odor
15:02	5	170	9.03	1.08	7.42	2.84	0.02	0.24	9.7	-2.8	Clear	No Odor
15:07	5	170	9.03	1.30	7.42	2.84	0.02	0.27	9.9	-3.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	North of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-67			Date	2-15-21
Project Name/Location		Ford LTP		Weather	17.6 degrees F. The wind is blowing N at 12.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.24	Total Depth (ft-bmp)	14.02	Water Column (ft.)	3.78	Gallons in Well	0.61
		Pump Intake (ft-bmp)	11.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.98				
Sample Time: Label	14:45	Volume Purged	1.21 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	14:09						
Purge End	14:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:11	0	160	10.25	0.00	8.90	6.01	0.44	1.23	7.2	-42.9	Clear	No Odor
14:16	5	150	10.25	0.21	7.44	5.61	2.04	0.41	7.2	-43.0	Clear	No Odor
14:21	5	150	10.25	0.41	7.17	5.86	0.02	0.26	7.1	-34.4	Clear	No Odor
14:26	5	150	10.25	0.61	7.17	5.89	0.02	0.25	7.1	-31.6	Clear	No Odor
14:31	5	150	10.25	0.81	7.14	5.89	0.02	0.18	8.1	-27.4	Clear	No Odor
14:36	5	150	10.25	1.01	7.14	5.92	0.02	0.29	8.0	-22.7	Clear	No Odor
14:41	5	150	10.25	1.21	7.13	5.91	0.02	0.21	7.9	-20.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite; Central West	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-68			Date	2-18-21
Project Name/Location	Ford LTP			Weather	25.0 degrees F and Cloudy. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.04	Total Depth (ft-bmp)	19.81	Water Column (ft.)	9.77	Gallons in Well	1.59
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.91				
Sample Time: Label	16:45	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	16:10						
Purge End	16:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:12	0	180	10.09	0.00	7.90	4.60	2.40	6.36	7.1	9.3	Clear	No Odor
16:17	5	180	10.09	0.24	7.66	5.76	0.02	1.01	9.8	16.2	Clear	No Odor
16:22	5	180	10.09	0.48	7.62	6.23	0.02	0.29	10.3	15.7	Clear	No Odor
16:27	5	180	10.09	0.72	7.61	6.26	0.02	0.23	10.5	15.8	Clear	No Odor
16:32	5	180	10.09	0.96	7.61	6.39	0.02	0.22	10.2	16.8	Clear	No Odor
16:37	5	180	10.09	1.20	7.61	6.40	0.02	0.16	10.5	18.2	Clear	No Odor
16:42	5	180	10.09	1.44	7.60	6.46	0.02	0.15	10.4	19.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite central west	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-69			Date	2-12-21
Project Name/Location		Ford LTP		Weather	15.8 degrees F. The wind is blowing NE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.18	Total Depth (ft-bmp)	19.90	Water Column (ft.)	9.72	Gallons in Well	1.58
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.89				
Sample Time: Label	9:15	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	8:33						
Purge End	9:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:36	0	150	10.32	0.00	6.88	14.08	41.30	0.72	11.3	-52.0	Clear	No Odor
8:41	5	150	10.28	0.20	6.94	14.53	36.50	0.85	9.9	-79.4	Clear	No Odor
8:46	5	150	10.28	0.40	6.99	14.57	38.10	0.57	10.3	-84.1	Clear	No Odor
8:51	5	150	10.28	0.60	7.03	14.55	31.60	0.31	10.4	-86.9	Clear	No Odor
8:56	5	150	10.28	0.80	7.05	14.51	26.90	0.26	10.8	-88.0	Clear	No Odor
9:01	5	150	10.28	1.00	7.06	14.57	21.10	0.22	10.6	-87.9	Clear	No Odor
9:06	5	150	10.28	1.20	7.07	14.53	22.80	0.28	10.5	-87.0	Clear	No Odor
9:11	5	150	10.28	1.40	7.07	14.60	20.80	0.22	10.4	-86.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite; East of property	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-70			Date	2-12-21
Project Name/Location		Ford LTP		Weather	19.0 degrees F. The wind is blowing N at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.93	Total Depth (ft-bmp)	20.10	Water Column (ft.)	8.17	Gallons in Well	1.33
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.01				
Sample Time: Label	12:58	Volume Purged	1.34 gallons	Replicate/Code No.	DUP-02	Sampled by	Christina Weaver
Purge Start	12:22						
Purge End	13:09						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:24	0	180	12.02	0.00	7.05	8.37	138.00	3.68	12.6	8.3	Clear, Cloudy, Yellow	No Odor
12:29	5	170	12.02	0.24	6.99	8.45	101.00	1.87	12.8	-16.1	Clear, Cloudy, Yellow	No Odor
12:34	5	170	12.03	0.46	6.99	8.52	52.70	2.17	12.7	-29.0	Clear	No Odor
12:39	5	170	12.03	0.68	6.98	8.75	32.10	1.93	12.5	-39.9	Clear, Small Orange Particulates	No Odor
12:44	5	170	12.03	0.90	6.98	8.79	27.70	2.13	13.0	-46.4	Clear, Small Orange Particulates	No Odor
12:49	5	170	12.03	1.12	6.98	8.79	27.20	2.09	12.7	-49.9	Clear, Small Orange Particulates	No Odor
12:54	5	170	12.03	1.34	6.98	8.78	25.10	1.94	12.9	-50.8	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

One tab out of two broken

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite ; South of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-71			Date	2-12-21
Project Name/Location	Ford LTP			Weather	15.8 degrees F. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	12.71	Total Depth (ft-bmp)	20.15	Water Column (ft.)	7.44	Gallons in Well	1.21
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.19				
Sample Time: Label	10:25	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	9:45						
Purge End	10:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:48	0	150	12.94	0.00	7.05	19.39	12.94	6.77	11.7	-26.2	Clear	No Odor
9:53	5	150	12.95	0.20	7.04	19.94	27.90	7.05	12.9	-65.7	Clear	No Odor
9:58	5	150	12.97	0.40	7.04	19.98	6.17	6.71	13.0	-80.4	Clear	No Odor
10:03	5	150	12.97	0.60	7.04	19.91	6.25	6.13	13.2	-82.5	Clear	No Odor
10:08	5	150	12.97	0.80	7.05	19.72	4.46	5.59	12.9	-84.7	Clear	No Odor
10:13	5	150	12.97	1.00	7.05	19.77	2.46	4.90	13.0	-85.9	Clear	No Odor
10:18	5	150	12.98	1.24	7.05	19.83	0.85	5.14	13.2	-87.0	Clear	No Odor
10:23	5	150	12.98	1.44	7.05	19.96	0.02	4.94	13.2	-88.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Thread tabs are stripped but bolts still barely hold on lid

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite; South of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-122			Date	2-24-21
Project Name/Location	Ford LTP			Weather	48.0 degrees F and Partly Cloudy and Windy. The wind is blowing W/SW at 21.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.96	Total Depth (ft-bmp)	21.20	Water Column (ft.)	11.24	Gallons in Well	1.83
		Pump Intake (ft-bmp)	18.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.31				
Sample Time: Label	14:35	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Xenia Chan
Purge Start	13:25						
Purge End	14:37						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:27	0	150	10.03	0.00	7.39	7.92	21.60	4.16	11.8	112.0	Clear	No Odor
13:32	5	150	10.00	0.20	7.24	9.78	19.90	0.85	12.4	55.7	Clear	No Odor
13:37	5	150	10.00	0.40	7.24	10.43	18.60	0.37	12.4	-14.9	Clear	No Odor
13:42	5	150	10.00	0.60	7.25	10.72	12.00	0.29	12.5	-44.0	Clear	No Odor
13:47	5	150	10.00	0.80	7.25	11.03	11.10	0.22	12.5	-53.7	Clear	No Odor
13:52	5	150	10.00	1.00	7.25	11.22	9.30	0.19	12.6	-59.0	Clear	No Odor
13:57	5	150	10.00	1.20	7.25	11.42	9.42	0.13	12.7	-63.0	Clear	No Odor
14:02	5	150	10.00	1.40	7.25	11.65	9.09	0.10	12.7	-65.2	Clear	No Odor
14:07	5	150	10.00	1.60	7.25	11.92	9.12	0.11	12.9	-66.9	Clear	No Odor
14:12	5	150	10.00	1.80	7.25	12.10	9.24	0.08	13.0	-68.7	Clear	No Odor
14:17	5	150	10.00	2.00	7.26	12.36	9.09	0.09	13.0	-69.7	Clear	No Odor
14:22	5	150	10.00	2.20	7.26	12.59	7.56	0.09	13.0	-70.6	Clear	No Odor
14:27	5	150	10.00	2.40	7.26	12.70	9.56	0.07	13.0	-71.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	NE of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-208S			Date	2-13-21
Project Name/Location		Ford LTP		Weather	17.6 degrees F. The wind is blowing E/NE at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.30	Total Depth (ft-bmp)	13.60	Water Column (ft.)	2.30	Gallons in Well	0.37
		Pump Intake (ft-bmp)	12.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.76				
Sample Time: Label	12:35	Volume Purged	1.02 gallons	Replicate/Code No.	MW-208S-MS_021321, MW-208S-MSD_021321	Sampled by	Emma Witherspoon
Purge Start	11:56						
Purge End	12:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:00	0	125	11.34	0.00	7.58	3.00	5.80	1.69	5.5	27.9	Clear	No Odor
12:05	5	125	11.32	0.17	7.20	3.52	4.89	0.84	6.2	10.4	Clear	No Odor
12:10	5	125	11.32	0.34	7.16	3.64	4.56	0.69	6.1	-8.1	Clear	No Odor
12:15	5	125	11.32	0.51	7.11	3.78	2.14	0.54	6.4	-23.4	Clear	No Odor
12:20	5	125	11.32	0.68	7.07	3.84	0.88	0.44	6.5	-22.7	Clear	No Odor
12:25	5	125	11.32	0.85	7.06	3.89	0.02	0.31	6.6	-25.8	Clear	No Odor
12:30	5	125	11.32	1.02	7.04	3.88	0.02	0.19	6.6	-26.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-209S			Date	2-13-21
Project Name/Location		Ford LTP		Weather	17.6 degrees F. The wind is blowing N/NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.62	Total Depth (ft-bmp)	12.70	Water Column (ft.)	2.08	Gallons in Well	0.34
		Pump Intake (ft-bmp)	12.12	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	7.00				
Sample Time: Label	9:41	Volume Purged	2.38 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	8:38						
Purge End	9:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:40	0	140	10.66	0.00	7.20	11.70	18.80	5.09	9.7	-50.4	Clear	No Odor
8:45	5	150	10.66	0.18	7.22	11.35	4.74	4.72	9.6	-52.5	Clear	No Odor
8:50	5	150	10.66	0.38	7.23	11.24	1.73	4.70	9.3	-51.4	Clear	No Odor
8:55	5	150	10.66	0.58	7.24	11.16	1.30	4.40	9.2	-51.6	Clear	No Odor
9:00	5	150	10.66	0.78	7.25	11.15	0.88	4.38	9.1	-54.4	Clear	No Odor
9:05	5	150	10.66	0.98	7.26	11.28	0.65	4.43	8.4	-55.3	Clear	Faint Odor
9:10	5	150	10.66	1.18	7.26	11.21	0.90	4.38	8.3	-55.4	Clear	No Odor
9:15	5	150	10.66	1.38	7.27	11.25	0.69	4.39	8.1	-55.4	Clear	No Odor
9:20	5	150	10.66	1.58	7.27	11.24	0.62	3.21	8.0	-54.3	Clear	No Odor
9:25	5	150	10.66	1.78	7.27	11.01	0.44	3.21	8.2	-54.8	Clear	No Odor
9:30	5	150	10.66	1.98	7.27	11.08	0.95	3.16	8.8	-54.7	Clear	No Odor
9:35	5	150	10.66	2.18	7.27	11.12	0.78	3.17	8.9	-54.5	Clear	No Odor
9:40	5	150	10.66	2.38	7.27	11.12	0.39	3.12	8.8	-54.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-210S			Date	2-13-21
Project Name/Location		Ford LTP		Weather	17.6 degrees F. The wind is blowing NE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.58	Total Depth (ft-bmp)	12.70	Water Column (ft.)	2.12	Gallons in Well	0.34
		Pump Intake (ft-bmp)	12.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.35				
Sample Time:	Label 13:06	Volume Purged	2.16 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
	Purge Start 12:03						
	Purge End 13:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:05	0	140	10.58	0.00	7.22	14.82	214.00	0.72	10.0	-52.1	Brown, Cloudy	No Odor
12:10	5	140	10.58	0.18	7.24	14.80	169.00	0.38	10.2	-60.6	Brown, Cloudy	No Odor
12:15	5	140	10.58	0.36	7.24	14.86	125.00	0.29	10.3	-67.0	Brown, Cloudy	No Odor
12:20	5	140	10.58	0.54	7.22	14.85	83.40	0.30	9.9	-70.2	Brown, Cloudy	No Odor
12:25	5	140	10.58	0.72	7.22	14.87	56.00	0.27	10.2	-71.8	Brown, Turbid	No Odor
12:30	5	140	10.58	0.90	7.23	14.96	55.80	0.25	10.1	-71.9	Brown, Turbid	No Odor
12:35	5	140	10.58	1.08	7.24	14.88	47.60	0.20	10.1	-72.7	Brown, Turbid	No Odor
12:40	5	140	10.58	1.26	7.23	14.88	34.60	0.21	9.6	-72.4	Brown, Clear	No Odor
12:45	5	140	10.58	1.44	7.25	14.94	30.40	0.20	9.4	-72.1	Brown, Clear	No Odor
12:50	5	140	10.58	1.62	7.23	14.93	25.60	0.19	9.9	-73.1	Clear	No Odor
12:55	5	140	10.58	1.80	7.23	14.82	23.30	0.17	9.9	-73.3	Clear	No Odor
13:00	5	140	10.58	1.98	7.26	14.84	21.40	0.19	9.7	-73.0	Clear	No Odor
13:05	5	140	10.58	2.16	7.26	14.82	18.30	0.23	9.8	-73.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-211S			Date	2-13-21
Project Name/Location		Ford LTP		Weather	17.6 degrees F. The wind is blowing E/NE at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.36	Total Depth (ft-bmp)	11.85	Water Column (ft.)	2.49	Gallons in Well	0.40
		Pump Intake (ft-bmp)	10.86	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.00				
Sample Time: Label	12:53	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Julia McClafferty
Purge Start	11:51						
Purge End	12:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:52	0	150	9.40	0.00	8.28	7.54	33.60	4.44	9.1	-33.2	Clear	No Odor
11:57	5	150	9.40	0.20	7.88	7.74	26.90	4.06	9.4	-37.0	Clear	No Odor
12:02	5	150	9.40	0.40	7.71	8.00	10.80	4.09	9.5	-33.7	Clear	No Odor
12:07	5	150	9.40	0.60	7.61	8.59	13.60	4.44	9.4	-26.5	Clear	No Odor
12:12	5	150	9.40	0.80	7.53	8.97	15.30	4.04	9.4	-40.0	Clear	No Odor
12:17	5	150	9.40	1.00	7.49	9.17	6.90	3.34	9.4	-69.1	Clear	No Odor
12:22	5	150	9.40	1.20	7.45	9.38	13.80	3.38	9.6	-77.9	Clear	No Odor
12:27	5	150	9.40	1.40	7.44	9.45	11.50	3.21	9.7	-83.2	Clear	No Odor
12:32	5	150	9.40	1.60	7.43	9.51	9.13	2.99	9.6	-78.8	Clear	No Odor
12:37	5	150	9.40	1.80	7.42	9.62	6.94	2.90	9.7	-76.4	Clear	No Odor
12:42	5	150	9.40	2.00	7.36	9.69	2.36	0.31	9.7	-72.1	Clear	No Odor
12:47	5	150	9.40	2.20	7.36	9.74	3.20	0.30	9.7	-67.8	Clear	No Odor
12:52	5	150	9.40	2.40	7.36	9.75	4.37	0.26	9.8	-67.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite; East of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-212S			Date	2-13-21
Project Name/Location		Ford LTP		Weather	19.4 degrees F. The wind is blowing NE at 11.5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-11.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.93	Total Depth (ft-bmp)	11.16	Water Column (ft.)	2.23	Gallons in Well	0.36
		Pump Intake (ft-bmp)	10.43	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.89				
Sample Time: Label	15:13	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by	Julia McClafferty
Purge Start	14:34						
Purge End	15:16						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:35	0	150	8.95	0.00	7.89	8.48	44.00	1.14	9.8	-66.6	Clear, Small Orange Particulates	No Odor
14:40	5	150	8.95	0.20	7.40	8.74	28.00	0.42	9.1	-57.1	Clear, Small Orange Particulates	No Odor
14:45	5	150	8.94	0.40	7.31	8.62	17.20	0.32	8.9	-44.3	Clear, Small Orange Particulates	No Odor
14:50	5	150	8.94	0.60	7.28	8.48	11.60	0.31	8.7	-39.0	Clear, Small Orange Particulates	No Odor
14:55	5	150	8.94	0.80	7.23	8.28	6.16	0.23	9.2	-33.0	Clear, Small Orange Particulates	No Odor
15:00	5	150	8.94	1.00	7.22	8.25	4.63	0.21	9.1	-30.8	Clear	No Odor
15:05	5	150	8.94	1.20	7.19	8.17	4.55	0.19	9.1	-28.1	Clear	No Odor
15:10	5	150	8.94	1.40	7.19	8.09	3.12	0.17	9.0	-26.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite; East of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-213S			Date	2-13-21
Project Name/Location		Ford LTP		Weather	18.0 degrees F. The wind is blowing NE at 10.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.64	Total Depth (ft-bmp)	10.81	Water Column (ft.)	2.17	Gallons in Well	0.35
		Pump Intake (ft-bmp)	10.14	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.86				
Sample Time: Label	12:40	Volume Purged	1.35 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	12:06						
Purge End	12:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:07	0	190	8.75	0.00	7.27	10.37	28.10	2.42	6.1	-24.7	Clear, Small Orange Particulates	No Odor
12:12	5	170	8.69	0.25	7.17	10.42	15.20	0.40	7.9	-42.9	Clear, Small Orange Particulates	No Odor
12:17	5	170	8.68	0.47	7.17	10.38	4.74	0.26	8.3	-54.4	Clear	No Odor
12:22	5	170	8.67	0.69	7.18	10.41	1.71	0.18	7.8	-63.4	Clear	No Odor
12:27	5	165	8.65	0.91	7.18	10.37	0.02	0.16	8.1	-68.0	Clear	No Odor
12:32	5	165	8.65	1.13	7.19	10.37	0.02	0.15	7.9	-70.0	Clear	No Odor
12:37	5	170	8.65	1.35	7.19	10.35	0.02	0.16	8.0	-72.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-218S			Date	2-18-21
Project Name/Location		Ford LTP		Weather	19.9 degrees F and Light Snow. The wind is blowing NE at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.45	Total Depth (ft-bmp)	13.15	Water Column (ft.)	1.70	Gallons in Well	0.28
		Pump Intake (ft-bmp)	12.95	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	8.14				
Sample Time: Label	0:10	Volume Purged	2.28 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	11:08						
Purge End	12:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	150	11.47	0.00	7.15	3.45	9.25	2.13	8.6	25.0	Clear	No Odor
11:15	5	150	11.49	0.20	7.15	3.56	0.02	0.40	8.7	-1.6	Clear	No Odor
11:20	5	150	11.49	0.40	7.15	3.24	0.02	0.33	8.8	-3.6	Clear	No Odor
11:25	5	150	11.49	0.60	7.15	3.08	0.02	0.25	8.7	-3.5	Clear	No Odor
11:40	15	150	11.46	1.08	7.13	3.18	0.02	2.54	9.0	-9.8	Clear	No Odor
11:45	5	150	11.49	1.28	7.15	3.15	0.02	0.48	9.1	-22.6	Clear	No Odor
11:50	5	150	11.49	1.48	7.15	3.01	0.02	0.48	9.2	-21.9	Clear	No Odor
11:55	5	150	11.49	1.68	7.15	2.98	0.02	0.41	9.2	-20.3	Clear	No Odor
12:00	5	150	11.49	1.88	7.15	3.00	0.02	0.37	9.2	-15.0	Clear	No Odor
12:05	5	150	11.49	2.08	7.15	2.99	0.02	0.31	9.3	-9.7	Clear	No Odor
12:10	5	150	11.49	2.28	7.14	3.00	0.02	0.28	9.2	-6.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite South	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	MW-219S			Date	2-17-21
Project Name/Location		Ford LTP		Weather	21.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.53	Total Depth (ft-bmp)	11.31	Water Column (ft.)	2.78	Gallons in Well	0.45
		Pump Intake (ft-bmp)	10.03	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.13				
Sample Time: Label	14:15	Volume Purged	1.41 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	13:35						
Purge End	14:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:37	0	160	8.64	0.00	7.52	9.18	13.30	5.21	6.9	48.4	Clear	No Odor
13:42	5	150	8.62	0.21	7.43	9.19	7.99	2.00	7.6	50.0	Clear	No Odor
13:47	5	150	8.62	0.41	7.40	9.21	5.35	1.72	7.4	44.7	Clear	No Odor
13:52	5	150	8.62	0.61	7.37	9.23	0.02	1.23	6.7	14.4	Clear	No Odor
13:57	5	150	8.62	0.81	7.36	9.25	0.02	1.12	7.0	0.3	Clear	No Odor
14:02	5	150	8.62	1.01	7.34	9.22	0.02	0.71	7.3	-13.4	Clear	No Odor
14:07	5	150	8.62	1.21	7.33	9.23	0.02	0.70	7.3	-14.8	Clear	No Odor
14:12	5	150	8.62	1.41	7.32	9.24	0.02	0.69	7.4	-13.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite; South	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	PW-16-01			Date	2-10-21
Project Name/Location		Ford LTP		Weather	17.6 degrees F. The wind is blowing S/SW at 4.6 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.7-19.7	Casing Diameter (in.)	6	Well Material	PVC
Static Water Level (ft-bmp)	9.51	Total Depth (ft-bmp)	21.42	Water Column (ft.)	11.91	Gallons in Well	17.42
		Pump Intake (ft-bmp)	14.70	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.07				
Sample Time: Label	14:00	Volume Purged	1.27 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	13:25						
Purge End	14:06						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:27	0	180	9.54	0.00	7.23	6.27	29.20	10.08	11.2	46.9	Clear, Small Orange Particulates	No Odor
13:32	5	160	9.54	0.24	7.22	6.20	15.00	9.65	11.3	48.0	Clear, Small Orange Particulates	No Odor
13:37	5	160	9.59	0.45	7.21	6.25	19.40	9.36	11.2	49.6	Clear, Small Orange Particulates	No Odor
13:42	5	160	9.60	0.66	7.20	6.26	13.40	8.69	11.5	49.4	Clear	No Odor
13:47	5	150	9.59	0.87	7.20	6.27	9.61	8.52	11.2	47.3	Clear	No Odor
13:52	5	150	9.61	1.07	7.20	6.27	9.90	8.22	11.4	44.6	Clear	No Odor
13:57	5	150	9.60	1.27	7.19	6.26	9.44	7.78	11.3	40.5	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Need to replace well lid.

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite North	Well Locked at Arrival:	n/a
Condition of Well:	Pad damaged,Vault broken	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	TW-16-01			Date	3-2-21
Project Name/Location		Ford LTP		Weather	27.0 degrees F and Mostly Clear. The wind is blowing S/SW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.71	Total Depth (ft-bmp)	16.82	Water Column (ft.)	8.11	Gallons in Well	1.32
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.18				
Sample Time: Label	12:49	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	11:43						
Purge End	12:52						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:45	0	100	8.74	0.00	6.95	5.38	462.00	7.03	10.5	-12.5	Cloudy, Orange, Small Orange Particulates	Faint Odor
11:50	5	100	8.75	0.13	7.02	5.39	120.00	6.50	10.2	-51.2	Cloudy, Small Orange Particulates	No Odor
11:55	5	100	8.75	0.26	7.06	5.36	75.60	6.04	10.5	-64.1	Clear, Small Orange Particulates	No Odor
12:00	5	100	8.75	0.39	7.09	5.35	55.90	5.68	10.5	-70.8	Clear, Small Orange Particulates	No Odor
12:05	5	100	8.75	0.52	7.12	5.32	39.40	5.81	10.3	-77.2	Clear, Small Orange Particulates	No Odor
12:10	5	100	8.75	0.65	7.12	5.32	29.30	5.67	10.1	-79.7	Clear, Small Orange Particulates	No Odor
12:15	5	100	8.75	0.78	7.13	5.32	25.40	4.64	10.2	-82.6	Clear	No Odor
12:20	5	100	8.75	0.91	7.15	5.31	26.10	3.97	10.1	-85.4	Clear	No Odor
12:25	5	100	8.75	1.04	7.15	5.30	20.20	3.83	10.3	-87.0	Clear	No Odor
12:30	5	100	8.75	1.17	7.16	5.29	17.50	3.71	10.2	-88.1	Clear	No Odor
12:35	5	100	8.75	1.30	7.16	5.28	16.60	3.59	10.3	-89.2	Clear	No Odor
12:40	5	100	8.75	1.43	7.17	5.28	12.40	3.48	10.3	-90.0	Clear	No Odor
12:45	5	100	8.75	1.56	7.17	5.28	9.76	3.44	10.1	-91.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	South end inside track	Well Locked at Arrival:	n/a
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.401.01	Well ID	TW-16-02			Date	3-2-21
Project Name/Location		Ford LTP		Weather	30.0 degrees F and Mostly Clear. The wind is blowing SW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.46	Total Depth (ft-bmp)	17.16	Water Column (ft.)	8.70	Gallons in Well	1.41
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.11				
Sample Time: Label	14:28	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	13:23						
Purge End	14:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:25	0	100	8.54	0.00	7.13	5.41	157.00	1.73	10.8	-53.2	Cloudy, Orange, Small Orange Particulates	No Odor
13:30	5	100	8.54	0.13	7.04	5.46	154.00	0.76	10.9	-47.3	Cloudy, Orange, Small Orange Particulates	No Odor
13:35	5	100	8.54	0.26	7.06	5.41	126.00	0.70	11.0	-55.3	Clear, Orange, Small Orange Particulates	No Odor
13:40	5	100	8.54	0.39	7.10	5.33	90.90	0.41	10.8	-67.4	Clear, Small Orange Particulates	No Odor
13:45	5	100	8.54	0.52	7.15	5.29	54.90	0.41	10.7	-79.5	Clear, Small Orange Particulates	No Odor
13:50	5	100	8.54	0.65	7.16	5.33	38.50	0.42	10.8	-84.1	Clear, Small Orange Particulates	No Odor
13:55	5	100	8.55	0.78	7.16	5.33	33.40	0.51	10.9	-86.7	Clear, Small Orange Particulates	No Odor
14:00	5	100	8.56	0.91	7.17	5.33	33.90	0.34	10.9	-89.3	Clear, Small Orange Particulates	No Odor
14:05	5	100	8.56	1.04	7.18	5.39	22.60	0.28	11.0	-93.0	Clear, Small Orange Particulates	No Odor
14:10	5	100	8.57	1.17	7.19	5.40	18.80	0.21	11.1	-95.3	Clear, Small Orange Particulates	No Odor
14:15	5	100	8.58	1.30	7.20	5.42	11.60	0.27	11.1	-98.6	Clear, Small Orange Particulates	No Odor
14:20	5	100	8.58	1.43	7.20	5.44	9.40	0.34	11.1	-101.4	Clear, Small Orange Particulates	No Odor
14:25	5	100	8.58	1.56	7.21	5.46	7.67	0.30	11.1	-103.2	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	South end inside track	Well Locked at Arrival:	n/a
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-72			Date	2-10-21
Project Name/Location		Ford LTP		Weather	15.8 degrees F.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.06	Total Depth (ft-bmp)	19.62	Water Column (ft.)	10.56	Gallons in Well	1.72
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.43				
Sample Time: Label	13:10	Volume Purged	2.46 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	12:04						
Purge End	13:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:05	0	150	9.06	0.00	7.74	10.54	7.71	4.97	9.8	-50.5	Clear	No Odor
12:10	5	150	9.06	0.20	7.56	11.23	5.80	3.87	9.7	-61.0	Clear	No Odor
12:15	5	150	9.06	0.40	7.50	11.32	2.17	2.92	8.8	-68.6	Clear	No Odor
12:20	5	150	9.09	0.60	7.50	11.46	1.50	2.79	8.4	-71.5	Clear	No Odor
12:25	5	150	9.06	0.80	7.51	11.37	2.27	2.65	8.9	-76.4	Clear	No Odor
12:30	5	150	9.06	1.00	7.51	11.36	0.52	2.29	9.5	-79.7	Clear	No Odor
12:35	5	150	9.06	1.20	7.50	11.20	0.96	1.81	10.2	-82.3	Clear	No Odor
12:40	5	150	9.06	1.40	7.49	11.22	1.22	1.95	9.5	-80.0	Clear	No Odor
12:45	5	150	9.06	1.60	7.49	11.24	0.77	1.35	9.8	-84.6	Clear	No Odor
12:50	5	150	9.06	1.80	7.49	11.06	0.02	1.58	10.5	-87.2	Clear	No Odor
12:55	5	175	9.06	2.00	7.49	11.08	0.02	1.19	10.5	-89.0	Clear	No Odor
13:00	5	175	9.06	2.23	7.48	10.94	0.28	1.82	10.4	-89.0	Clear	No Odor
13:05	5	150	9.06	2.46	7.48	11.06	0.98	1.11	10.2	-89.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-72S			Date	2-10-21
Project Name/Location		Ford LTP		Weather	19.4 degrees F. The wind is blowing W/SW at 3.5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.24	Total Depth (ft-bmp)	13.01	Water Column (ft.)	3.77	Gallons in Well	0.61
		Pump Intake (ft-bmp)	10.74	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.93				
Sample Time: Label	14:45	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	13:37						
Purge End	14:49						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:40	0	150	9.34	0.00	7.96	3.38	64.90	4.61	7.1	14.6	Clear	No Odor
13:45	5	150	9.34	0.20	7.87	3.28	51.90	2.09	6.1	15.4	Clear	No Odor
13:50	5	150	9.34	0.40	7.87	3.13	40.00	2.70	7.2	15.9	Clear	No Odor
13:55	5	150	9.31	0.60	7.72	3.07	22.70	1.99	8.4	17.0	Clear	No Odor
14:00	5	150	9.31	0.80	7.68	3.04	25.30	1.96	8.4	19.3	Clear	No Odor
14:05	5	150	9.31	1.00	7.61	3.01	17.70	1.70	8.3	21.1	Clear	No Odor
14:10	5	150	9.31	1.20	7.51	3.01	4.02	0.90	9.1	19.0	Clear	No Odor
14:15	5	150	9.31	1.40	7.44	3.07	2.88	0.86	9.7	8.2	Clear	No Odor
14:20	5	150	9.31	1.60	7.42	3.11	1.25	0.88	9.8	-2.3	Clear	No Odor
14:25	5	150	9.31	1.80	7.42	3.17	0.02	1.15	8.5	-7.0	Clear	No Odor
14:30	5	150	9.31	2.00	7.42	3.23	0.02	1.17	8.0	-12.3	Clear	No Odor
14:35	5	150	9.31	2.20	7.41	3.24	0.02	1.00	8.3	-16.9	Clear	No Odor
14:40	5	150	9.31	2.40	7.41	3.23	0.02	1.48	8.5	-21.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-73D			Date	2-11-21
Project Name/Location		Ford LTP		Weather	15.8 degrees F. The wind is blowing N at 11.5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	13.5-18.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.98	Total Depth (ft-bmp)	17.35	Water Column (ft.)	10.37	Gallons in Well	1.69
		Pump Intake (ft-bmp)	16.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.63				
Sample Time: Label	11:57	Volume Purged	2.76 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	10:54						
Purge End	12:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:55	0	175	7.12	0.00	7.50	12.23	41.90	2.60	7.1	67.5	Clear	No Odor
11:00	5	175	7.12	0.23	7.50	12.43	40.10	1.66	6.9	61.2	Clear, Small Orange Particulates	No Odor
11:05	5	175	7.12	0.46	7.51	12.27	40.00	1.19	7.7	41.6	Clear, Small Orange Particulates	No Odor
11:10	5	175	7.12	0.69	7.51	12.04	40.00	1.04	8.1	23.3	Clear, Small White Particulates	No Odor
11:15	5	175	7.12	0.92	7.51	11.97	38.00	0.97	8.2	2.5	Clear, Small White Particulates	No Odor
11:20	5	175	7.12	1.15	7.50	11.89	32.80	0.90	8.4	-15.0	Clear, Small White Particulates	No Odor
11:25	5	175	7.12	1.38	7.50	11.89	35.10	0.83	8.4	-25.3	Clear, Small White Particulates	No Odor
11:30	5	175	7.12	1.61	7.50	11.78	35.50	0.89	8.4	-31.8	Clear, Small White Particulates	No Odor
11:35	5	175	7.12	1.84	7.50	11.99	29.10	0.83	8.9	-37.5	Clear, Small White Particulates	No Odor
11:40	5	175	7.12	2.07	7.50	12.09	24.00	0.85	9.2	-41.4	Clear, Small White Particulates	No Odor
11:45	5	175	7.16	2.30	7.50	12.16	26.10	0.68	9.1	-45.4	Clear, Small White Particulates	No Odor
11:50	5	175	7.16	2.53	7.49	12.20	35.90	0.75	8.5	-45.6	Clear, Small White Particulates	No Odor
11:55	5	175	7.16	2.76	7.48	12.26	32.40	0.74	8.6	-45.8	Clear, Small White Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-73SR			Date	2-11-21
Project Name/Location	Ford LTP			Weather	10.4 degrees F. The wind is blowing N at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.99	Total Depth (ft-bmp)	12.39	Water Column (ft.)	5.40	Gallons in Well	0.88
		Pump Intake (ft-bmp)	8.49	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.14				
Sample Time: Label	10:17	Volume Purged	2.76 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	9:12						
Purge End	10:22						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:15	0	175	7.01	0.00	6.65	6.22	25.20	0.79	7.1	172.3	Clear, Small Orange Particulates	No Odor
9:20	5	175	7.01	0.23	6.85	6.83	23.70	0.57	6.8	122.0	Clear, Small Orange Particulates	No Odor
9:25	5	175	7.01	0.46	6.95	7.21	21.90	0.47	6.0	94.6	Clear, Small Orange Particulates	No Odor
9:30	5	175	7.01	0.69	6.97	7.53	22.60	0.42	6.2	73.0	Clear, Small Orange Particulates	No Odor
9:35	5	175	7.01	0.92	7.01	7.69	16.40	0.49	6.0	47.6	Clear, Small Orange Particulates	No Odor
9:40	5	175	7.01	1.15	7.02	7.73	13.80	0.39	6.0	38.8	Clear, Small Orange Particulates	No Odor
9:45	5	175	7.01	1.38	7.03	7.70	12.30	0.23	5.8	26.3	Clear, Small Orange Particulates	No Odor
9:50	5	175	7.01	1.61	7.04	7.74	8.59	0.23	5.7	18.0	Clear, Small Orange Particulates	No Odor
9:55	5	175	7.01	1.84	7.03	7.60	9.21	0.22	5.9	12.0	Clear	No Odor
10:00	5	175	7.01	2.07	7.03	7.85	8.40	0.34	5.1	8.4	Clear	No Odor
10:05	5	175	7.01	2.30	7.04	7.66	8.70	0.20	5.5	5.6	Clear	No Odor
10:10	5	175	7.01	2.53	7.04	6.99	40.00	0.21	5.1	1.2	Clear	No Odor
10:15	5	175	7.01	2.76	7.02	7.45	40.00	0.23	5.0	2.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-74			Date	2-11-21
Project Name/Location	Ford LTP			Weather	19.0 degrees F and Partly Cloudy. The wind is blowing N at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.84	Total Depth (ft-bmp)	18.67	Water Column (ft.)	10.83	Gallons in Well	1.76
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.57				
Sample Time: Label	13:57	Volume Purged	2.76 gallons	Replicate/Code No.	DUP-09	Sampled by	Allyson Hartz
Purge Start	12:49						
Purge End	14:03						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:50	0	175	7.85	0.00	7.43	6.31	95.20	2.15	8.7	-35.2	Clear, Small Orange Particulates	No Odor
12:55	5	175	7.85	0.23	7.41	6.33	72.00	0.74	9.7	-48.8	Clear, Small Orange Particulates	No Odor
13:00	5	175	7.85	0.46	7.39	6.57	87.50	0.40	9.6	-64.3	Clear, Small Orange Particulates	No Odor
13:05	5	175	7.85	0.69	7.38	6.71	71.00	0.30	9.3	-69.3	Clear, Small Orange Particulates	No Odor
13:10	5	175	7.85	0.92	7.38	6.83	78.00	0.27	9.5	-71.4	Clear, Small Orange Particulates	No Odor
13:15	5	175	7.85	1.15	7.37	7.01	68.20	0.24	9.3	-72.9	Clear, Small Orange Particulates	No Odor
13:20	5	175	7.85	1.38	7.36	7.07	62.50	0.20	9.5	-74.4	Clear, Small Orange Particulates	No Odor
13:25	5	175	7.85	1.61	7.37	7.13	55.20	0.20	8.9	-75.1	Clear, Small Orange Particulates	No Odor
13:30	5	175	7.85	1.84	7.36	7.21	47.10	0.17	8.9	-75.7	Clear, Small Orange Particulates	No Odor
13:35	5	175	7.85	2.07	7.36	7.26	45.00	0.17	9.3	-77.1	Clear, Small Orange Particulates	No Odor
13:40	5	175	7.85	2.30	7.36	7.31	40.00	0.17	9.1	-77.3	Clear, Small Orange Particulates	No Odor
13:45	5	175	7.85	2.53	7.35	7.36	54.00	0.14	9.2	-78.2	Clear, Small Orange Particulates	No Odor
13:50	5	175	7.85	2.76	7.35	7.45	54.20	0.50	9.1	-79.0	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-74S			Date	2-11-21
Project Name/Location	Ford LTP			Weather	23.0 degrees F and Partly Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.84	Total Depth (ft-bmp)	12.77	Water Column (ft.)	4.93	Gallons in Well	0.80
		Pump Intake (ft-bmp)	9.34	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.38				
Sample Time: Label	15:32	Volume Purged	2.7 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	14:26						
Purge End	15:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:30	0	175	7.84	0.00	6.91	7.89	18.50	1.01	7.5	18.9	Clear, Small Orange Particulates	No Odor
14:35	5	150	7.84	0.23	6.89	8.65	5.00	0.79	6.6	9.4	Clear, Small Orange Particulates	No Odor
14:40	5	150	7.84	0.43	6.90	8.92	1.57	0.59	7.3	-0.2	Clear, Small Orange Particulates	No Odor
14:45	5	175	7.84	0.63	6.90	9.15	1.60	0.48	6.5	-3.7	Clear	No Odor
14:50	5	175	7.84	0.86	6.90	9.48	3.83	0.38	6.9	-5.8	Clear	No Odor
14:55	5	175	7.84	1.09	6.90	9.57	3.82	0.48	7.2	-6.3	Clear	No Odor
15:00	5	175	7.84	1.32	6.91	9.59	3.03	0.49	7.3	-6.5	Clear	No Odor
15:05	5	175	7.84	1.55	6.93	10.11	5.23	0.41	6.8	-6.6	Clear	No Odor
15:10	5	175	7.84	1.78	6.93	9.82	5.43	0.35	7.0	-7.6	Clear	No Odor
15:15	5	175	7.84	2.01	6.92	9.71	5.49	0.36	7.3	-8.2	Clear	No Odor
15:20	5	175	7.84	2.24	6.93	9.72	5.85	0.33	7.3	-9.0	Clear	No Odor
15:25	5	175	7.84	2.47	6.93	9.46	6.88	0.30	7.5	-9.2	Clear	No Odor
15:30	5	175	7.84	2.70	6.92	9.53	7.46	0.48	7.6	-9.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-75D			Date	2-10-21
Project Name/Location	Ford LTP			Weather	15.8 degrees F.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.77	Total Depth (ft-bmp)	16.66	Water Column (ft.)	9.89	Gallons in Well	1.61
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.49				
Sample Time: Label	11:30	Volume Purged	2.4 gallons	Replicate/Code No.	DUP-11	Sampled by	Allyson Hartz
Purge Start	10:22						
Purge End	11:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:25	0	150	6.87	0.00	7.92	5.57	40.00	1.60	9.6	-101.9	Clear	No Odor
10:30	5	150	6.87	0.20	7.90	5.89	40.00	1.65	8.9	-125.7	Clear	No Odor
10:35	5	150	6.87	0.40	7.89	5.86	36.40	1.63	8.8	-136.7	Clear	No Odor
10:40	5	150	6.87	0.60	7.90	5.95	35.30	1.78	7.5	-140.3	Clear	No Odor
10:45	5	150	6.87	0.80	7.90	5.87	29.20	1.72	7.9	-141.2	Clear	No Odor
10:50	5	150	6.87	1.00	7.90	5.89	32.70	1.63	8.1	-142.7	Clear	No Odor
10:55	5	150	6.87	1.20	7.89	5.81	29.30	1.54	8.0	-143.1	Clear	No Odor
11:00	5	150	6.87	1.40	7.89	5.78	23.40	1.45	8.1	-143.4	Clear	No Odor
11:05	5	150	6.87	1.60	7.88	5.76	25.80	1.33	8.5	-143.7	Clear	No Odor
11:10	5	150	6.87	1.80	7.88	5.73	22.90	1.26	8.5	-143.3	Clear	No Odor
11:15	5	150	6.87	2.00	7.87	5.70	19.00	1.27	8.3	-142.9	Clear	No Odor
11:20	5	150	6.87	2.20	7.87	5.67	22.00	1.17	8.0	-141.4	Clear	No Odor
11:25	5	150	6.87	2.40	7.86	5.68	20.80	1.17	8.3	-141.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-75SR			Date	2-10-21
Project Name/Location		Ford LTP		Weather	10.4 degrees F.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.86	Total Depth (ft-bmp)	12.36	Water Column (ft.)	5.50	Gallons in Well	0.89
		Pump Intake (ft-bmp)	8.36	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.88				
Sample Time: Label	10:00	Volume Purged	2.56 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	8:59						
Purge End	10:04						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:00	0	200	6.87	0.00	6.84	2.12	1.61	11.54	7.6	252.2	Clear	No Odor
9:05	5	175	6.87	0.26	7.51	2.14	3.23	11.44	7.5	218.8	Clear	No Odor
9:10	5	175	6.87	0.49	7.67	2.11	3.21	11.28	6.8	214.9	Clear	No Odor
9:15	5	175	6.87	0.72	7.70	2.11	3.20	11.08	6.7	215.8	Clear	No Odor
9:20	5	175	6.87	0.95	7.78	2.36	2.12	11.09	6.5	216.5	Clear	No Odor
9:25	5	175	6.87	1.18	7.79	2.49	1.03	10.88	6.4	216.9	Clear	No Odor
9:30	5	175	6.87	1.41	7.78	2.55	1.16	10.55	6.5	217.5	Clear	No Odor
9:35	5	175	6.87	1.64	7.79	2.59	0.74	10.72	6.4	217.6	Clear	No Odor
9:40	5	175	6.87	1.87	7.80	2.63	0.02	10.42	5.9	218.0	Clear	No Odor
9:45	5	175	6.87	2.10	7.81	2.66	0.02	10.14	6.2	217.7	Clear	No Odor
9:50	5	175	6.87	2.33	7.81	2.69	0.02	9.85	6.3	217.1	Clear	No Odor
9:55	5	175	6.87	2.56	7.81	2.70	0.02	9.83	6.3	216.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-76			Date	2-12-21
Project Name/Location		Ford LTP		Weather	19.0 degrees F. The wind is blowing N at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.69	Total Depth (ft-bmp)	19.63	Water Column (ft.)	8.94	Gallons in Well	1.45
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.95				
Sample Time: Label	13:20	Volume Purged	1.38 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	12:43						
Purge End	13:22						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:45	0	175	10.71	0.00	7.41	10.37	12.50	0.83	9.8	75.3	Clear	No Odor
12:50	5	175	10.71	0.23	7.45	10.31	10.80	0.53	9.8	72.3	Clear, Small Black Particulates	No Odor
12:55	5	175	10.71	0.46	7.48	9.93	7.91	0.45	9.9	63.7	Clear, Small Black Particulates	No Odor
13:00	5	175	10.71	0.69	7.46	9.84	7.76	0.39	10.2	59.3	Clear, Small Black Particulates	No Odor
13:05	5	175	10.71	0.92	7.45	9.84	6.11	0.37	10.2	58.7	Clear, Small Black Particulates	No Odor
13:10	5	175	10.71	1.15	7.44	9.87	5.86	0.34	10.4	56.3	Clear, Small Black Particulates	No Odor
13:15	5	175	10.71	1.38	7.44	9.87	6.00	0.29	10.3	53.7	Clear, Small Black Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-76S			Date	2-12-21
Project Name/Location	Ford LTP			Weather	21.2 degrees F. The wind is blowing N at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.68	Total Depth (ft-bmp)	14.12	Water Column (ft.)	3.44	Gallons in Well	0.56
		Pump Intake (ft-bmp)	12.18	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.93				
Sample Time: Label	15:12	Volume Purged	2.76 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	14:09						
Purge End	15:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:10	0	175	10.62	0.00	7.57	4.96	287.00	2.00	10.1	53.9	Cloudy, Orange	No Odor
14:15	5	175	10.62	0.23	7.30	6.62	177.00	0.57	10.1	32.2	Cloudy, Orange, Small Orange Particulates	No Odor
14:20	5	175	10.62	0.46	7.39	6.26	118.00	0.71	9.4	14.6	Clear, Small Orange Particulates	No Odor
14:25	5	175	10.62	0.69	7.40	6.10	96.70	0.67	9.4	4.3	Clear, Small Orange Particulates	No Odor
14:30	5	175	10.62	0.92	7.40	6.10	84.40	0.70	9.4	-2.3	Clear, Small Orange Particulates	No Odor
14:35	5	175	10.62	1.15	7.40	6.19	67.00	0.60	9.4	-6.3	Clear, Small Orange Particulates	No Odor
14:40	5	175	10.62	1.38	7.41	6.17	58.10	0.61	9.5	-7.8	Clear, Small Orange Particulates	No Odor
14:45	5	175	10.62	1.61	7.41	6.30	48.40	0.55	9.6	-10.7	Clear, Small Orange Particulates	No Odor
14:50	5	175	10.62	1.84	7.40	6.37	40.00	0.46	9.9	-14.5	Clear, Small Orange Particulates	No Odor
14:55	5	175	10.62	2.07	7.40	6.42	40.00	0.48	9.4	-14.8	Clear, Small Orange Particulates	No Odor
15:00	5	175	10.62	2.30	7.40	6.44	40.00	0.47	9.6	-16.7	Clear, Small Orange Particulates	No Odor
15:05	5	175	10.62	2.53	7.40	6.51	40.00	0.39	9.8	-17.3	Clear, Small Orange Particulates	No Odor
15:10	5	175	10.62	2.76	7.40	6.49	40.00	0.42	9.8	-19.6	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-77			Date	2-11-21
Project Name/Location	Ford LTP			Weather	19.4 degrees F. The wind is blowing N at 3.5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.57	Total Depth (ft-bmp)	13.74	Water Column (ft.)	8.17	Gallons in Well	1.33
		Pump Intake (ft-bmp)	11.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.38				
Sample Time: Label	13:55	Volume Purged	1.83 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	12:56						
Purge End	13:58						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:57	0	140	5.58	0.00	6.50	2.28	0.02	2.16	8.4	137.8	Clear	No Odor
13:02	5	120	5.57	0.18	7.10	2.22	0.02	0.34	7.8	92.5	Clear	No Odor
13:07	5	110	5.57	0.34	7.24	2.15	0.02	0.33	6.9	66.2	Clear	No Odor
13:12	5	115	5.58	0.49	7.34	2.03	0.02	0.19	8.2	40.7	Clear	No Odor
13:17	5	125	5.58	0.64	7.40	1.94	0.02	0.19	8.6	13.3	Clear	No Odor
13:22	5	125	5.58	0.81	7.41	1.87	0.02	0.13	8.8	-3.6	Clear	No Odor
13:27	5	125	5.58	0.98	7.41	1.78	0.02	0.11	8.4	-18.2	Clear	No Odor
13:32	5	125	5.58	1.15	7.42	1.76	0.02	0.13	8.4	-33.0	Clear	No Odor
13:37	5	125	5.58	1.32	7.43	1.77	0.02	0.11	8.5	-45.1	Clear	No Odor
13:42	5	125	5.58	1.49	7.43	1.77	0.02	0.11	8.5	-51.8	Clear	No Odor
13:47	5	125	5.58	1.66	7.43	1.74	0.02	0.12	8.6	-57.4	Clear	No Odor
13:52	5	125	5.58	1.83	7.44	1.74	0.02	0.12	8.5	-61.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Brewster ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-77S			Date	2-11-21
Project Name/Location	Ford LTP			Weather	15.8 degrees F. The wind is blowing N at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.48	Total Depth (ft-bmp)	12.18	Water Column (ft.)	6.70	Gallons in Well	1.09
		Pump Intake (ft-bmp)	6.98	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.85				
Sample Time: Label	12:12	Volume Purged	2.02 gallons	Replicate/Code No.	MW-77S-MS_021121, MW-77S-MSD_021121	Sampled by	Andrew Banitt
Purge Start	11:09						
Purge End	12:27						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	140	5.50	0.00	6.65	0.79	0.02	1.65	7.2	238.2	Clear	No Odor
11:15	5	140	5.50	0.18	7.04	0.69	0.35	0.83	7.9	220.5	Clear	No Odor
11:20	5	125	5.50	0.36	7.17	0.67	0.63	0.80	7.4	195.2	Clear	No Odor
11:25	5	125	5.50	0.53	7.28	0.67	0.05	0.70	7.5	177.6	Clear	No Odor
11:30	5	125	5.50	0.70	7.29	0.68	0.02	0.69	7.3	166.4	Clear	No Odor
11:35	5	125	5.50	0.87	7.39	0.76	0.02	0.38	7.5	154.3	Clear	No Odor
11:40	5	125	5.50	1.04	7.38	0.84	0.02	0.31	7.2	146.9	Clear	No Odor
11:45	5	125	5.50	1.19	7.49	0.92	0.02	0.31	7.7	132.7	Clear	No Odor
11:50	5	125	5.50	1.36	7.52	0.99	0.02	0.27	7.9	126.3	Clear	No Odor
11:55	5	125	5.50	1.53	7.48	1.03	0.02	0.27	7.9	125.3	Clear	No Odor
12:00	5	120	5.50	1.70	7.49	1.07	0.02	0.27	8.0	121.1	Clear	No Odor
12:05	5	120	5.50	1.86	7.48	1.07	0.02	0.33	7.8	117.9	Clear	No Odor
12:10	5	120	5.50	2.02	7.45	1.07	0.02	0.27	8.0	116.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-78			Date	2-24-21
Project Name/Location	Ford LTP			Weather	39.0 degrees F and Mostly Clear. The wind is blowing S/SW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.26	Total Depth (ft-bmp)	11.75	Water Column (ft.)	8.49	Gallons in Well	1.38
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.66				
Sample Time: Label	10:15	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	9:34						
Purge End	10:19						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:35	0	100	3.28	0.00	7.11	4.22	7.92	0.86	7.6	-26.0	Clear, Small Orange Particulates	No Odor
9:40	5	100	3.29	0.13	7.21	4.20	7.71	0.43	7.4	-66.8	Clear, Small Orange Particulates	No Odor
9:45	5	100	3.29	0.26	7.29	3.89	10.40	0.35	7.2	-81.3	Clear, Small Orange Particulates	No Odor
9:50	5	100	3.29	0.39	7.32	3.85	5.29	0.24	6.5	-85.8	Clear, Small Orange Particulates	No Odor
9:55	5	100	3.29	0.52	7.33	3.66	6.26	0.26	7.0	-87.3	Clear, Small Orange Particulates	No Odor
10:00	5	100	3.29	0.65	7.35	3.44	2.32	0.26	6.9	-90.5	Clear	No Odor
10:05	5	100	3.29	0.78	7.36	3.39	1.33	0.26	6.9	-91.4	Clear	No Odor
10:10	5	100	3.29	0.91	7.36	3.36	1.83	0.27	6.9	-92.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-78S			Date	2-18-21
Project Name/Location	Ford LTP			Weather	25.0 degrees F and Cloudy. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.65	Total Depth (ft-bmp)	12.55	Water Column (ft.)	8.90	Gallons in Well	1.45
		Pump Intake (ft-bmp)	5.15	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.38				
Sample Time: Label	16:46	Volume Purged	2 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	15:53						
Purge End	16:57						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:55	0	150	3.68	0.00	7.49	4.37	9.26	0.44	7.8	-2.7	Clear	No Odor
16:00	5	150	3.70	0.20	7.50	4.37	8.13	0.21	7.7	-16.6	Clear	No Odor
16:05	5	150	3.70	0.40	7.51	4.31	8.45	0.17	7.5	-27.2	Clear	No Odor
16:10	5	150	3.70	0.60	7.55	4.10	5.53	0.16	7.2	-38.1	Clear	No Odor
16:15	5	150	3.70	0.80	7.57	3.75	3.95	0.14	7.3	-49.0	Clear	No Odor
16:20	5	150	3.70	1.00	7.57	3.49	2.22	0.14	7.2	-56.3	Clear	No Odor
16:25	5	150	3.70	1.20	7.57	3.32	1.93	0.14	7.2	-60.7	Clear	No Odor
16:30	5	150	3.70	1.40	7.57	3.20	1.67	0.13	7.1	-63.8	Clear	No Odor
16:35	5	150	3.70	1.60	7.57	3.11	1.43	0.15	7.2	-66.9	Clear	No Odor
16:40	5	150	3.70	1.80	7.56	3.10	1.53	0.21	7.1	-67.5	Clear	No Odor
16:45	5	150	3.70	2.00	7.57	3.07	1.25	0.22	7.0	-68.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

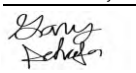
Well Information

Well Location:	MW-78S	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-79D			Date	2-12-21
Project Name/Location		Ford LTP		Weather	15.8 degrees F. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.90	Total Depth (ft-bmp)	14.64	Water Column (ft.)	8.74	Gallons in Well	1.42
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.55				
Sample Time: Label	10:46	Volume Purged	2.2 gallons	Replicate/Code No.	DUP-14	Sampled by	Gary Schafer
Purge Start	9:48						
Purge End	11:02						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:50	0	150	5.91	0.00	7.09	4.32	22.60	0.69	9.4	-86.3	Turbid	Faint Odor
9:55	5	150	5.91	0.20	7.11	4.31	17.50	0.65	9.4	-85.5	Turbid	Faint Odor
10:00	5	150	5.91	0.40	7.12	4.30	14.70	0.52	9.3	-84.6	Clear	Faint Odor
10:05	5	150	5.91	0.60	7.12	4.28	10.50	0.50	8.9	-82.4	Clear	Faint Odor
10:10	5	150	5.91	0.80	7.12	4.28	10.60	0.48	8.9	-81.9	Clear	Faint Odor
10:15	5	150	5.91	1.00	7.12	4.29	7.74	0.46	9.0	-81.2	Clear	Faint Odor
10:20	5	150	5.91	1.20	7.12	4.29	9.21	0.45	9.0	-81.0	Clear	Faint Odor
10:25	5	150	5.91	1.40	7.13	4.30	7.56	0.39	8.9	-81.9	Clear	Faint Odor
10:30	5	150	5.91	1.60	7.13	4.39	10.20	0.38	7.6	-79.6	Clear	Faint Odor
10:35	5	150	5.91	1.80	7.12	4.31	9.40	0.30	8.5	-78.7	Clear	Faint Odor
10:40	5	150	5.91	2.00	7.13	4.29	9.44	0.33	8.7	-78.8	Clear	Faint Odor
10:45	5	150	5.91	2.20	7.12	4.31	9.20	0.32	8.7	-77.8	Clear	Faint Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Boston ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-79SR			Date	2-12-21
Project Name/Location		Ford LTP		Weather	18.0 degrees F and Cloudy. The wind is blowing N/NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.80	Total Depth (ft-bmp)	12.25	Water Column (ft.)	6.45	Gallons in Well	1.05
		Pump Intake (ft-bmp)	7.30	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.52				
Sample Time: Label	12:46	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:02						
Purge End	12:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:05	0	150	5.80	0.00	7.11	4.31	14.30	1.30	9.0	-57.6	Clear, Small White Particulates	Faint Odor
12:10	5	150	5.80	0.20	7.12	4.24	128.00	0.27	9.0	-61.1	Clear, Small White Particulates	Faint Odor
12:15	5	150	5.80	0.40	7.12	4.18	10.30	0.24	8.9	-63.0	Clear, Small White Particulates	Faint Odor
12:20	5	150	5.80	0.60	7.13	4.12	7.70	0.21	8.8	-64.1	Clear, Small White Particulates	Faint Odor
12:25	5	150	5.80	0.80	7.13	4.07	5.46	0.21	8.9	-65.1	Clear, Small White Particulates	Faint Odor
12:30	5	150	5.80	1.00	7.15	3.94	5.29	0.21	8.7	-66.5	Clear, Small White Particulates	Faint Odor
12:35	5	150	5.80	1.20	7.15	3.99	4.50	0.22	8.8	-66.6	Clear, Small White Particulates	Faint Odor
12:40	5	150	5.80	1.40	7.15	3.90	4.23	0.19	8.9	-67.0	Clear, Small White Particulates	Faint Odor
12:45	5	150	5.80	1.60	7.15	3.91	3.82	0.21	8.8	-66.9	Clear	Faint Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Boston ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-80SR			Date	2-10-21
Project Name/Location		Ford LTP		Weather	15.8 degrees F.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.50	Total Depth (ft-bmp)	12.20	Water Column (ft.)	8.70	Gallons in Well	1.41
		Pump Intake (ft-bmp)	5.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.85				
Sample Time: Label	10:45	Volume Purged	1.2 gallons	Replicate/Code No.	DUP-08	Sampled by	Emma Witherspoon
Purge Start	10:05						
Purge End	10:54						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:10	0	150	3.55	0.00	6.95	2.19	21.60	0.48	5.8	-35.0	Clear, Small Orange Particulates	No Odor
10:15	5	150	3.55	0.20	6.96	2.19	6.45	0.34	5.9	-41.4	Clear, Small Orange Particulates	No Odor
10:20	5	150	3.55	0.40	6.98	2.18	2.50	0.26	5.6	-44.2	Clear	No Odor
10:25	5	150	3.55	0.60	6.99	2.14	1.86	0.15	6.0	-50.0	Clear, Small Orange Particulates	No Odor
10:30	5	150	3.55	0.80	7.00	2.12	1.09	0.08	5.6	-52.8	Clear	No Odor
10:35	5	150	3.55	1.00	7.01	2.11	0.42	0.09	5.6	-56.3	Clear	No Odor
10:40	5	150	3.55	1.20	7.02	2.09	0.26	0.08	5.6	-59.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Brewster ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-81			Date	2-17-21
Project Name/Location		Ford LTP		Weather	5.0 degrees F.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.31	Total Depth (ft-bmp)	12.66	Water Column (ft.)	5.35	Gallons in Well	0.87
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.17				
Sample Time:	Label 11:15	Volume Purged	2.76 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
	Purge Start 10:09						
	Purge End 11:17						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:10	0	175	7.66	0.00	7.40	2.22	40.00	1.30	7.6	141.6	Clear	No Odor
10:15	5	175	7.66	0.23	7.35	2.23	40.00	0.95	7.5	137.9	Clear, Small Black Particulates	No Odor
10:20	5	175	7.66	0.46	7.29	2.23	40.00	0.88	7.5	123.3	Clear, Small Black Particulates	No Odor
10:25	5	175	7.66	0.69	7.29	2.24	40.00	0.76	7.5	105.7	Clear	No Odor
10:30	5	175	7.66	0.92	7.28	2.24	40.00	0.63	7.8	90.3	Clear, Small Black Particulates	No Odor
10:35	5	175	7.66	1.15	7.28	2.24	40.00	0.61	7.7	80.7	Clear, Small Black Particulates	No Odor
10:40	5	175	7.66	1.38	7.28	2.24	40.00	0.53	7.9	66.1	Clear, Small Black Particulates	No Odor
10:45	5	175	7.66	1.61	7.29	2.24	39.00	0.58	7.7	61.3	Clear, Small Black Particulates	No Odor
10:50	5	175	7.66	1.84	7.30	2.23	34.20	0.48	7.7	56.1	Clear, Small Black Particulates	No Odor
10:55	5	175	7.66	2.07	7.30	2.22	28.00	0.40	7.9	51.4	Clear, Small Black Particulates	No Odor
11:00	5	175	7.66	2.30	7.30	2.18	19.40	0.35	7.9	46.3	Clear, Small Black Particulates	No Odor
11:05	5	175	7.66	2.53	7.31	2.16	16.70	0.38	7.9	44.6	Clear, Small Black Particulates	No Odor
11:10	5	175	7.66	2.76	7.31	2.14	11.00	0.36	7.9	43.1	Clear, Small Black Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-81S			Date	2-17-21
Project Name/Location	Ford LTP			Weather	-2.2 degrees F.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.62	Total Depth (ft-bmp)	12.54	Water Column (ft.)	4.92	Gallons in Well	0.80
		Pump Intake (ft-bmp)	9.12	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.11				
Sample Time: Label	9:38	Volume Purged	2.49 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	8:34						
Purge End	9:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:35	0	175	8.31	0.00	7.60	2.42	40.00	5.33	6.5	230.4	Clear	No Odor
8:40	5	175	8.31	0.23	7.70	2.22	60.90	0.84	6.5	189.2	Clear	No Odor
8:45	5	175	8.46	0.46	7.70	2.20	49.70	0.90	9.3	169.5	Clear	No Odor
8:50	5	150	8.52	0.69	7.66	2.19	68.80	1.05	6.5	166.7	Clear	No Odor
8:55	5	150	8.55	0.89	7.64	2.15	73.50	0.55	6.8	160.0	Clear	No Odor
9:00	5	150	8.49	1.09	7.60	2.13	72.30	0.49	7.0	163.3	Clear, Small Black Particulates	No Odor
9:05	5	150	8.22	1.29	7.61	2.15	66.00	0.45	6.3	149.5	Clear, Small Black Particulates	No Odor
9:10	5	150	8.22	1.49	7.60	2.10	66.00	0.44	6.3	147.2	Clear, Small Black Particulates	No Odor
9:15	5	150	8.31	1.69	7.59	2.12	66.00	0.43	6.3	138.6	Clear, Small Black Particulates	No Odor
9:20	5	150	8.31	1.89	7.56	2.13	66.00	0.49	5.9	132.2	Clear, Small Black Particulates	No Odor
9:25	5	150	8.31	2.09	7.55	2.11	66.00	0.49	6.0	131.1	Clear, Small Black Particulates	No Odor
9:30	5	150	8.26	2.29	7.54	2.11	48.80	0.52	5.2	127.9	Clear, Small Black Particulates	No Odor
9:35	5	150	8.26	2.49	7.53	2.08	42.60	0.62	6.2	125.7	Clear, Small Black Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-82D			Date	2-18-21
Project Name/Location	Ford LTP			Weather	18.0 degrees F and Light Snow. The wind is blowing N/NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	18-23	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.58	Total Depth (ft-bmp)	22.73	Water Column (ft.)	14.15	Gallons in Well	2.30
		Pump Intake (ft-bmp)	20.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.20				
Sample Time: Label	10:45	Volume Purged	2.76 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	9:39						
Purge End	10:47						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:40	0	175	8.65	0.00	7.15	1.58	2.51	2.49	8.0	176.0	Clear	Slight Odor
9:45	5	175	8.65	0.23	7.23	1.37	8.12	0.42	8.8	92.8	Clear, Small Black Particulates	Slight Odor
9:50	5	175	8.65	0.46	7.28	1.39	0.02	0.24	8.4	64.4	Clear, Small Black Particulates	Slight Odor
9:55	5	175	8.65	0.69	7.29	1.43	0.75	0.22	8.6	46.8	Clear, Small Black Particulates	Slight Odor
10:00	5	175	8.61	0.92	7.29	1.49	3.02	0.18	8.6	29.8	Clear, Small Black Particulates	Slight Odor
10:05	5	175	8.61	1.15	7.29	1.52	3.02	0.21	8.4	12.3	Clear	No Odor
10:10	5	175	8.61	1.38	7.29	1.52	7.06	0.28	8.4	3.3	Clear, Small Black Particulates	No Odor
10:15	5	175	8.61	1.61	7.30	1.54	6.92	0.21	8.5	-7.4	Clear, Small Black Particulates	Slight Odor
10:20	5	175	8.61	1.84	7.30	1.54	7.78	0.22	8.4	-13.0	Clear, Small Black Particulates	Slight Odor
10:25	5	175	8.61	2.07	7.30	1.56	8.49	0.18	8.3	-18.0	Clear, Small Black Particulates	Slight Odor
10:30	5	175	8.61	2.30	7.30	1.57	4.51	0.17	8.5	-22.5	Clear, Small Black Particulates	Slight Odor
10:35	5	175	8.61	2.53	7.30	1.57	5.53	0.22	7.8	-25.5	Clear, Small Black Particulates	No Odor
10:40	5	175	8.65	2.76	7.30	1.58	5.53	0.20	7.7	-29.3	Clear, Small Black Particulates	Slight Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-82SR			Date	2-18-21
Project Name/Location	Ford LTP			Weather	19.9 degrees F and Light Snow. The wind is blowing NE at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.52	Total Depth (ft-bmp)	16.11	Water Column (ft.)	7.59	Gallons in Well	1.23
		Pump Intake (ft-bmp)	10.02	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.28				
Sample Time: Label	11:45	Volume Purged	1.58 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	11:04						
Purge End	11:47						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	175	8.01	0.00	7.18	1.40	5.03	1.92	5.8	-0.7	Clear	No Odor
11:10	5	175	8.01	0.23	7.15	1.41	40.00	1.54	4.2	7.6	Clear	No Odor
11:15	5	150	8.01	0.46	7.12	1.39	40.00	2.79	6.3	15.8	Clear	No Odor
11:20	5	175	8.01	0.66	7.12	1.39	40.00	1.86	6.6	16.1	Clear	No Odor
11:25	5	175	8.01	0.89	7.11	1.39	40.00	0.97	7.1	16.3	Clear	No Odor
11:30	5	175	8.01	1.12	7.09	1.38	40.00	0.56	7.2	14.9	Clear	No Odor
11:35	5	175	8.01	1.35	7.10	1.38	40.00	0.59	7.0	15.4	Clear	No Odor
11:40	5	175	8.01	1.58	7.10	1.38	40.00	0.55	7.1	15.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-83			Date	2-22-21
Project Name/Location	Ford LTP			Weather	34.0 degrees F and Cloudy and Windy. The wind is blowing W/SW at 19.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.89	Total Depth (ft-bmp)	12.43	Water Column (ft.)	4.54	Gallons in Well	0.74
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.18				
Sample Time: Label	13:37	Volume Purged	1.61 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	12:59						
Purge End	13:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:00	0	175	7.94	0.00	7.50	2.18	0.66	1.28	7.4	230.4	Clear, Small White Particulates	No Odor
13:05	5	175	7.94	0.23	7.40	2.25	1.46	0.70	7.8	228.9	Clear, Small White Particulates	No Odor
13:10	5	175	7.94	0.46	7.39	2.22	0.02	0.32	7.8	221.1	Clear, Small White Particulates	No Odor
13:15	5	175	7.94	0.69	7.39	2.23	0.02	0.49	7.5	215.1	Clear	No Odor
13:20	5	175	7.94	0.92	7.39	2.21	0.02	0.30	7.6	209.2	Clear	No Odor
13:25	5	175	7.94	1.15	7.39	2.22	0.02	0.29	7.6	203.4	Clear, Small White Particulates	No Odor
13:30	5	175	7.94	1.38	7.38	2.21	0.02	0.30	7.5	197.8	Clear	No Odor
13:35	5	175	7.94	1.61	7.38	2.22	0.02	0.22	7.4	193.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-83S			Date	2-22-21
Project Name/Location		Ford LTP		Weather	34.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.14	Total Depth (ft-bmp)	12.79	Water Column (ft.)	4.65	Gallons in Well	0.76
		Pump Intake (ft-bmp)	9.64	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.82				
Sample Time: Label	14:45	Volume Purged	1.38 gallons	Replicate/Code No.	MW-83S-MS_022221, MW-83S-MSD_022221	Sampled by	Allyson Hartz
Purge Start	14:09						
Purge End	14:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:10	0	175	8.06	0.00	7.37	2.05	3.44	1.97	5.9	101.9	Clear	No Odor
14:15	5	175	8.06	0.23	7.35	2.05	0.53	0.37	8.0	81.5	Clear	No Odor
14:20	5	175	8.06	0.46	7.38	2.08	0.80	0.30	8.0	70.2	Clear	No Odor
14:25	5	175	8.06	0.69	7.38	2.11	0.51	0.19	8.0	64.6	Clear	No Odor
14:30	5	175	8.06	0.92	7.37	2.13	0.02	0.14	8.1	59.7	Clear	No Odor
14:35	5	175	8.06	1.15	7.37	2.14	0.02	0.12	8.1	54.1	Clear	No Odor
14:40	5	175	8.06	1.38	7.37	2.15	0.02	0.09	8.1	49.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-84			Date	2-18-21
Project Name/Location	Ford LTP			Weather	21.0 degrees F and Light Snow. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.95	Total Depth (ft-bmp)	12.55	Water Column (ft.)	7.60	Gallons in Well	1.23
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.30				
Sample Time: Label	13:31	Volume Purged	1.6 gallons	Replicate/Code No.	MW-84-MS_021821, MW-84-MSD_021821	Sampled by	Gary Schafer
Purge Start	12:57						
Purge End	13:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:00	0	150	5.00	0.00	7.22	3.63	21.40	0.54	8.9	35.0	Clear, Small Brown Particulates	No Odor
13:05	5	150	5.00	0.20	7.22	3.65	8.26	0.40	9.0	20.6	Clear, Small White Particulates	No Odor
13:10	5	150	5.00	0.40	7.23	3.72	6.80	0.27	8.9	12.4	Clear, Small White Particulates	No Odor
13:15	5	150	5.00	0.60	7.24	3.76	8.99	0.22	8.9	2.3	Clear, Small White Particulates	No Odor
13:20	5	150	5.00	0.80	7.25	3.76	3.99	0.25	8.9	-5.2	Clear, Small White Particulates	No Odor
13:25	5	150	5.00	1.00	7.26	3.79	2.13	0.21	8.9	-12.1	Clear	No Odor
13:30	5	150	5.00	1.20	7.27	3.79	2.21	0.21	8.9	-19.0	Clear	No Odor
13:35	5	150	5.00	1.40	7.28	3.80	2.34	0.23	8.9	-23.6	Clear	No Odor
13:40	5	150	5.00	1.60	7.29	3.80	2.00	0.21	8.9	-27.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	MW-84	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-84S			Date	2-18-21
Project Name/Location		Ford LTP		Weather	24.1 degrees F and Light Snow. The wind is blowing NE at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.15	Total Depth (ft-bmp)	12.70	Water Column (ft.)	7.55	Gallons in Well	1.23
		Pump Intake (ft-bmp)	6.65	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.63				
Sample Time: Label	15:11	Volume Purged	2 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:18						
Purge End	15:16						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:20	0	150	5.15	0.00	7.19	2.54	22.20	0.87	8.6	-28.2	Clear, Small White Particulates	No Odor
14:25	5	150	5.15	0.20	7.22	2.66	19.00	0.51	8.5	-53.1	Clear, Small White Particulates	No Odor
14:30	5	150	5.15	0.40	7.26	2.84	11.50	0.58	8.3	-66.1	Clear, Small White Particulates	No Odor
14:35	5	150	5.15	0.60	7.27	2.86	12.40	0.57	8.4	-67.3	Clear	No Odor
14:40	5	150	5.15	0.80	7.28	2.91	8.94	0.67	8.4	-70.4	Clear	No Odor
14:45	5	150	5.15	1.00	7.30	2.94	6.82	0.68	8.5	-70.6	Clear	No Odor
14:50	5	150	5.15	1.20	7.30	2.98	6.32	0.76	8.5	-71.4	Clear	No Odor
14:55	5	150	5.15	1.40	7.31	3.03	5.71	0.77	8.4	-72.0	Clear	No Odor
15:00	5	150	5.15	1.60	7.31	3.04	4.10	0.79	8.4	-71.7	Clear	No Odor
15:05	5	150	5.15	1.80	7.32	3.08	4.77	0.85	8.4	-70.0	Clear	No Odor
15:10	5	150	5.15	2.00	7.33	3.10	3.79	0.85	8.5	-68.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	MW-84S	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-85			Date	2-19-21
Project Name/Location	Ford LTP			Weather	23.0 degrees F and Mostly Cloudy. The wind is blowing W at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.76	Total Depth (ft-bmp)	12.68	Water Column (ft.)	6.92	Gallons in Well	1.12
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.29				
Sample Time: Label	13:15	Volume Purged	1.44 gallons	Replicate/Code No.	DUP-07	Sampled by	Kara Donahue
Purge Start	12:07						
Purge End	13:21						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:10	0	100	5.78	0.00	7.14	3.58	53.30	0.71	5.7	130.5	Clear, Small Orange Particulates	No Odor
12:15	5	100	5.78	0.13	7.18	3.57	58.90	0.27	5.8	50.9	Clear, Small Orange Particulates	No Odor
12:20	5	100	5.78	0.26	7.18	3.57	45.90	0.20	5.8	22.4	Clear, Small Orange Particulates	No Odor
12:25	5	100	5.78	0.39	7.18	3.58	30.00	0.19	5.7	1.7	Clear, Small Orange Particulates	No Odor
12:30	5	100	5.78	0.52	7.18	3.59	31.60	0.23	5.8	-9.1	Clear, Small Orange Particulates	No Odor
12:35	5	100	5.78	0.65	7.19	3.60	29.90	0.19	5.8	-17.4	Clear, Small Orange Particulates	No Odor
12:40	5	100	5.78	0.78	7.19	3.52	30.30	17.00	5.7	-21.9	Clear, Small Orange Particulates	No Odor
12:45	5	100	5.78	0.91	7.20	3.45	23.00	0.14	5.8	-25.5	Clear, Small Orange Particulates	No Odor
12:50	5	100	5.78	1.04	7.20	3.39	19.60	0.13	5.8	-28.4	Clear	No Odor
12:55	5	100	5.78	1.05	7.20	3.33	14.60	0.11	5.7	-30.8	Clear	No Odor
13:00	5	100	5.78	1.18	7.21	3.28	10.80	0.09	5.7	-33.0	Clear	No Odor
13:05	5	100	5.78	1.31	7.21	3.25	8.96	0.09	5.8	-34.5	Clear	No Odor
13:10	5	100	5.78	1.44	7.21	3.21	7.19	0.24	5.6	-35.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-85SR			Date	2-19-21
Project Name/Location	Ford LTP			Weather	24.1 degrees F and Cloudy. The wind is blowing W/NW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.88	Total Depth (ft-bmp)	8.46	Water Column (ft.)	2.58	Gallons in Well	0.42
		Pump Intake (ft-bmp)	7.38	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.48				
Sample Time: Label	14:43	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	13:57						
Purge End	14:46						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:00	0	100	5.91	0.00	7.27	2.30	43.90	0.89	4.1	1.6	Clear, Small Orange Particulates	No Odor
14:05	5	100	5.91	0.13	7.26	2.13	10.80	0.47	4.0	-9.6	Clear, Small White Particulates	No Odor
14:10	5	100	5.91	0.26	7.25	2.07	7.50	0.48	4.1	-14.2	Clear	No Odor
14:15	5	100	5.91	0.39	7.25	2.09	6.67	0.47	3.9	-16.7	Clear	No Odor
14:20	5	100	5.90	0.52	7.25	2.08	5.72	0.43	3.9	-18.9	Clear	No Odor
14:25	5	100	5.90	0.65	7.25	2.07	4.29	0.43	4.0	-20.3	Clear	No Odor
14:30	5	100	5.90	0.78	7.25	2.08	3.05	0.41	3.9	-21.5	Clear	No Odor
14:35	5	100	5.90	0.91	7.25	2.07	4.42	0.41	3.8	-22.1	Clear	No Odor
14:40	5	100	5.90	1.04	7.25	2.06	1.01	0.38	3.8	-23.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-86			Date	2-9-21
Project Name/Location		Ford LTP		Weather	19.4 degrees F. The wind is blowing N/NE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.86	Total Depth (ft-bmp)	16.61	Water Column (ft.)	8.75	Gallons in Well	1.42
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.96				
Sample Time: Label	13:55	Volume Purged	2.79 gallons	Replicate/Code No.	MW-86-MS_020921, MW-86-MSD_020921	Sampled by	Allyson Hartz
Purge Start	12:49						
Purge End	14:04						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:50	0	200	7.87	0.00	7.71	0.58	40.00	7.55	9.6	120.6	Clear, Small Orange Particulates	No Odor
12:55	5	175	7.87	0.26	7.65	0.58	28.00	7.18	9.7	79.4	Clear, Small Orange Particulates	No Odor
13:00	5	175	7.87	0.49	7.64	0.59	13.90	6.96	10.0	38.4	Clear, Small Orange Particulates	No Odor
13:05	5	175	7.87	0.72	7.64	0.64	10.30	7.37	9.4	21.4	Clear, Small Orange Particulates	No Odor
13:10	5	175	7.87	0.95	7.63	0.71	9.27	6.89	9.4	4.2	Clear, Small Orange Particulates	No Odor
13:15	5	175	7.87	1.18	7.62	0.80	6.32	7.18	9.5	-4.5	Clear, Small Orange Particulates	No Odor
13:20	5	175	7.87	1.41	7.60	0.83	5.19	6.22	10.2	-22.6	Clear	No Odor
13:25	5	175	7.87	1.64	7.60	0.88	2.65	6.44	10.1	-30.3	Clear	No Odor
13:30	5	175	7.87	1.87	7.60	0.89	1.48	6.07	10.1	-37.3	Clear	No Odor
13:35	5	175	7.87	2.10	7.59	0.92	3.25	6.09	10.0	-43.0	Clear	No Odor
13:40	5	175	7.87	2.33	7.58	0.95	4.04	5.82	10.0	-49.0	Clear	No Odor
13:45	5	175	7.87	2.56	7.58	0.97	1.26	5.54	10.2	-56.8	Clear	No Odor
13:50	5	175	7.87	2.79	7.58	0.95	1.95	5.59	9.9	-62.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Wadsworth ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-86S			Date	2-9-21
Project Name/Location		Ford LTP		Weather	19.9 degrees F. The wind is blowing N/NW at 3.5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.04	Total Depth (ft-bmp)	12.32	Water Column (ft.)	4.28	Gallons in Well	0.70
		Pump Intake (ft-bmp)	9.54	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.30				
Sample Time: Label	12:20	Volume Purged	1.61 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	11:36						
Purge End	12:26						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:40	0	175	8.08	0.00	8.22	0.49	3.02	10.91	8.2	132.5	Clear	No Odor
11:45	5	175	8.08	0.23	7.91	0.41	4.02	11.11	8.7	122.5	Clear	No Odor
11:50	5	175	8.08	0.46	7.87	0.41	3.57	10.80	9.0	123.8	Clear	No Odor
11:55	5	175	8.08	0.69	7.86	0.41	2.71	10.68	9.1	127.0	Clear	No Odor
12:00	5	175	8.08	0.92	7.84	0.42	0.02	10.57	9.1	130.8	Clear	No Odor
12:05	5	175	8.08	1.15	7.84	0.42	0.02	10.43	9.0	134.0	Clear	No Odor
12:10	5	175	8.08	1.38	7.82	0.43	0.02	10.27	9.1	137.5	Clear	No Odor
12:15	5	175	8.08	1.61	7.81	0.43	0.02	10.13	9.1	138.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Wadsworth ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-87			Date	2-9-21
Project Name/Location		Ford LTP		Weather	21.0 degrees F. The wind is blowing SW at 3.5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.92	Total Depth (ft-bmp)	18.81	Water Column (ft.)	8.89	Gallons in Well	1.44
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.59				
Sample Time: Label	15:40	Volume Purged	2.29 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	14:38						
Purge End	15:44						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:40	0	175	9.95	0.00	8.19	0.28	0.02	12.79	5.8	165.7	Clear	No Odor
14:45	5	175	9.95	0.23	8.16	0.28	1.28	10.09	5.6	183.9	Clear	No Odor
14:50	5	175	9.95	0.46	8.16	0.28	0.57	9.84	5.4	196.1	Clear	No Odor
14:55	5	150	9.95	0.69	8.16	0.28	0.61	9.98	5.3	205.9	Clear	No Odor
15:00	5	150	9.95	0.89	8.16	0.28	0.67	9.99	5.1	216.4	Clear	No Odor
15:05	5	150	9.95	1.09	8.16	0.28	0.71	10.04	4.9	221.0	Clear	No Odor
15:10	5	150	9.95	1.29	8.16	0.28	0.02	10.34	5.3	228.1	Clear	No Odor
15:15	5	150	9.95	1.49	8.17	0.28	0.41	10.26	5.0	233.5	Clear	No Odor
15:20	5	150	9.95	1.69	8.17	0.28	0.02	10.33	4.9	236.9	Clear	No Odor
15:25	5	150	9.95	1.89	8.17	0.28	0.02	10.26	5.2	240.1	Clear	No Odor
15:30	5	150	9.95	2.09	8.17	0.28	0.61	10.26	5.1	243.8	Clear	No Odor
15:35	5	150	9.95	2.29	8.17	0.28	0.02	10.29	5.1	247.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Standish ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-87S			Date	2-15-21
Project Name/Location		Ford LTP		Weather	14.0 degrees F. The wind is blowing N at 10.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.67	Total Depth (ft-bmp)	14.13	Water Column (ft.)	4.46	Gallons in Well	0.72
		Pump Intake (ft-bmp)	11.17	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.24				
Sample Time: Label	14:00	Volume Purged	1.61 gallons	Replicate/Code No.	MW-87S-MS_021521, MW-87S-MSD_021521	Sampled by	Allyson Hartz
Purge Start	13:14						
Purge End	14:09						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:15	0	175	9.67	0.00	8.12	0.29	14.10	16.25	3.6	-11.7	Clear	No Odor
13:20	5	175	9.67	0.23	8.07	0.29	6.74	11.12	4.1	-0.2	Clear	No Odor
13:25	5	175	9.68	0.46	8.05	0.28	5.04	11.18	3.6	12.9	Clear	No Odor
13:30	5	175	9.68	0.69	8.03	0.28	5.79	10.97	3.6	22.3	Clear	No Odor
13:35	5	175	9.68	0.92	8.03	0.29	0.02	10.94	3.9	30.6	Clear	No Odor
13:40	5	175	9.68	1.15	8.03	0.28	0.02	10.81	3.7	40.2	Clear	No Odor
13:45	5	175	9.68	1.38	8.02	0.28	0.02	10.70	3.8	42.8	Clear	No Odor
13:50	5	175	9.68	1.61	8.02	0.28	0.02	10.82	3.7	48.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Standish ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-96S			Date	2-11-21
Project Name/Location		Ford LTP		Weather	24.8 degrees F. The wind is blowing N/NE at 3.5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.24	Total Depth (ft-bmp)	12.12	Water Column (ft.)	5.88	Gallons in Well	0.96
		Pump Intake (ft-bmp)	7.74	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.23				
Sample Time: Label	15:22	Volume Purged	1.18 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	14:44						
Purge End	15:27						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:45	0	150	6.26	0.00	6.28	0.66	0.02	2.11	6.8	140.7	Clear	No Odor
14:50	5	120	6.26	0.20	6.95	0.56	0.02	1.47	6.7	91.3	Clear	No Odor
14:55	5	120	6.26	0.36	7.10	0.54	0.02	1.23	6.9	69.5	Clear	No Odor
15:00	5	125	6.26	0.52	7.22	0.53	0.02	1.12	7.2	50.8	Clear	No Odor
15:05	5	125	6.26	0.69	7.25	0.53	0.02	1.04	6.3	40.9	Clear	No Odor
15:10	5	125	6.26	0.86	7.29	0.53	0.02	0.98	7.2	31.8	Clear	No Odor
15:15	5	125	6.26	1.01	7.31	0.53	0.02	0.92	7.1	27.2	Clear	No Odor
15:20	5	125	6.26	1.18	7.32	0.54	0.02	0.89	7.3	22.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-97S			Date	2-11-21
Project Name/Location	Ford LTP			Weather	10.9 degrees F and Partly Cloudy. The wind is blowing N at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.33	Total Depth (ft-bmp)	12.02	Water Column (ft.)	6.69	Gallons in Well	1.09
		Pump Intake (ft-bmp)	6.83	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.93				
Sample Time: Label	10:26	Volume Purged	2.1 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	9:23						
Purge End	10:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:24	0	150	5.35	0.00	7.57	0.42	0.61	0.00	6.6	294.8	Clear	No Odor
9:29	5	150	5.35	0.20	7.23	0.53	0.02	0.00	7.2	290.1	Clear	No Odor
9:34	5	125	5.34	0.40	7.28	0.53	0.02	0.99	6.8	279.1	Clear	No Odor
9:39	5	125	5.34	0.57	7.34	0.53	0.02	0.72	6.9	270.3	Clear	No Odor
9:44	5	125	5.34	0.74	7.34	0.57	0.02	0.49	6.9	265.6	Clear	No Odor
9:49	5	125	5.34	0.91	7.31	0.63	0.02	0.27	6.8	262.3	Clear	No Odor
9:54	5	125	5.34	1.08	7.32	0.67	0.02	0.00	6.8	254.9	Clear	No Odor
9:59	5	125	5.34	1.25	7.33	0.70	0.02	0.00	7.0	248.4	Clear	No Odor
10:04	5	125	5.34	1.42	7.29	0.72	0.02	0.00	7.2	243.4	Clear	No Odor
10:09	5	125	5.34	1.59	7.34	0.75	0.02	0.00	7.2	235.2	Clear	No Odor
10:14	5	125	5.34	1.76	7.29	0.78	0.02	0.16	7.3	231.0	Clear	No Odor
10:19	5	125	5.34	1.93	7.30	0.81	0.02	0.41	7.1	225.0	Clear	No Odor
10:24	5	125	5.34	2.10	7.28	0.82	0.02	0.40	7.1	221.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-98S			Date	2-19-21
Project Name/Location	Ford LTP			Weather	19.9 degrees F and Haze. The wind is blowing W at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.97	Total Depth (ft-bmp)	12.08	Water Column (ft.)	9.11	Gallons in Well	1.48
		Pump Intake (ft-bmp)	4.47	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.62				
Sample Time: Label	12:11	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:07						
Purge End	12:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	150	3.00	0.00	7.34	0.71	11.60	1.80	4.8	129.1	Clear, Small White Particulates	No Odor
11:15	5	150	3.00	0.20	7.41	0.73	6.88	1.00	4.8	105.4	Clear, Small White Particulates	No Odor
11:20	5	150	3.00	0.40	7.47	0.82	8.55	0.38	4.8	71.4	Clear, Small White Particulates	No Odor
11:25	5	150	3.00	0.60	7.47	0.84	5.75	0.33	4.7	66.7	Clear	No Odor
11:30	5	150	3.00	0.80	7.48	0.90	4.76	0.31	4.8	53.6	Clear	No Odor
11:35	5	150	3.00	1.00	7.49	0.99	3.53	0.28	4.8	42.4	Clear	No Odor
11:40	5	150	3.00	1.20	7.50	1.05	5.16	0.26	4.9	30.9	Clear	No Odor
11:45	5	150	3.00	1.40	7.50	1.09	5.83	0.25	4.9	19.1	Clear	No Odor
11:50	5	150	3.00	1.60	7.51	1.10	5.62	0.24	5.0	5.4	Clear	No Odor
11:55	5	150	3.00	1.80	7.51	1.20	4.74	0.22	5.0	-2.7	Clear	No Odor
12:00	5	150	3.00	2.00	7.52	1.22	4.51	0.20	5.0	-12.0	Clear	No Odor
12:05	5	150	3.00	2.20	7.52	1.28	5.11	0.20	5.0	-23.2	Clear	No Odor
12:10	5	150	3.00	2.40	7.53	1.30	4.55	0.22	5.0	-26.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12017 Brewster	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-99S			Date	2-15-21
Project Name/Location		Ford LTP		Weather	12.2 degrees F. The wind is blowing N/NW at 12.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.37	Total Depth (ft-bmp)	12.88	Water Column (ft.)	5.51	Gallons in Well	0.90
		Pump Intake (ft-bmp)	8.87	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.07				
Sample Time: Label	12:10	Volume Purged	2.76 gallons	Replicate/Code No.	MW-99S-MS_021521, MW-99S-MSD_021521	Sampled by	Allyson Hartz
Purge Start	11:04						
Purge End	12:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	175	7.40	0.00	6.46	2.05	24.00	1.52	7.0	216.2	Clear	No Odor
11:10	5	175	7.40	0.23	7.04	1.98	13.10	1.09	6.9	189.5	Clear	No Odor
11:15	5	175	7.40	0.46	7.02	2.27	13.20	0.76	6.3	120.4	Clear	No Odor
11:20	5	175	7.40	0.69	7.18	4.45	40.00	2.06	3.9	82.2	Clear	No Odor
11:25	5	175	7.40	0.92	7.12	7.40	40.00	1.15	4.0	82.6	Clear	No Odor
11:30	5	175	7.40	1.15	7.13	7.75	40.00	1.07	3.7	76.5	Clear	No Odor
11:35	5	175	7.40	1.38	7.13	8.28	40.00	1.02	3.8	65.0	Clear	No Odor
11:40	5	175	7.40	1.61	7.15	8.06	40.00	1.25	3.5	57.5	Clear	No Odor
11:45	5	175	7.40	1.84	7.20	5.85	40.00	1.08	2.7	39.3	Clear	No Odor
11:50	5	175	7.40	2.07	7.30	4.00	40.00	1.39	2.8	33.9	Clear	No Odor
11:55	5	175	7.40	2.30	7.27	4.21	40.00	1.10	6.6	36.6	Clear	No Odor
12:00	5	175	7.40	2.53	7.26	4.38	40.00	1.08	6.8	36.0	Clear	No Odor
12:05	5	175	7.40	2.76	7.24	4.52	40.00	1.05	6.8	31.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-100S			Date	2-12-21
Project Name/Location		Ford LTP		Weather	15.8 degrees F. The wind is blowing E/NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.78	Total Depth (ft-bmp)	12.89	Water Column (ft.)	5.11	Gallons in Well	0.83
		Pump Intake (ft-bmp)	9.28	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.96				
Sample Time: Label	10:10	Volume Purged	2.46 gallons	Replicate/Code No.	MW-100S-MS_021221, MW-100S-MSD_021221	Sampled by	Allyson Hartz
Purge Start	9:03						
Purge End	10:17						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:05	0	150	7.82	0.00	7.27	4.20	25.40	1.90	7.2	199.0	Clear	No Odor
9:10	5	150	7.82	0.20	7.50	4.67	6.71	0.73	7.4	176.9	Clear	No Odor
9:15	5	150	7.82	0.40	7.41	5.46	3.91	0.48	7.6	176.8	Clear	No Odor
9:20	5	150	7.82	0.60	7.27	6.24	4.17	0.52	7.9	178.8	Clear	No Odor
9:25	5	150	7.82	0.80	7.20	6.61	3.38	0.72	7.9	175.3	Clear	No Odor
9:30	5	150	7.82	1.00	7.18	6.78	4.28	0.70	7.8	160.5	Clear	No Odor
9:35	5	150	7.82	1.20	7.18	6.95	4.08	0.90	7.8	140.1	Clear	No Odor
9:40	5	150	7.82	1.40	7.19	7.12	5.50	0.84	7.8	117.4	Clear	No Odor
9:45	5	150	7.82	1.60	7.20	7.22	5.34	0.77	7.5	103.1	Clear	No Odor
9:50	5	150	7.82	1.80	7.21	7.28	3.69	0.64	7.5	87.1	Clear	No Odor
9:55	5	175	7.82	2.00	7.21	7.30	0.16	0.84	7.6	75.5	Clear	No Odor
10:00	5	175	7.82	2.23	7.21	7.36	2.12	0.70	7.8	65.7	Clear	No Odor
10:05	5	175	7.82	2.46	7.21	7.36	3.38	0.82	7.7	57.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-101S			Date	2-12-21
Project Name/Location		Ford LTP		Weather	17.6 degrees F. The wind is blowing NE at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.23	Total Depth (ft-bmp)	14.06	Water Column (ft.)	4.83	Gallons in Well	0.78
		Pump Intake (ft-bmp)	10.73	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.31				
Sample Time: Label	11:57	Volume Purged	2.58 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	10:52						
Purge End	12:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:55	0	175	9.25	0.00	7.94	1.44	79.10	7.35	7.1	11.6	Clear	No Odor
11:00	5	175	9.25	0.23	7.81	1.36	78.90	1.97	5.8	9.0	Clear, Small Orange Particulates	No Odor
11:05	5	175	9.25	0.46	7.78	1.31	93.50	1.63	5.7	9.7	Clear, Small Orange Particulates	No Odor
11:10	5	175	9.25	0.69	7.76	1.27	84.20	1.27	5.6	2.8	Clear, Small Orange Particulates	No Odor
11:15	5	175	9.25	0.92	7.76	1.18	68.00	1.24	6.0	-2.3	Clear, Small Orange Particulates	No Odor
11:20	5	175	9.25	1.12	7.74	1.17	60.40	1.06	6.0	-12.6	Clear, Small Orange Particulates	No Odor
11:25	5	175	9.25	1.35	7.73	1.17	59.20	1.06	6.2	-24.7	Clear, Small Orange Particulates	No Odor
11:30	5	150	9.25	1.58	7.73	1.17	42.80	0.89	6.9	-31.6	Clear, Small Orange Particulates	No Odor
11:35	5	150	9.25	1.78	7.73	1.17	40.00	0.89	6.5	-32.8	Clear, Small Orange Particulates	No Odor
11:40	5	150	9.25	1.98	7.72	1.17	40.00	0.83	6.8	-36.7	Clear, Small Orange Particulates	No Odor
11:45	5	150	9.25	2.18	7.73	1.16	40.00	0.84	6.8	-38.3	Clear, Small Orange Particulates	No Odor
11:50	5	150	9.25	2.38	7.72	1.16	37.60	0.83	7.4	-41.9	Clear, Small Orange Particulates	No Odor
11:55	5	150	9.25	2.58	7.73	1.16	33.50	0.75	7.3	-42.5	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-102			Date	2-18-21
Project Name/Location		Ford LTP		Weather	21.0 degrees F and Light Snow. The wind is blowing N/NE at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.80	Total Depth (ft-bmp)	14.64	Water Column (ft.)	11.84	Gallons in Well	1.92
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.63				
Sample Time: Label	13:00	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	12:26						
Purge End	13:08						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:30	0	150	3.00	0.00	7.16	13.17	5.64	0.85	6.6	-108.8	Clear	No Odor
12:35	5	150	2.98	0.20	7.11	13.17	2.99	0.39	6.5	-104.9	Clear, Small Orange Particulates	No Odor
12:40	5	150	2.98	0.40	7.12	13.18	0.72	0.32	6.7	-104.7	Clear, Small Orange Particulates	No Odor
12:45	5	150	2.98	0.60	7.12	13.10	1.85	0.59	6.8	-103.8	Clear	No Odor
12:50	5	150	2.98	0.80	7.12	12.99	0.51	0.22	7.0	-103.8	Clear	No Odor
12:55	5	150	2.98	1.00	7.13	12.87	0.02	0.19	7.0	-103.3	Clear	No Odor
13:00	5	150	2.98	1.20	7.13	12.82	0.79	0.16	7.1	-103.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
1" = 0.04	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-102S			Date	2-18-21
Project Name/Location		Ford LTP		Weather	21.0 degrees F and Light Snow. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.12	Total Depth (ft-bmp)	12.36	Water Column (ft.)	9.24	Gallons in Well	1.50
		Pump Intake (ft-bmp)	4.62	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.91				
Sample Time: Label	14:10	Volume Purged	1.36 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:22						
Purge End	14:14						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:25	0	125	3.12	0.00	7.73	3.13	0.02	0.88	2.9	19.2	Clear	No Odor
13:30	5	125	3.12	0.17	7.57	3.33	0.02	0.52	3.0	21.8	Clear	No Odor
13:35	5	125	3.12	0.34	7.42	4.42	0.02	0.63	3.4	28.9	Clear	No Odor
13:40	5	125	3.12	0.51	7.39	4.68	0.02	0.37	3.3	30.4	Clear	No Odor
13:45	5	125	3.12	0.68	7.39	4.67	0.02	0.30	3.2	31.1	Clear	No Odor
13:50	5	125	3.12	0.85	7.41	4.86	0.02	0.45	3.5	32.2	Clear	No Odor
13:55	5	125	3.12	1.02	7.41	4.96	0.02	0.28	3.7	33.1	Clear	No Odor
14:00	5	125	3.12	1.19	7.41	4.99	0.02	0.29	3.7	33.6	Clear	No Odor
14:05	5	125	3.12	1.36	7.40	5.02	0.02	0.18	3.7	32.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-105S			Date	3-1-21
Project Name/Location		Ford LTP		Weather	37.0 degrees F and Mostly Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.63	Total Depth (ft-bmp)	11.76	Water Column (ft.)	7.13	Gallons in Well	1.16
		Pump Intake (ft-bmp)	6.13	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.98				
Sample Time: Label	16:12	Volume Purged	2.3 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	15:19						
Purge End	16:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:20	0	175	4.70	0.00	7.20	127.90	36.60	1.87	4.8	29.8	Clear, Small White Particulates	No Odor
15:25	5	175	4.70	0.23	6.88	148.90	26.20	1.79	5.0	36.9	Clear, Small White Particulates	No Odor
15:30	5	175	4.70	0.46	6.89	200.70	19.30	0.24	5.0	39.5	Clear, Small White Particulates	No Odor
15:35	5	175	4.70	0.69	7.09	263.10	13.60	0.10	5.3	30.2	Clear, Small White Particulates	No Odor
15:40	5	175	4.70	0.92	7.15	256.60	32.90	0.12	5.3	20.4	Clear, Small White Particulates	No Odor
15:45	5	175	4.70	1.15	7.22	292.30	16.50	0.05	5.5	22.3	Clear, Small White Particulates	No Odor
15:50	5	175	4.70	1.38	7.24	294.70	17.10	0.04	5.4	11.2	Clear, Small White Particulates	No Odor
15:55	5	175	4.70	1.61	7.27	306.80	14.40	0.02	5.5	1.3	Clear, Small White Particulates	No Odor
16:00	5	175	4.70	1.84	7.26	300.30	43.90	0.04	5.2	-3.1	Clear, Small Orange Particulates	No Odor
16:05	5	175	4.70	2.07	7.28	315.60	40.00	0.02	5.2	-3.3	Clear, Small Orange Particulates	No Odor
16:10	5	175	4.70	2.30	7.29	319.90	40.00	0.02	5.1	-5.6	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-106S			Date	2-11-21
Project Name/Location		Ford LTP		Weather	10.9 degrees F and Partly Cloudy. The wind is blowing N at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.05	Total Depth (ft-bmp)	11.62	Water Column (ft.)	7.57	Gallons in Well	1.23
		Pump Intake (ft-bmp)	5.55	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.75				
Sample Time: Label	10:20	Volume Purged	0.92 gallons	Replicate/Code No.	MW-106S-MS_021121, MW-106S-MSD_021121	Sampled by	Emma Witherspoon
Purge Start	9:34						
Purge End	10:32						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:40	0	100	4.18	0.00	6.82	1.33	1.38	0.71	6.4	31.3	Clear	No Odor
9:45	5	100	4.20	0.13	6.88	1.17	2.68	0.38	6.0	-5.2	Clear	No Odor
9:50	5	100	4.25	0.27	6.89	1.13	1.86	0.32	5.9	-13.4	Clear	No Odor
9:55	5	100	4.25	0.40	6.90	1.14	0.80	0.23	6.4	-16.6	Clear	No Odor
10:00	5	100	4.27	0.53	6.93	1.14	0.86	0.21	6.3	-28.9	Clear	No Odor
10:05	5	100	4.27	0.66	6.93	1.16	0.27	0.17	6.2	-36.0	Clear	No Odor
10:10	5	100	4.27	0.79	6.94	1.17	1.01	0.11	6.3	-42.6	Clear	No Odor
10:15	5	100	4.27	0.92	6.94	1.19	1.07	0.14	6.2	-42.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-107S			Date	2-15-21
Project Name/Location	Ford LTP			Weather	12.2 degrees F. The wind is blowing N at 12.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.30	Total Depth (ft-bmp)	12.15	Water Column (ft.)	5.85	Gallons in Well	0.95
		Pump Intake (ft-bmp)	7.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.28				
Sample Time: Label	12:20	Volume Purged	3.12 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	11:18						
Purge End	12:26						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	200	6.48	0.00	7.96	0.50	3.03	0.92	5.4	56.7	Clear, Small White Particulates	No Odor
11:25	5	200	6.55	0.26	7.80	0.49	3.06	0.49	5.4	50.5	Clear	No Odor
11:30	5	200	6.72	0.52	7.72	0.49	0.22	0.25	5.5	46.4	Clear	No Odor
11:35	5	200	6.78	0.78	7.69	0.49	0.02	0.30	5.4	44.4	Clear	No Odor
11:40	5	200	6.82	1.04	7.67	0.49	0.02	0.30	5.4	43.9	Clear	No Odor
11:45	5	200	6.90	1.30	7.66	0.49	0.02	0.29	5.6	43.3	Clear	No Odor
11:50	5	200	6.95	1.56	7.63	0.54	0.02	0.26	5.9	41.6	Clear	No Odor
11:55	5	200	7.00	1.82	7.59	0.57	0.02	0.29	5.8	37.0	Clear	No Odor
12:00	5	200	7.04	2.08	7.58	0.58	0.02	0.23	5.8	38.8	Clear	No Odor
12:05	5	200	7.10	2.34	7.57	0.61	0.02	0.22	5.9	42.0	Clear	No Odor
12:10	5	200	7.15	2.60	7.55	0.64	0.02	0.21	6.0	43.7	Clear	No Odor
12:15	5	200	7.20	2.86	7.54	0.64	0.02	0.21	6.1	43.8	Clear	No Odor
12:20	5	200	7.22	3.12	7.52	0.64	0.02	0.48	6.1	42.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Capitol ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-108S			Date	2-18-21
Project Name/Location		Ford LTP		Weather	21.0 degrees F and Light Snow. The wind is blowing N/NE at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.43	Total Depth (ft-bmp)	12.24	Water Column (ft.)	7.81	Gallons in Well	1.27
		Pump Intake (ft-bmp)	5.93	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.82				
Sample Time: Label	13:03	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	12:18						
Purge End	13:06						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	100	4.50	0.00	6.98	1.17	14.00	2.50	4.1	71.4	Clear, Small Orange Particulates	No Odor
12:25	5	100	4.52	0.13	6.95	1.20	4.29	0.60	4.0	46.9	Clear, Small Orange Particulates	No Odor
12:30	5	100	4.51	0.26	6.96	1.21	2.67	0.33	3.8	33.0	Clear, Small Orange Particulates	No Odor
12:35	5	100	4.51	0.39	6.97	1.22	4.18	0.24	3.9	21.4	Clear, Small Orange Particulates	No Odor
12:40	5	100	4.51	0.52	6.98	1.23	0.60	0.20	4.0	11.3	Clear	No Odor
12:45	5	100	4.52	0.65	6.98	1.24	0.02	0.16	3.9	2.1	Clear, Small Orange Particulates	No Odor
12:50	5	100	4.20	0.78	6.99	1.24	0.02	0.16	4.0	-5.7	Clear	No Odor
12:55	5	100	4.52	0.91	6.99	1.24	0.02	0.17	3.9	-10.9	Clear	No Odor
13:00	5	100	4.52	1.04	6.99	1.24	0.02	0.16	3.9	-15.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-131S			Date	2-26-21
Project Name/Location	Ford LTP			Weather	37.9 degrees F and Partly Cloudy. The wind is blowing SE at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.43	Total Depth (ft-bmp)	12.68	Water Column (ft.)	7.25	Gallons in Well	1.18
		Pump Intake (ft-bmp)	6.63	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.32				
Sample Time: Label	16:03	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	14:58						
Purge End	16:06						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:00	0	100	5.46	0.00	7.45	0.91	6.14	3.72	6.0	107.4	Clear, Small Orange Particulates	No Odor
15:05	5	100	5.46	0.13	7.01	0.92	4.32	1.56	6.0	115.4	Clear, Small Orange Particulates	No Odor
15:10	5	100	5.46	0.26	7.11	0.91	3.13	1.23	6.0	98.1	Clear, Small Orange Particulates	No Odor
15:15	5	100	5.46	0.39	7.16	0.93	0.40	1.11	6.0	78.4	Clear	No Odor
15:20	5	100	5.47	0.52	7.20	1.41	2.44	0.37	6.2	-39.5	Clear	No Odor
15:25	5	100	5.46	0.65	7.24	1.60	2.37	0.33	6.2	-50.3	Clear	No Odor
15:30	5	100	5.46	0.78	7.24	1.95	0.02	0.29	6.2	-53.3	Clear	No Odor
15:35	5	100	5.46	0.91	7.25	2.65	0.02	0.27	6.3	-57.3	Clear	No Odor
15:40	5	100	5.46	1.04	7.27	3.23	0.02	0.21	6.2	-63.7	Clear	No Odor
15:45	5	100	5.46	1.17	7.28	3.48	0.02	0.22	6.2	-67.9	Small White Particulates	No Odor
15:50	5	100	5.46	1.30	7.28	3.63	0.02	0.27	6.2	-71.0	Clear	No Odor
15:55	5	100	5.47	1.43	7.29	3.72	0.02	0.30	6.3	-73.9	Clear	No Odor
16:00	5	100	5.47	1.56	7.29	3.78	0.02	0.30	6.2	-75.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
1" = 0.04	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-132S			Date	2-26-21
Project Name/Location		Ford LTP		Weather	33.1 degrees F and Mostly Cloudy. The wind is blowing S/SE at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.86	Total Depth (ft-bmp)	12.39	Water Column (ft.)	6.53	Gallons in Well	1.06
		Pump Intake (ft-bmp)	7.36	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.47				
Sample Time: Label	13:24	Volume Purged	1.56 gallons	Replicate/Code No.	MW-132S-MS_022621, MW-132S-MSD_022621	Sampled by	Kara Donahue
Purge Start	12:18						
Purge End	13:33						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	100	5.89	0.00	7.75	0.86	53.40	3.53	6.1	83.2	Clear, Small Brown Particulates,	No Odor
12:25	5	100	5.88	0.13	7.11	0.86	66.70	2.37	6.1	59.2	Clear, Small Brown Particulates,	No Odor
12:30	5	100	5.88	0.26	7.23	0.87	31.50	2.35	6.2	25.6	Clear, Small Brown Particulates,	No Odor
12:35	5	100	5.88	0.39	7.32	0.87	26.60	2.17	6.1	12.2	Clear, Small Brown Particulates,	No Odor
12:40	5	100	5.88	0.52	7.33	0.87	24.70	1.99	6.2	7.4	Clear, Small Brown Particulates,	No Odor
12:45	5	100	5.88	0.65	7.34	0.87	15.40	1.91	6.2	2.4	Clear, Small Brown Particulates,	No Odor
12:50	5	100	5.88	0.78	7.35	0.87	11.30	1.94	6.1	0.4	Clear	No Odor
12:55	5	100	5.88	0.91	7.34	0.89	5.85	1.60	6.3	-6.9	Clear	No Odor
13:00	5	100	5.88	1.04	7.33	0.94	4.72	1.38	6.4	-9.3	Clear	No Odor
13:05	5	100	5.88	1.17	7.32	1.04	2.25	1.19	6.4	-7.4	Clear	No Odor
13:10	5	100	5.88	1.30	7.30	1.17	1.88	1.10	6.3	-4.8	Clear	No Odor
13:15	5	100	5.88	1.43	7.28	1.30	1.41	1.04	6.3	-4.5	Clear	No Odor
13:20	5	100	5.88	1.56	7.30	1.41	0.02	0.98	6.4	-4.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-133S			Date	2-22-21
Project Name/Location		Ford LTP		Weather	36.0 degrees F and Light Rain. The wind is blowing W/SW at 18.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.03	Total Depth (ft-bmp)	8.49	Water Column (ft.)	1.46	Gallons in Well	0.24
		Pump Intake (ft-bmp)	8.03	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.75				
Sample Time: Label	10:35	Volume Purged	1.38 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	9:57						
Purge End	10:41						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:58	0	175	7.11	0.00	7.06	0.87	8.56	1.20	7.0	179.3	Clear, Small White Particulates	No Odor
10:03	5	175	7.11	0.23	7.06	0.78	7.72	0.78	7.1	162.2	Clear, Small White Particulates	No Odor
10:08	5	175	7.11	0.46	7.07	0.77	2.99	0.58	7.2	160.9	Clear, Small White Particulates	No Odor
10:13	5	175	7.11	0.69	7.06	0.77	0.02	0.59	7.1	162.0	Clear	No Odor
10:18	5	175	7.11	0.92	7.10	0.77	0.90	0.43	7.1	162.6	Clear	No Odor
10:23	5	175	7.11	1.15	7.11	0.75	0.02	0.49	7.0	164.8	Clear	No Odor
10:28	5	175	7.10	1.38	7.12	0.75	0.02	0.46	7.1	166.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-134S			Date	2-19-21
Project Name/Location	Ford LTP			Weather	19.9 degrees F and Haze. The wind is blowing W at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.95	Total Depth (ft-bmp)	9.44	Water Column (ft.)	1.49	Gallons in Well	0.24
		Pump Intake (ft-bmp)	8.95	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	10.63				
Sample Time: Label	11:55	Volume Purged	2.55 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	10:49						
Purge End	11:57						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	175	8.01	0.00	7.48	0.63	30.70	3.25	6.5	39.3	Clear, Small White Particulates	No Odor
10:55	5	175	8.01	0.23	7.35	0.65	40.00	3.25	6.8	34.1	Clear, Small White Particulates	No Odor
11:00	5	150	8.01	0.46	7.36	0.66	40.00	1.85	6.8	35.0	Clear	No Odor
11:05	5	150	8.01	0.66	7.32	0.65	40.00	1.41	6.9	34.7	Clear	No Odor
11:10	5	175	8.01	0.86	7.32	0.64	40.00	1.21	7.1	33.4	Clear, Small White Particulates	No Odor
11:15	5	150	8.01	1.09	7.33	0.64	40.00	1.13	7.1	34.2	Clear, Small White Particulates	No Odor
11:20	5	150	8.01	1.29	7.33	0.63	40.00	0.91	7.6	35.4	Clear, Small White Particulates	No Odor
11:25	5	150	8.01	1.49	7.33	0.63	40.00	0.95	7.7	35.5	Clear, Small White Particulates	No Odor
11:30	5	175	8.01	1.69	7.33	0.63	12.00	0.94	7.8	35.6	Clear, Small White Particulates	No Odor
11:35	5	175	8.01	1.92	7.32	0.63	7.94	0.86	7.8	36.7	Clear	No Odor
11:40	5	150	8.01	2.15	7.32	0.63	6.15	0.95	7.9	37.2	Clear, Small White Particulates	No Odor
11:45	5	150	8.01	2.35	7.32	0.63	17.50	0.85	7.7	38.5	Clear, Small White Particulates	No Odor
11:50	5	150	8.01	2.55	7.31	0.63	22.40	1.50	7.1	40.9	Clear, Small White Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-135S			Date	2-18-21
Project Name/Location		Ford LTP		Weather	21.0 degrees F and Light Snow. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.91	Total Depth (ft-bmp)	9.68	Water Column (ft.)	2.77	Gallons in Well	0.45
		Pump Intake (ft-bmp)	8.41	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.07				
Sample Time: Label	13:50	Volume Purged	1.38 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	13:14						
Purge End	13:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:15	0	175	6.92	0.00	7.54	0.61	63.70	4.49	6.5	48.7	Clear, Small Black Particulates	No Odor
13:20	5	175	6.93	0.23	7.41	0.59	80.70	0.97	6.9	33.0	Clear, Small Black Particulates	No Odor
13:25	5	175	6.93	0.46	7.37	0.59	49.30	0.66	6.4	14.8	Clear, Small Black Particulates	No Odor
13:30	5	175	6.93	0.69	7.38	0.60	40.00	0.54	6.3	8.4	Clear, Small Black Particulates,	No Odor
13:35	5	175	6.93	0.92	7.37	0.60	40.00	0.50	6.2	1.0	Clear, Small Black Particulates	No Odor
13:40	5	175	6.93	1.15	7.38	0.60	40.00	0.50	6.2	-0.1	Clear, Small Black Particulates	No Odor
13:45	5	175	6.93	1.38	7.38	0.60	40.00	0.50	6.1	-2.4	Clear, Small Black Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-136S			Date	2-15-21
Project Name/Location		Ford LTP		Weather	12.0 degrees F and Light Snow. The wind is blowing N at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.10	Total Depth (ft-bmp)	7.15	Water Column (ft.)	3.05	Gallons in Well	0.50
		Pump Intake (ft-bmp)	5.60	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.80				
Sample Time: Label	10:50	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	9:48						
Purge End	10:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:50	0	150	4.22	0.00	6.95	1.54	108.00	1.64	4.4	20.6	Small Orange Particulates, Yellow	No Odor
9:55	5	150	4.25	0.20	6.94	1.54	63.10	1.40	4.0	-5.7	Small Orange Particulates, Yellow	No Odor
10:00	5	150	4.30	0.40	6.94	1.54	53.20	1.29	3.3	-4.6	Clear, Small Orange Particulates	No Odor
10:05	5	150	4.30	0.60	6.94	1.51	44.60	1.29	3.6	-13.2	Clear, Small Orange Particulates	No Odor
10:10	5	150	4.32	0.80	6.94	1.51	28.90	1.01	4.4	-24.2	Clear, Small Orange Particulates	No Odor
10:15	5	150	4.32	1.00	6.95	1.51	24.00	0.97	4.4	-28.4	Clear, Small Orange Particulates	No Odor
10:20	5	150	4.32	1.20	6.95	1.52	15.10	0.88	4.5	-28.4	Clear, Small Orange Particulates	No Odor
10:25	5	150	4.32	1.40	6.95	1.51	8.95	0.86	4.7	-28.7	Clear	No Odor
10:30	5	150	4.32	1.60	6.95	1.51	6.15	0.96	4.5	-29.6	Clear	No Odor
10:35	5	150	4.32	1.80	6.95	1.51	2.96	0.85	4.7	-29.3	Clear	No Odor
10:40	5	150	4.32	2.00	6.95	1.51	2.30	0.82	4.7	-31.0	Clear	No Odor
10:45	5	150	4.32	2.20	6.96	1.51	0.92	0.86	4.9	-32.6	Clear	No Odor
10:50	5	150	4.32	2.40	6.95	1.51	0.16	0.79	4.8	-32.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Capitol ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-137S			Date	2-10-21
Project Name/Location		Ford LTP		Weather	15.8 degrees F. The wind is blowing E/SE at 3.5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.64	Total Depth (ft-bmp)	7.02	Water Column (ft.)	3.38	Gallons in Well	0.55
		Pump Intake (ft-bmp)	5.14	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.84				
Sample Time:	Label 0:00	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
	Purge Start 11:20						
	Purge End 0:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:25	0	200	3.69	0.00	7.50	1.81	9.72	12.66	5.9	-85.0	Clear, Small Orange Particulates	No Odor
11:30	5	200	3.70	0.26	7.15	1.72	5.30	12.47	5.5	-61.8	Clear	No Odor
11:35	5	200	3.70	0.52	7.07	1.68	1.90	12.24	5.4	-54.3	Clear	No Odor
11:40	5	200	3.70	0.78	7.01	1.64	0.47	11.91	5.3	-46.0	Clear	No Odor
11:45	5	200	3.70	1.04	7.00	1.63	0.02	11.70	5.5	-43.0	Clear	No Odor
11:50	5	200	3.70	1.30	6.99	1.62	0.02	11.48	5.5	-36.2	Clear	No Odor
11:55	5	200	3.70	1.56	6.99	1.61	0.02	11.31	5.4	-33.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Brewster ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-138S			Date	2-10-21
Project Name/Location		Ford LTP		Weather	12.2 degrees F.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.06	Total Depth (ft-bmp)	5.99	Water Column (ft.)	3.93	Gallons in Well	0.64
		Pump Intake (ft-bmp)	3.56	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.86				
Sample Time: Label	10:31	Volume Purged	1.19 gallons	Replicate/Code No.	DUP-12	Sampled by	Andrew Banitt
Purge Start	9:52						
Purge End	10:41						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:53	0	125	2.12	0.00	6.41	1.42	0.02	0.00	4.1	132.8	Clear	No Odor
9:58	5	125	2.13	0.17	6.94	1.68	0.02	0.00	4.7	27.6	Clear	No Odor
10:03	5	125	2.14	0.34	7.08	1.77	0.02	0.00	4.9	-14.7	Clear	No Odor
10:08	5	125	2.14	0.51	7.14	1.77	0.02	0.00	5.0	-42.2	Clear	No Odor
10:13	5	125	2.15	0.68	7.16	1.76	0.02	0.00	5.1	-56.4	Clear	No Odor
10:18	5	125	2.14	0.85	7.16	1.75	0.02	0.00	5.1	-64.0	Clear	No Odor
10:23	5	125	2.14	1.02	7.16	1.74	0.02	0.00	5.0	-68.3	Clear	No Odor
10:28	5	125	2.14	1.19	7.19	1.73	0.02	0.00	5.0	-73.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-139S			Date	2-19-21
Project Name/Location		Ford LTP		Weather	23.0 degrees F and Mostly Cloudy. The wind is blowing W at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.62	Total Depth (ft-bmp)	6.88	Water Column (ft.)	3.26	Gallons in Well	0.53
		Pump Intake (ft-bmp)	5.12	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.57				
Sample Time:	Label 13:31	Volume Purged	1.36 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
	Purge Start 12:47						
	Purge End 13:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:50	0	125	3.63	0.00	7.40	1.04	16.90	0.81	7.5	26.4	Clear, Small Orange Particulates	No Odor
12:55	5	125	3.63	0.17	7.37	1.11	15.80	0.50	7.6	25.2	Clear, Small Orange Particulates	No Odor
13:00	5	125	3.63	0.34	7.37	1.15	12.60	0.39	7.5	19.3	Clear, Small Orange Particulates	No Odor
13:05	5	125	3.63	0.51	7.36	1.16	7.95	0.35	7.5	11.3	Clear, Small Orange Particulates	No Odor
13:10	5	125	3.63	0.68	7.36	1.17	6.50	0.36	7.5	6.0	Clear	No Odor
13:15	5	125	3.63	0.85	7.35	1.18	3.74	0.28	7.6	-0.7	Clear	No Odor
13:20	5	125	3.63	1.02	7.35	1.19	1.66	0.26	7.5	-6.8	Clear	No Odor
13:25	5	125	3.63	1.19	7.35	1.19	1.20	0.24	7.6	-12.8	Clear	No Odor
13:30	5	125	3.63	1.36	7.35	1.19	1.33	0.23	7.5	-16.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12066 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-140S			Date	2-15-21
Project Name/Location		Ford LTP		Weather	15.8 degrees F. The wind is blowing N at 11.5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.75	Total Depth (ft-bmp)	6.45	Water Column (ft.)	1.70	Gallons in Well	0.28
		Pump Intake (ft-bmp)	6.25	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.46				
Sample Time:	Label 14:31	Volume Purged	1.53 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
	Purge Start 13:43						
	Purge End 14:44						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:45	0	125	4.80	0.00	8.19	0.25	3.04	1.99	5.9	65.0	Clear	Faint Odor
13:50	5	125	4.80	0.17	8.14	0.25	4.98	1.81	5.8	65.6	Clear	No Odor
13:55	5	125	4.80	0.34	7.97	0.35	2.35	1.04	6.0	70.3	Clear	No Odor
14:00	5	125	4.80	0.51	7.93	0.37	1.69	0.93	6.0	70.6	Clear	No Odor
14:05	5	125	4.80	0.68	7.89	0.38	1.06	0.90	6.1	70.8	Clear	No Odor
14:10	5	125	4.80	0.85	7.87	0.39	0.78	0.89	6.2	71.1	Clear	No Odor
14:15	5	125	4.80	1.02	7.86	0.40	0.64	0.70	6.2	71.2	Clear	No Odor
14:20	5	125	4.80	1.19	7.84	0.40	0.56	0.70	6.0	71.9	Clear	No Odor
14:25	5	125	4.80	1.36	7.84	0.40	1.08	0.69	6.1	72.0	Clear	No Odor
14:30	5	125	4.80	1.53	7.84	0.41	0.78	0.67	6.0	72.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12067 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-141S			Date	2-15-21
Project Name/Location	Ford LTP			Weather	12.2 degrees F and Snowing. The wind is blowing N/NW at 12.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.40	Total Depth (ft-bmp)	7.68	Water Column (ft.)	1.28	Gallons in Well	0.21
		Pump Intake (ft-bmp)	7.04	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	7.29				
Sample Time: Label	12:11	Volume Purged	1.53 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:23						
Purge End	12:22						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:25	0	125	6.56	0.00	7.16	0.90	3.13	2.66	6.8	75.0	Clear	No Odor
11:30	5	125	6.60	0.17	7.19	0.89	4.29	2.00	6.6	71.4	Clear	No Odor
11:35	5	125	6.60	0.34	7.21	0.89	2.64	1.83	6.7	67.2	Clear	No Odor
11:40	5	125	6.60	0.51	7.22	0.89	1.42	1.70	6.6	65.5	Clear	No Odor
11:45	5	125	6.60	0.68	7.23	0.89	1.13	1.60	6.6	64.6	Clear	No Odor
11:50	5	125	6.60	0.85	7.24	0.89	1.06	1.62	6.6	65.2	Clear	No Odor
11:55	5	125	6.60	1.02	7.23	0.88	0.64	1.67	6.2	66.8	Clear	No Odor
12:00	5	125	6.60	1.19	7.24	0.89	0.55	1.61	6.4	66.1	Clear	No Odor
12:05	5	125	6.60	1.36	7.24	0.90	0.84	1.61	6.3	66.7	Clear	No Odor
12:10	5	125	6.60	1.53	7.25	0.91	0.95	1.60	6.3	65.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12124 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-142S			Date	2-18-21
Project Name/Location	Ford LTP			Weather	24.1 degrees F and Light Snow. The wind is blowing NE at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.80	Total Depth (ft-bmp)	6.78	Water Column (ft.)	1.98	Gallons in Well	0.32
		Pump Intake (ft-bmp)	6.30	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.88				
Sample Time: Label	15:17	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	13:58						
Purge End	15:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:00	0	100	4.89	0.00	6.85	1.12	189.00	5.72	4.9	17.6	Clear, Cloudy, Small Orange Particulates	No Odor
14:05	5	100	4.85	0.13	6.84	1.13	135.00	5.31	4.8	14.1	Clear, Small Orange Particulates	No Odor
14:10	5	100	4.86	0.26	6.84	1.24	56.80	4.23	4.8	8.7	Clear, Small Orange Particulates	No Odor
14:15	5	100	4.86	0.39	6.85	1.14	28.30	3.73	4.9	4.7	Clear	No Odor
14:20	5	100	4.86	0.52	6.85	1.15	14.10	3.52	4.9	1.3	Clear	No Odor
14:25	5	100	4.86	0.65	6.85	1.15	9.48	3.33	4.8	-3.1	Clear	No Odor
14:30	5	100	4.85	0.78	6.85	1.15	6.56	3.40	4.9	-5.8	Clear	No Odor
14:35	5	100	4.85	0.91	6.85	1.14	3.94	3.54	4.7	-7.7	Clear	No Odor
14:40	5	100	4.85	1.04	6.85	1.15	4.64	3.63	4.8	-8.8	Clear	No Odor
14:45	5	100	4.85	1.17	6.85	1.15	1.49	3.20	4.7	-10.5	Clear	No Odor
14:50	5	100	4.88	1.30	6.84	1.14	0.02	2.51	5.0	-14.1	Clear	No Odor
14:55	5	100	4.88	1.43	6.85	1.14	0.02	1.56	5.1	-15.1	Clear	No Odor
15:00	5	100	4.88	1.56	6.85	1.14	0.02	1.52	5.1	-16.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Covered by ice

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-192S			Date	2-9-21
Project Name/Location		Ford LTP		Weather	21.2 degrees F. The wind is blowing S/SW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.62	Total Depth (ft-bmp)	7.68	Water Column (ft.)	5.06	Gallons in Well	0.82
		Pump Intake (ft-bmp)	4.12	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.49				
Sample Time: Label	15:25	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	14:21						
Purge End	15:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:22	0	125	2.68	0.00	7.21	0.76	0.02	4.02	3.8	297.0	Clear	No Odor
14:27	5	125	2.75	0.17	7.40	0.90	0.02	0.60	4.0	291.1	Clear	No Odor
14:32	5	125	2.79	0.34	7.45	1.26	0.02	0.26	4.6	286.2	Clear	No Odor
14:37	5	125	2.79	0.51	7.47	1.36	0.02	0.18	4.6	253.1	Clear	No Odor
14:42	5	125	2.79	0.68	7.49	1.45	0.02	0.12	4.8	111.9	Clear	No Odor
14:47	5	125	2.79	0.85	7.45	1.48	0.02	0.11	4.7	74.0	Clear	No Odor
14:52	5	125	2.79	1.02	7.47	1.51	0.02	0.08	4.6	47.2	Clear	No Odor
14:57	5	130	2.79	1.19	7.48	1.52	0.02	0.05	4.6	25.6	Clear	No Odor
15:02	5	130	2.79	1.36	7.51	1.52	0.02	0.01	4.7	13.6	Clear	No Odor
15:07	5	125	2.79	1.53	7.48	1.53	0.02	0.04	4.6	3.4	Clear	No Odor
15:12	5	125	2.79	1.70	7.51	1.54	0.02	0.03	4.7	-11.5	Clear	No Odor
15:17	5	125	2.79	1.87	7.49	1.54	0.02	0.01	4.7	-20.5	Clear	No Odor
15:22	5	125	2.79	2.04	7.48	1.53	0.02	0.03	4.8	-30.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12036 Brewster; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-88S			Date	2-25-21
Project Name/Location		Ford LTP		Weather	30.0 degrees F and Clear. The wind is blowing NW at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.03	Total Depth (ft-bmp)	12.88	Water Column (ft.)	4.85	Gallons in Well	0.79
		Pump Intake (ft-bmp)	9.53	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.97				
Sample Time: Label	12:22	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	11:18						
Purge End	12:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	100	8.05	0.00	9.20	0.19	5.71	3.32	9.1	37.9	Clear	No Odor
11:25	5	100	8.05	0.13	8.98	0.17	1.36	0.50	8.8	48.4	Clear	No Odor
11:30	5	100	8.05	0.26	9.06	0.15	0.02	0.29	8.8	42.9	Clear	No Odor
11:35	5	100	8.05	0.39	9.17	0.15	0.02	0.20	9.0	25.1	Clear	No Odor
11:40	5	100	8.05	0.52	9.22	0.15	0.02	0.17	9.0	-6.5	Clear	No Odor
11:45	5	100	8.05	0.65	9.24	0.16	0.02	0.14	9.0	-35.7	Clear	No Odor
11:50	5	100	8.05	0.78	9.21	0.16	0.02	0.11	9.1	-52.6	Clear	No Odor
11:55	5	100	8.05	0.91	9.20	0.17	0.02	0.12	9.1	-65.8	Clear	No Odor
12:00	5	100	8.05	1.04	9.22	0.17	0.02	0.10	9.3	-79.1	Clear	No Odor
12:05	5	100	8.05	1.17	9.21	0.18	0.02	0.09	9.2	-88.6	Clear	No Odor
12:10	5	100	8.05	1.30	9.20	0.18	0.02	0.08	9.4	-95.0	Clear	No Odor
12:15	5	100	8.05	1.43	9.21	0.18	0.02	0.09	9.1	-100.9	Clear	No Odor
12:20	5	100	8.05	1.56	9.14	0.18	0.02	0.10	9.1	-103.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34965 Wadsworth; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-89S			Date	2-26-21
Project Name/Location	Ford LTP			Weather	33.1 degrees F and Mostly Cloudy. The wind is blowing S/SE at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.14	Total Depth (ft-bmp)	12.62	Water Column (ft.)	7.48	Gallons in Well	1.22
		Pump Intake (ft-bmp)	6.64	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.67				
Sample Time: Label	13:16	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:13						
Purge End	13:29						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:15	0	125	5.16	0.00	7.48	1.03	3.47	1.84	6.7	51.5	Clear	No Odor
12:20	5	125	5.16	0.17	7.47	1.99	4.23	0.74	7.1	60.9	Clear, Small White Particulates	No Odor
12:25	5	125	5.16	0.34	7.51	2.38	1.83	0.49	7.3	58.4	Clear, Small White Particulates	No Odor
12:30	5	125	5.16	0.51	7.53	2.42	2.73	0.43	7.4	53.3	Clear, Small White Particulates	No Odor
12:35	5	125	5.16	0.68	7.53	2.44	2.49	0.40	7.4	53.6	Clear	No Odor
12:40	5	125	5.16	0.85	7.52	2.45	2.89	0.41	7.3	52.9	Clear, Small White Particulates	No Odor
12:45	5	125	5.16	1.02	7.51	2.52	1.87	0.42	7.3	51.8	Clear	No Odor
12:50	5	125	5.16	1.19	7.50	2.54	1.83	0.48	7.4	50.7	Clear	No Odor
12:55	5	125	5.16	1.36	7.50	2.60	1.62	0.47	7.4	48.4	Clear	No Odor
13:00	5	125	5.16	1.53	7.48	2.62	1.36	0.42	7.4	44.6	Clear	No Odor
13:05	5	125	5.16	1.70	7.48	2.70	1.48	0.45	7.4	39.7	Clear	No Odor
13:10	5	125	5.16	1.87	7.48	2.74	1.45	0.42	7.3	33.9	Clear	No Odor
13:15	5	125	5.16	2.04	7.48	2.78	1.21	0.40	7.5	30.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34940 Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-90S			Date	2-9-21
Project Name/Location	Ford LTP			Weather	21.0 degrees F and . The wind is blowing SW at 3.5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.95	Total Depth (ft-bmp)	12.15	Water Column (ft.)	8.20	Gallons in Well	1.33
		Pump Intake (ft-bmp)	5.45	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.56				
Sample Time: Label	15:15	Volume Purged	2.08 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	14:28						
Purge End	15:17						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:30	0	200	4.21	0.00	7.21	1.11	0.34	1.53	6.4	19.2	Clear	No Odor
14:35	5	200	4.32	0.26	6.99	1.09	1.18	1.37	6.2	23.5	Clear	No Odor
14:40	5	200	4.52	0.52	6.83	1.08	1.51	1.14	6.1	22.9	Clear	No Odor
14:45	5	200	4.82	0.78	6.74	1.09	0.37	0.82	6.2	15.0	Clear	No Odor
14:50	5	200	5.00	1.04	6.73	1.10	0.17	0.66	6.2	4.1	Clear	No Odor
14:55	5	200	5.34	1.30	6.70	1.13	0.02	0.44	6.1	-17.0	Clear	No Odor
15:00	5	200	5.50	1.56	6.69	1.14	0.02	0.44	6.3	-20.4	Clear	No Odor
15:05	5	200	5.65	1.82	6.71	1.14	0.02	0.49	6.4	-15.6	Clear	No Odor
15:10	5	200	5.82	2.08	6.71	1.15	0.02	0.45	6.4	-17.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34380 Capitol; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-91S			Date	2-9-21
Project Name/Location		Ford LTP		Weather	17.6 degrees F and . The wind is blowing N at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.88	Total Depth (ft-bmp)	11.98	Water Column (ft.)	6.10	Gallons in Well	0.99
		Pump Intake (ft-bmp)	7.38	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.75				
Sample Time: Label	11:41	Volume Purged	1.73 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:47						
Purge End	11:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:49	0	125	5.93	0.00	6.84	0.94	5.58	11.53	8.3	183.7	Clear	No Odor
10:54	5	125	5.94	0.17	7.20	0.98	1.68	1.20	8.4	143.7	Clear	No Odor
10:59	5	128	5.94	0.34	7.23	1.31	0.02	0.00	8.8	75.7	Clear	No Odor
11:04	5	128	5.94	0.51	7.26	1.44	0.02	0.00	8.9	34.8	Clear	No Odor
11:09	5	125	5.94	0.68	7.26	1.48	0.02	0.00	8.9	15.5	Clear	No Odor
11:14	5	128	5.94	0.85	7.26	1.52	0.02	0.01	8.8	-7.7	Clear	No Odor
11:19	5	125	5.94	1.02	7.28	1.51	0.02	0.00	8.9	-24.0	Clear	No Odor
11:24	5	150	5.94	1.19	7.26	1.52	0.02	0.00	8.7	-34.3	Clear	No Odor
11:29	5	125	5.94	1.39	7.27	1.53	0.02	0.07	8.6	-41.6	Clear	No Odor
11:34	5	125	5.94	1.56	7.27	1.53	0.02	0.08	8.7	-46.2	Clear	No Odor
11:39	5	125	5.94	1.73	7.28	1.53	0.02	0.00	8.8	-49.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12034 Brewster; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-92S			Date	2-9-21
Project Name/Location		Ford LTP		Weather	19.4 degrees F and . The wind is blowing N/NE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.03	Total Depth (ft-bmp)	12.11	Water Column (ft.)	6.08	Gallons in Well	0.99
		Pump Intake (ft-bmp)	7.53	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.18				
Sample Time: Label	13:19	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	12:41						
Purge End	13:24						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:42	0	150	6.04	0.00	7.31	0.66	0.06	0.48	9.9	290.6	Clear	No Odor
12:47	5	130	6.04	0.20	7.49	0.68	0.02	0.03	8.9	272.1	Clear	No Odor
12:52	5	125	6.04	0.37	7.51	0.68	0.02	0.15	8.9	262.4	Clear	No Odor
12:57	5	125	6.05	0.54	7.50	0.69	0.02	1.59	8.9	259.1	Clear	No Odor
13:02	5	125	6.04	0.71	7.48	0.69	0.02	1.60	8.8	257.2	Clear	No Odor
13:07	5	100	6.04	0.88	7.45	0.69	0.02	1.18	8.5	255.7	Clear	No Odor
13:12	5	120	6.04	1.01	7.42	0.70	0.02	1.11	8.6	252.8	Clear	No Odor
13:17	5	100	6.04	1.17	7.42	0.71	0.02	1.09	8.6	249.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12036 Brewster; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-93S			Date	2-10-21
Project Name/Location		Ford LTP		Weather	17.6 degrees F and . The wind is blowing undefined at 0.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.36	Total Depth (ft-bmp)	12.05	Water Column (ft.)	5.69	Gallons in Well	0.92
		Pump Intake (ft-bmp)	7.86	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.28				
Sample Time: Label	13:11	Volume Purged	2.1 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:16						
Purge End	13:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	160	6.38	0.00	7.76	0.64	4.28	1.19	8.2	70.9	Clear	No Odor
12:25	5	160	6.38	0.21	7.78	0.68	4.36	1.02	8.2	36.7	Clear	No Odor
12:30	5	160	6.39	0.42	7.79	0.68	2.67	0.99	8.3	7.9	Clear	No Odor
12:35	5	160	6.40	0.63	7.79	0.67	2.71	0.96	8.3	-5.7	Clear	No Odor
12:40	5	160	6.40	0.84	7.79	0.68	1.35	0.92	8.2	-21.7	Clear	No Odor
12:45	5	160	6.40	1.05	7.80	0.69	1.61	0.80	8.1	-34.8	Clear	No Odor
12:50	5	160	6.40	1.26	7.80	0.68	1.16	0.84	8.2	-44.2	Clear	No Odor
12:55	5	160	6.40	1.47	7.81	0.68	1.15	0.80	8.2	50.0	Clear	No Odor
13:00	5	160	6.40	1.68	7.80	0.68	0.83	0.81	8.2	-52.7	Clear	No Odor
13:05	5	160	6.40	1.89	7.80	0.67	0.46	0.86	8.1	-54.2	Clear	No Odor
13:10	5	160	6.40	2.10	7.82	0.68	0.54	0.78	8.2	-59.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Under 6 inches of snow

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	11775 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-94S			Date	2-9-21
Project Name/Location	Ford LTP			Weather	17.1 degrees F and . The wind is blowing N at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.70	Total Depth (ft-bmp)	12.22	Water Column (ft.)	5.52	Gallons in Well	0.90
		Pump Intake (ft-bmp)	8.20	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.67				
Sample Time: Label	11:46	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:43						
Purge End	23:59						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:45	0	150	6.71	0.00	7.32	0.86	4.08	1.26	8.7	119.7	Clear	No Odor
10:50	5	150	6.71	0.20	7.36	0.84	3.44	1.10	8.7	117.1	Clear	No Odor
10:55	5	150	6.71	0.40	7.32	0.82	3.20	0.94	8.8	114.7	Clear	No Odor
11:00	5	150	6.71	0.60	7.39	0.82	2.90	0.80	8.8	114.7	Clear	No Odor
11:05	5	150	6.71	0.80	7.42	0.87	2.03	0.62	8.7	115.3	Clear	No Odor
11:10	5	150	6.71	1.00	7.43	0.87	1.47	0.59	8.7	117.7	Clear	No Odor
11:15	5	150	6.71	1.20	7.43	0.87	1.33	0.53	8.7	117.3	Clear	No Odor
11:20	5	150	6.71	1.40	7.44	0.88	1.10	0.50	8.8	117.7	Clear	No Odor
11:25	5	150	6.71	1.60	7.45	0.90	1.18	0.49	8.8	120.0	Clear	No Odor
11:30	5	150	6.71	1.80	7.45	0.93	1.14	0.48	8.6	124.1	Clear	No Odor
11:35	5	150	6.71	2.00	7.45	0.92	1.12	0.49	8.6	121.2	Clear	No Odor
11:40	5	150	6.71	2.20	7.47	0.97	1.17	0.47	8.6	128.5	Clear	No Odor
11:45	5	150	6.71	2.40	7.46	0.96	1.11	0.45	8.6	131.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	11680 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-95S			Date	2-12-21
Project Name/Location		Ford LTP		Weather	17.6 degrees F and . The wind is blowing N/NE at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.88	Total Depth (ft-bmp)	12.00	Water Column (ft.)	7.12	Gallons in Well	1.16
		Pump Intake (ft-bmp)	6.38	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.34				
Sample Time: Label	13:10	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	12:07						
Purge End	13:14						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:10	0	100	4.90	0.00	7.41	1.19	0.02	3.97	5.8	-90.4	Clear	No Odor
12:15	5	100	4.90	0.13	6.75	1.18	0.94	3.43	6.1	92.7	Clear	No Odor
12:20	5	100	4.90	0.26	6.69	1.17	0.02	3.25	6.2	96.2	Clear	No Odor
12:25	5	100	4.90	0.39	6.69	1.29	0.02	3.05	6.4	100.4	Clear	No Odor
12:30	5	100	4.90	0.52	6.73	1.59	0.02	2.06	6.7	80.1	Clear	No Odor
12:35	5	100	4.90	0.65	6.78	1.83	0.02	1.46	6.8	43.5	Clear	No Odor
12:40	5	100	4.90	0.78	6.79	1.93	0.02	1.34	6.9	27.6	Clear	No Odor
12:45	5	100	4.90	0.91	6.79	2.05	0.02	1.18	6.9	14.7	Clear	No Odor
12:50	5	100	4.90	1.04	6.79	2.18	0.02	1.12	7.0	2.8	Clear	No Odor
12:55	5	100	4.90	1.17	6.80	2.25	0.02	1.01	7.1	-5.2	Clear	No Odor
13:00	5	100	4.90	1.30	6.81	2.32	0.02	0.90	7.1	-12.6	Clear	No Odor
13:05	5	100	4.90	1.43	6.81	2.34	0.79	0.83	7.1	-14.4	Clear	No Odor
13:10	5	100	4.90	1.56	6.81	2.40	0.36	1.11	7.1	-16.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12131 Boston Post; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-103S			Date	2-9-21
Project Name/Location		Ford LTP		Weather	21.2 degrees F and . The wind is blowing undefined at 0.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.92	Total Depth (ft-bmp)	6.72	Water Column (ft.)	2.80	Gallons in Well	0.45
		Pump Intake (ft-bmp)	5.42	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.67				
Sample Time: Label	14:10	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:30						
Purge End	14:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:35	0	150	3.95	0.00	6.96	1.08	11.40	0.72	6.3	-104.0	Clear, Small Black Particulates	No Odor
13:40	5	150	3.95	0.20	6.94	1.06	6.88	0.79	6.5	-78.4	Clear	No Odor
13:45	5	150	3.95	0.40	6.95	1.07	4.92	0.72	6.5	-67.7	Clear	No Odor
13:50	5	150	3.95	0.60	6.96	1.08	1.56	0.66	6.2	-63.6	Clear	No Odor
13:55	5	150	3.95	0.80	6.98	1.09	0.95	0.60	6.1	-61.5	Clear	No Odor
14:00	5	150	3.95	1.00	6.98	1.09	0.38	0.61	6.1	-60.0	Clear	No Odor
14:05	5	150	3.95	1.20	6.98	1.09	0.04	0.60	6.0	-59.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34424 Capitol; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-104S			Date	2-23-21
Project Name/Location		Ford LTP		Weather	46.0 degrees F and Mostly Clear. The wind is blowing W/NW at 18.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.50	Total Depth (ft-bmp)	14.20	Water Column (ft.)	2.70	Gallons in Well	0.44
		Pump Intake (ft-bmp)	13.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.77				
Sample Time: Label	16:30	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	15:50						
Purge End	16:32						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:55	0	100	11.54	0.00	8.27	0.20	0.02	6.30	8.7	92.3	Clear	No Odor
16:00	5	100	11.55	0.13	8.13	0.20	0.78	6.26	8.6	82.3	Clear	No Odor
16:05	5	100	11.55	0.26	8.12	0.19	0.11	6.13	8.7	81.1	Clear	No Odor
16:10	5	100	11.55	0.39	8.11	0.19	0.30	6.06	8.7	80.3	Clear	No Odor
16:15	5	100	11.55	0.52	8.10	0.19	0.02	6.14	8.7	79.1	Clear	No Odor
16:20	5	100	11.55	0.65	8.10	0.19	0.02	6.04	8.7	79.1	Clear	No Odor
16:25	5	100	11.55	0.78	8.09	0.19	0.02	6.00	8.7	79.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34900 Standish; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-109S			Date	2-22-21
Project Name/Location		Ford LTP		Weather	34.0 degrees F and Cloudy. The wind is blowing W at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.51-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.35	Total Depth (ft-bmp)	12.30	Water Column (ft.)	4.95	Gallons in Well	0.80
		Pump Intake (ft-bmp)	8.85	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.91				
Sample Time: Label	16:11	Volume Purged	1.53 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	15:23						
Purge End	16:21						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:25	0	125	7.35	0.00	7.72	1.49	1.61	0.62	9.6	71.1	Clear	No Odor
15:30	5	125	7.35	0.17	7.67	1.68	1.56	0.48	9.5	61.6	Clear	No Odor
15:35	5	125	7.35	0.34	7.64	1.81	1.54	0.48	9.5	49.2	Clear	No Odor
15:40	5	125	7.35	0.51	7.60	1.97	1.57	0.46	9.5	37.8	Clear	No Odor
15:45	5	125	7.35	0.68	7.57	2.14	1.61	0.48	9.4	27.9	Clear	No Odor
15:50	5	125	7.35	0.85	7.55	2.27	1.69	0.47	9.5	24.7	Clear	No Odor
15:55	5	125	7.35	1.02	7.53	2.39	2.03	0.48	9.4	24.2	Clear	No Odor
16:00	5	125	7.35	1.19	7.52	2.55	1.45	0.44	9.4	22.8	Clear	No Odor
16:05	5	125	7.35	1.36	7.52	2.56	1.53	0.46	9.4	20.8	Clear	No Odor
16:10	5	125	7.35	1.53	7.52	2.57	1.47	0.47	9.4	19.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34990 Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-110S			Date	2-23-21
Project Name/Location		Ford LTP		Weather	43.0 degrees F and Mostly Clear and Windy. The wind is blowing W/NW at 19.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.75	Total Depth (ft-bmp)	12.65	Water Column (ft.)	2.90	Gallons in Well	0.47
		Pump Intake (ft-bmp)	11.25	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.66				
Sample Time: Label	15:15	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	14:37						
Purge End	15:20						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:40	0	100	9.82	0.00	8.00	0.26	1.22	7.13	9.4	77.9	Clear	No Odor
14:45	5	100	9.80	0.13	7.85	0.26	0.98	7.34	9.4	73.6	Clear	No Odor
14:50	5	100	9.80	0.26	7.78	0.26	0.52	7.24	9.4	72.0	Clear	No Odor
14:55	5	100	9.80	0.39	7.76	0.26	0.02	7.17	9.4	71.6	Clear	No Odor
15:00	5	100	9.80	0.52	7.75	0.26	0.02	7.22	9.5	72.1	Clear	No Odor
15:05	5	100	9.80	0.65	7.75	0.26	0.02	7.19	9.5	72.6	Clear	No Odor
15:10	5	100	9.80	0.78	7.75	0.26	0.02	7.23	9.3	73.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

2 functional bolts, 1 broken bolt in thread

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34850 Standish; side yard	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-111S			Date	2-19-21
Project Name/Location		Ford LTP		Weather	15.1 degrees F and Fog/Mist. The wind is blowing W at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.19	Total Depth (ft-bmp)	12.69	Water Column (ft.)	3.50	Gallons in Well	0.57
		Pump Intake (ft-bmp)	10.69	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.44				
Sample Time:	Label 10:15	Volume Purged	2.53 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
	Purge Start 9:14						
	Purge End 10:17						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:15	0	175	9.24	0.00	7.37	0.61	17.60	1.76	8.3	147.3	Clear	No Odor
9:20	5	175	9.24	0.23	7.40	0.60	4.08	0.71	7.8	79.5	Clear	No Odor
9:25	5	175	9.24	0.46	7.49	0.60	4.08	0.67	7.9	68.2	Clear	No Odor
9:30	5	175	9.24	0.69	7.47	0.60	3.96	0.53	8.0	57.3	Clear	No Odor
9:35	5	175	9.24	0.92	7.47	0.59	1.53	0.65	8.1	53.1	Clear	No Odor
9:40	5	175	9.24	1.15	7.47	0.59	0.02	0.61	8.2	46.4	Clear	No Odor
9:45	5	175	9.24	1.38	7.44	0.58	0.02	1.09	8.3	34.7	Clear	No Odor
9:50	5	175	9.24	1.61	7.45	0.58	0.02	1.05	8.5	28.9	Clear	No Odor
9:55	5	175	9.24	1.84	7.44	0.58	0.02	1.02	8.7	21.6	Clear	No Odor
10:00	5	175	9.24	2.07	7.43	0.59	3.65	1.03	8.7	11.6	Clear	No Odor
10:05	5	175	9.24	2.30	7.44	0.58	3.50	1.05	8.6	5.0	Clear	No Odor
10:10	5	175	9.24	2.53	7.44	0.58	0.02	1.09	8.6	2.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12051 Stark, front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-112S			Date	2-23-21
Project Name/Location		Ford LTP		Weather	43.0 degrees F and Mostly Clear.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.36	Total Depth (ft-bmp)	11.65	Water Column (ft.)	3.29	Gallons in Well	0.53
		Pump Intake (ft-bmp)	9.86	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.60				
Sample Time: Label	14:50	Volume Purged	1.38 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	14:13						
Purge End	14:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:15	0	175	8.43	0.00	7.80	0.42	2.53	6.39	9.1	207.0	Clear	No Odor
14:20	5	175	8.43	0.23	7.77	0.43	10.00	4.02	9.0	209.2	Clear	No Odor
14:25	5	175	8.43	0.46	7.75	0.43	10.10	3.67	9.0	210.4	Clear, Small White Particulates	No Odor
14:30	5	175	8.43	0.69	7.78	0.43	4.53	3.71	8.9	212.4	Clear	No Odor
14:35	5	175	8.43	0.92	7.77	0.43	4.21	3.44	9.0	213.1	Clear, Small White Particulates	No Odor
14:40	5	175	8.43	1.15	7.77	0.43	3.87	3.38	9.0	214.0	Clear	No Odor
14:45	5	175	8.43	1.38	7.77	0.43	3.63	3.27	9.0	214.7	Clear, Small White Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34935 Wadsworth, side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-115S			Date	2-12-21
Project Name/Location	Ford LTP			Weather	21.2 degrees F and . The wind is blowing N at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.68	Total Depth (ft-bmp)	12.55	Water Column (ft.)	6.87	Gallons in Well	1.12
		Pump Intake (ft-bmp)	7.18	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.62				
Sample Time: Label	15:29	Volume Purged	1.81 gallons	Replicate/Code No.	DUP-10	Sampled by	Andrew Banitt
Purge Start	14:40						
Purge End	15:35						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:41	0	160	5.70	0.00	7.38	1.81	18.20	2.64	7.9	113.7	Small Orange Particulates	No Odor
14:46	5	150	5.70	0.21	7.34	1.90	2.82	0.36	8.8	52.3	Small White Particulates	No Odor
14:51	5	150	5.70	0.41	7.31	1.98	2.43	0.17	8.8	31.8	Clear	No Odor
14:56	5	150	5.70	0.61	7.28	2.00	1.37	0.10	8.8	17.2	Clear	No Odor
15:01	5	150	5.70	0.81	7.27	2.01	0.80	0.14	8.8	10.0	Clear	No Odor
15:06	5	150	5.70	1.01	7.25	2.03	1.18	0.18	8.7	1.9	Clear	No Odor
15:11	5	150	5.70	1.21	7.25	2.05	1.02	0.20	8.7	-6.5	Clear	No Odor
15:16	5	150	5.70	1.41	7.24	2.07	0.47	0.21	8.7	-13.5	Clear	No Odor
15:21	5	150	5.70	1.61	7.23	2.11	1.05	0.23	8.7	-19.3	Clear	No Odor
15:26	5	150	5.70	1.81	7.23	2.11	0.99	0.22	8.7	-23.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Front yard of 12070 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-116S			Date	2-26-21
Project Name/Location		Ford LTP		Weather	23.0 degrees F and Haze. The wind is blowing S at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.34	Total Depth (ft-bmp)	12.79	Water Column (ft.)	3.45	Gallons in Well	0.56
		Pump Intake (ft-bmp)	10.84	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.86				
Sample Time: Label	9:13	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	8:27						
Purge End	9:16						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:30	0	100	9.38	0.00	6.99	0.35	2.84	4.25	8.3	190.6	Clear	No Odor
8:35	5	100	9.38	0.13	7.01	0.36	1.10	1.55	8.6	187.5	Clear	No Odor
8:40	5	100	9.38	0.26	7.24	0.48	0.02	1.20	8.8	167.5	Clear	No Odor
8:45	5	100	9.38	0.39	7.38	0.52	0.02	0.94	8.9	113.3	Clear	No Odor
8:50	5	100	9.38	0.52	7.49	0.55	0.02	0.88	8.9	98.0	Clear	No Odor
8:55	5	100	9.38	0.65	7.55	0.57	0.02	0.76	9.1	94.2	Clear	No Odor
9:00	5	100	9.38	0.78	7.60	0.58	0.02	0.61	9.1	92.7	Clear	No Odor
9:05	5	100	9.38	0.91	7.59	0.59	0.02	0.59	9.1	93.1	Clear	No Odor
9:10	5	100	9.38	1.04	7.62	0.60	0.02	0.56	9.1	90.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34851 Wadsworth backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-117S			Date	2-12-21
Project Name/Location		Ford LTP		Weather	21.2 degrees F and . The wind is blowing N at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.60	Total Depth (ft-bmp)	12.40	Water Column (ft.)	4.80	Gallons in Well	0.78
		Pump Intake (ft-bmp)	9.10	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.00				
Sample Time: Label	14:45	Volume Purged	2.34 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:58						
Purge End	14:50						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:00	0	200	7.62	0.00	8.52	3.16	0.38	3.21	8.3	58.2	Clear	No Odor
14:05	5	200	7.61	0.26	7.99	0.55	1.04	2.19	8.3	62.8	Clear	No Odor
14:10	5	200	7.62	0.52	7.26	1.18	0.11	1.02	8.6	-51.5	Clear	No Odor
14:15	5	200	7.62	0.78	7.20	1.26	0.12	0.77	8.8	-64.0	Clear	No Odor
14:20	5	200	7.62	1.04	7.17	1.40	0.02	0.73	8.8	-69.3	Clear	No Odor
14:25	5	200	7.62	1.30	7.16	1.47	0.02	0.72	8.8	-70.6	Clear	No Odor
14:30	5	200	7.62	1.56	7.15	1.55	0.02	0.62	8.8	-71.2	Clear	No Odor
14:35	5	200	7.62	1.82	7.14	1.60	0.02	0.50	8.7	-71.4	Clear	No Odor
14:40	5	200	7.62	2.08	7.13	1.61	0.25	0.53	8.8	-71.4	Clear	No Odor
14:45	5	200	7.62	2.34	7.13	1.63	0.02	0.50	8.7	-70.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12089 Boston Post; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-118S			Date	2-15-21
Project Name/Location	Ford LTP			Weather	14.0 degrees F and . The wind is blowing N at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.42	Total Depth (ft-bmp)	12.43	Water Column (ft.)	6.01	Gallons in Well	0.98
		Pump Intake (ft-bmp)	7.92	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.59				
Sample Time: Label	12:28	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	11:23						
Purge End	12:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:25	0	100	6.43	0.00	7.37	0.58	0.47	6.97	6.7	79.7	Clear	No Odor
11:30	5	100	6.43	0.13	7.29	0.68	0.98	3.23	7.0	76.2	Clear	No Odor
11:35	5	100	6.43	0.26	7.13	1.63	0.02	2.23	7.7	70.3	Clear	No Odor
11:40	5	100	6.43	0.39	7.15	1.67	0.02	1.59	7.7	47.8	Clear	No Odor
11:45	5	100	6.43	0.52	7.15	1.76	0.02	1.48	7.3	29.2	Clear	No Odor
11:50	5	100	6.43	0.65	7.15	1.81	0.02	1.55	7.5	15.6	Clear	No Odor
11:55	5	100	6.43	0.78	7.15	1.90	0.02	1.32	7.3	3.3	Clear	No Odor
12:00	5	100	6.43	0.91	7.14	1.99	0.02	1.21	7.7	-5.7	Clear	No Odor
12:05	5	100	6.43	1.04	7.14	2.13	0.02	1.21	7.6	-13.9	Clear	No Odor
12:10	5	100	6.43	1.17	7.13	2.19	0.02	1.13	7.5	-21.5	Clear	No Odor
12:15	5	100	6.43	1.30	7.13	2.24	0.02	1.12	7.7	-26.4	Clear	No Odor
12:20	5	100	6.43	1.43	7.13	2.26	0.02	1.06	7.7	-31.7	Clear	No Odor
12:25	5	100	6.43	1.56	7.12	2.30	0.02	1.09	7.8	-35.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12124 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-119S			Date	2-11-21
Project Name/Location		Ford LTP		Weather	23.0 degrees F and Partly Cloudy. The wind is blowing undefined at 0.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.71	Total Depth (ft-bmp)	12.34	Water Column (ft.)	6.63	Gallons in Well	1.08
		Pump Intake (ft-bmp)	7.21	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.22				
Sample Time: Label	15:41	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:37						
Purge End	15:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:40	0	150	5.72	0.00	7.46	0.84	1.57	1.45	7.9	-0.2	Clear	No Odor
14:45	5	150	5.72	0.20	7.46	0.85	1.03	0.86	7.8	-4.0	Clear	No Odor
14:50	5	150	5.72	0.40	7.46	0.90	1.16	0.69	7.8	-9.1	Clear	No Odor
14:55	5	150	5.72	0.60	7.46	1.02	1.64	0.54	8.0	-13.9	Clear	No Odor
15:00	5	150	5.72	0.80	7.46	1.11	0.95	0.52	8.1	-20.7	Clear	No Odor
15:05	5	150	5.72	1.00	7.47	1.16	1.03	0.53	8.1	-24.9	Clear	No Odor
15:10	5	150	5.72	1.20	7.47	1.25	0.82	0.50	8.1	-33.0	Clear	No Odor
15:15	5	150	5.72	1.40	7.46	1.30	0.81	0.52	8.1	-40.3	Clear	No Odor
15:20	5	150	5.72	1.60	7.46	1.35	0.92	0.51	8.0	-46.6	Clear	No Odor
15:25	5	150	5.72	1.80	7.46	1.40	0.88	0.54	8.0	-51.0	Clear	No Odor
15:30	5	150	5.72	2.00	7.47	1.56	0.93	0.54	8.0	-53.3	Clear	No Odor
15:35	5	150	5.72	2.20	7.47	1.55	0.72	0.53	8.1	-56.6	Clear	No Odor
15:40	5	150	5.72	2.40	7.47	1.57	0.74	0.55	8.0	-56.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Under 6 inches of snow

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12034 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-121S			Date	2-10-21
Project Name/Location		Ford LTP		Weather	12.2 degrees F and . The wind is blowing undefined at 0.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.89	Total Depth (ft-bmp)	12.07	Water Column (ft.)	5.18	Gallons in Well	0.84
		Pump Intake (ft-bmp)	8.39	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.00				
Sample Time: Label	10:56	Volume Purged	2.52 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:53						
Purge End	11:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:55	0	160	6.91	0.00	7.44	0.65	23.80	0.89	9.2	6.5	Clear	No Odor
10:00	5	160	6.91	0.21	7.46	0.62	21.60	0.69	9.0	4.2	Clear	No Odor
10:05	5	160	6.91	0.42	7.49	0.61	24.50	0.63	8.8	1.5	Clear	No Odor
10:10	5	160	6.91	0.63	7.54	0.60	19.20	0.52	8.8	-4.0	Clear	No Odor
10:15	5	160	6.91	0.84	7.55	0.60	13.70	0.48	8.8	-6.7	Clear	No Odor
10:20	5	160	6.91	1.05	7.57	0.60	15.30	0.45	8.7	-9.3	Clear	No Odor
10:25	5	160	6.91	1.26	7.57	0.60	11.90	0.42	8.7	-10.4	Clear	No Odor
10:30	5	160	6.91	1.47	7.58	0.60	12.00	0.40	8.7	-10.2	Clear	No Odor
10:35	5	160	6.91	1.68	7.59	0.60	7.58	0.40	8.6	-9.4	Clear	No Odor
10:40	5	160	6.91	1.89	7.59	0.60	6.37	0.39	8.6	-8.2	Clear	No Odor
10:45	5	160	6.91	2.10	7.59	0.60	7.66	0.36	8.6	-7.9	Clear	No Odor
10:50	5	160	6.91	2.31	7.59	0.60	6.83	0.37	8.6	-7.6	Clear	No Odor
10:55	5	160	6.91	2.52	7.60	0.60	5.78	0.37	8.0	-6.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Under 6 inches of snow

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	11710 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-123S			Date	2-10-21
Project Name/Location		Ford LTP		Weather	17.6 degrees F and . The wind is blowing S/SW at 3.5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.69	Total Depth (ft-bmp)	10.98	Water Column (ft.)	8.29	Gallons in Well	1.35
		Pump Intake (ft-bmp)	4.19	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.21				
Sample Time: Label	14:12	Volume Purged	1.63 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	13:18						
Purge End	14:18						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	100	2.74	0.00	7.58	1.37	0.02	0.00	3.7	224.6	Clear	No Odor
13:25	5	115	2.75	0.13	7.10	1.65	0.02	0.00	4.9	141.7	Clear	No Odor
13:30	5	120	2.75	0.28	7.12	1.89	0.02	0.00	5.2	54.0	Clear	No Odor
13:35	5	125	2.75	0.44	7.13	2.08	0.02	0.00	5.8	17.1	Clear	No Odor
13:40	5	125	2.75	0.61	7.14	2.10	0.02	0.00	5.7	-6.8	Clear	No Odor
13:45	5	125	2.75	0.78	7.11	2.11	0.02	0.00	5.7	-23.9	Clear	No Odor
13:50	5	125	2.75	0.95	7.12	2.12	0.02	0.00	6.1	-35.0	Clear	No Odor
13:55	5	125	2.75	1.12	7.14	2.13	0.02	0.00	6.0	-44.4	Clear	No Odor
14:00	5	125	2.75	1.29	7.12	2.13	0.02	0.00	5.8	-47.8	Clear	No Odor
14:05	5	125	2.75	1.46	7.12	2.14	0.02	0.00	5.8	-51.6	Clear	No Odor
14:10	5	120	2.75	1.63	7.12	2.15	0.02	0.00	5.7	-54.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12075 Brewster; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-125			Date	2-17-21
Project Name/Location	Ford LTP			Weather	5.0 degrees F and . The wind is blowing undefined at 0.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.15	Total Depth (ft-bmp)	11.70	Water Column (ft.)	9.55	Gallons in Well	1.55
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.16				
Sample Time: Label	10:55	Volume Purged	1.8 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	10:02						
Purge End	11:02						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:05	0	150	2.21	0.00	7.01	1.09	4.46	0.90	4.6	-129.5	Clear, Small Orange Particulates	Faint Odor
10:10	5	150	2.18	0.20	6.97	1.07	0.42	0.46	4.7	-118.7	Clear, Small Orange Particulates	No Odor
10:15	5	150	2.18	0.40	6.95	1.07	3.53	0.32	4.9	-114.3	Clear, Small Orange Particulates	No Odor
10:20	5	150	2.18	0.60	6.95	1.07	6.75	0.26	5.1	-113.0	Clear, Small Orange Particulates	No Odor
10:25	5	150	2.18	0.80	6.95	1.07	1.90	0.20	5.1	-112.6	Clear, Small Orange Particulates	No Odor
10:30	5	150	2.18	1.00	6.94	1.07	2.01	0.18	5.2	-111.4	Clear, Small Orange Particulates	No Odor
10:35	5	150	2.18	1.20	6.94	1.07	1.59	0.18	5.6	-111.0	Clear, Small Orange Particulates	No Odor
10:40	5	150	2.18	1.40	6.94	1.07	2.08	0.16	6.0	-111.1	Clear, Small Orange Particulates	No Odor
10:45	5	150	2.18	1.60	6.94	1.07	2.92	0.16	6.0	-111.0	Clear, Small Orange Particulates	No Odor
10:50	5	150	2.18	1.80	6.94	1.07	1.00	0.13	6.0	-110.3	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	35601 Veronica; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-125S			Date	2-17-21
Project Name/Location		Ford LTP		Weather	-0.4 degrees F and . The wind is blowing undefined at 0.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.25	Total Depth (ft-bmp)	6.72	Water Column (ft.)	4.47	Gallons in Well	0.73
		Pump Intake (ft-bmp)	3.75	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.25				
Sample Time: Label	9:40	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	8:55						
Purge End	9:45						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:00	0	100	2.26	0.00	6.47	0.99	2.81	1.07	1.4	-67.8	Clear, Small Black Particulates,	Faint Odor
9:05	5	100	2.27	0.13	6.53	0.99	3.48	0.36	1.9	-73.1	Clear, Turbid	Faint Odor
9:10	5	100	2.27	0.26	6.56	0.99	1.52	0.21	2.3	-76.3	Clear	Faint Odor
9:15	5	100	2.27	0.39	6.59	0.99	0.34	0.24	2.4	-79.0	Clear	No Odor
9:20	5	100	2.27	0.52	6.60	0.99	0.69	0.35	2.7	-80.6	Clear	No Odor
9:25	5	100	2.27	0.65	6.62	0.99	0.49	0.18	2.8	-82.9	Clear	No Odor
9:30	5	100	2.27	0.78	6.63	0.99	0.02	0.13	2.8	-83.6	Clear	No Odor
9:35	5	100	2.27	0.91	6.65	1.00	0.02	0.10	2.8	-85.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	35601 Veronica; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-126S			Date	2-23-21
Project Name/Location		Ford LTP		Weather	39.0 degrees F and Cloudy. Wind 19 mph W		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.73	Total Depth (ft-bmp)	12.80	Water Column (ft.)	3.07	Gallons in Well	0.50
		Pump Intake (ft-bmp)	11.23	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.82				
Sample Time: Label	11:50	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	11:04						
Purge End	11:53						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	100	9.73	0.00	8.19	0.21	0.06	1.75	9.0	36.9	Clear, Small Black Particulates,	No Odor
11:15	5	100	9.73	0.13	7.87	0.18	0.02	1.50	9.0	30.3	Clear	No Odor
11:20	5	100	9.73	0.26	7.96	0.18	0.02	1.52	9.1	26.7	Clear	No Odor
11:25	5	100	9.73	0.39	8.02	0.17	0.02	1.53	9.3	25.9	Clear	No Odor
11:30	5	100	9.73	0.52	8.06	0.17	0.02	1.59	9.4	25.9	Clear	No Odor
11:35	5	100	9.73	0.65	8.15	0.17	0.02	1.62	9.3	24.0	Clear	No Odor
11:40	5	100	9.73	0.78	8.19	0.17	0.02	1.69	9.4	23.7	Clear	No Odor
11:45	5	100	9.73	0.91	8.22	0.17	0.02	1.66	9.5	24.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34966 Standish; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-127S			Date	2-10-21
Project Name/Location	Ford LTP			Weather	16.0 degrees F and Cloudy. The wind is blowing undefined at 0.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.92	Total Depth (ft-bmp)	12.30	Water Column (ft.)	9.38	Gallons in Well	1.52
		Pump Intake (ft-bmp)	4.42	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.14				
Sample Time: Label	12:22	Volume Purged	1.73 gallons	Replicate/Code No.	DUP-13	Sampled by	Andrew Banitt
Purge Start	11:29						
Purge End	12:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:30	0	150	3.00	0.00	8.09	0.99	0.02	0.00	4.4	217.1	Clear	No Odor
11:35	5	130	2.99	0.20	7.17	1.04	0.02	0.00	4.7	196.5	Clear	No Odor
11:40	5	125	2.99	0.37	7.11	1.63	0.02	0.00	5.6	73.1	Clear	No Odor
11:45	5	125	2.99	0.54	7.14	1.66	0.02	0.00	5.9	30.0	Clear	No Odor
11:50	5	125	2.99	0.71	7.15	1.69	0.02	0.00	5.9	10.4	Clear	No Odor
11:55	5	125	2.99	0.88	7.16	1.72	0.02	0.00	5.9	-4.7	Clear	No Odor
12:00	5	125	2.99	1.05	7.16	1.76	0.02	0.00	6.2	-19.6	Clear	No Odor
12:05	5	125	2.99	1.22	7.17	1.78	0.02	0.00	6.1	-30.2	Clear	No Odor
12:10	5	128	2.99	1.39	7.17	1.80	0.02	0.00	6.1	-38.8	Clear	No Odor
12:15	5	125	2.99	1.56	7.17	1.83	0.02	0.00	6.1	-44.0	Clear	No Odor
12:20	5	125	2.99	1.73	7.17	1.84	0.02	0.00	6.1	-48.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34424 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-128S			Date	2-23-21
Project Name/Location	Ford LTP			Weather	44.1 degrees F and Mostly Clear. The wind is blowing W at 16.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.40	Total Depth (ft-bmp)	13.08	Water Column (ft.)	5.68	Gallons in Well	0.92
		Pump Intake (ft-bmp)	8.90	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.22				
Sample Time: Label	16:06	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	15:02						
Purge End	16:22						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:05	0	125	7.50	0.00	7.70	0.93	13.00	0.49	10.0	71.4	Clear	No Odor
15:10	5	125	7.52	0.17	7.70	0.92	13.40	0.38	10.0	69.7	Clear	No Odor
15:15	5	125	7.52	0.34	7.70	0.95	10.90	0.29	10.0	67.3	Clear	No Odor
15:20	5	125	7.52	0.51	7.70	0.94	10.70	0.31	10.0	65.2	Clear	No Odor
15:25	5	125	7.52	0.68	7.67	0.96	7.49	0.31	10.0	64.1	Clear	No Odor
15:30	5	125	7.52	0.85	7.64	1.02	6.40	0.33	9.9	64.3	Clear	No Odor
15:35	5	125	7.52	1.02	7.61	1.14	5.27	0.42	9.8	64.0	Clear	No Odor
15:40	5	125	7.52	1.19	7.56	1.35	3.56	0.46	9.5	66.2	Clear	No Odor
15:45	5	125	7.52	1.36	7.58	1.27	4.10	0.34	9.8	61.1	Clear	No Odor
15:50	5	125	7.52	1.53	7.55	1.35	8.59	0.43	10.0	64.0	Clear	No Odor
15:55	5	125	7.55	1.70	7.53	1.36	5.21	0.46	10.1	61.8	Clear	No Odor
16:00	5	125	7.55	1.87	7.54	1.42	4.12	0.61	10.1	56.0	Clear	No Odor
16:05	5	125	7.56	2.04	7.54	1.40	2.66	0.58	10.0	60.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34360 Capitol; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-129			Date	2-18-21
Project Name/Location		Ford LTP		Weather	21.0 degrees F and Light Snow. The wind is blowing N/NE at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.38	Total Depth (ft-bmp)	14.53	Water Column (ft.)	11.15	Gallons in Well	1.81
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.86				
Sample Time: Label	11:20	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	10:17						
Purge End	11:24						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	100	3.50	0.00	7.29	1.06	183.00	0.69	6.7	-3.1	Cloudy, Small Orange Particulates,	Faint Odor
10:25	5	100	3.50	0.13	7.29	1.05	202.00	0.37	7.2	-30.2	Cloudy, Small Orange Particulates,	Faint Odor
10:30	5	100	3.50	0.26	7.28	1.05	157.00	0.32	6.9	-39.5	Cloudy, Small Orange Particulates,	Faint Odor
10:35	5	100	3.50	0.39	7.27	1.06	123.00	0.28	6.9	-51.0	Cloudy, Small Orange Particulates,	Faint Odor
10:40	5	100	3.50	0.52	7.26	1.06	96.70	0.27	6.9	-60.8	Cloudy, Small Orange Particulates,	Faint Odor
10:45	5	100	3.50	0.65	7.26	1.06	85.40	0.49	7.0	-67.9	Cloudy, Yellow	No Odor
10:50	5	100	3.50	0.78	7.26	1.06	81.80	0.69	7.1	-74.3	Cloudy, Yellow	No Odor
10:55	5	100	3.50	0.91	7.26	1.07	76.50	0.66	7.1	-80.1	Cloudy, Yellow	No Odor
11:00	5	100	3.50	1.04	7.27	1.07	68.90	0.68	7.1	-84.8	Small Orange Particulates, Yellow	No Odor
11:05	5	100	3.50	1.17	7.27	1.07	66.10	0.66	7.1	-87.7	Small Orange Particulates, Yellow	No Odor
11:10	5	100	3.50	1.30	7.27	1.07	55.30	0.71	7.3	-91.8	Clear, Small Orange Particulates	No Odor
11:15	5	100	3.50	1.43	7.27	1.08	54.70	0.66	7.2	-97.1	Clear, Small Orange Particulates	No Odor
11:20	5	100	3.50	1.56	7.27	1.08	45.80	0.53	7.1	-98.2	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	35601 Veronica	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-129S			Date	2-18-21
Project Name/Location		Ford LTP		Weather	17.1 degrees F and Light Snow. The wind is blowing N/NE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.60	Total Depth (ft-bmp)	6.77	Water Column (ft.)	3.17	Gallons in Well	0.52
		Pump Intake (ft-bmp)	5.10	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.02				
Sample Time: Label	9:50	Volume Purged	1.57 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	8:47						
Purge End	9:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:50	0	100	3.65	0.00	6.70	1.04	583.00	2.62	3.5	-5.0	Cloudy, Orange, Small Orange Particulates	No Odor
8:55	5	108	3.70	0.13	6.73	1.04	19.20	2.25	3.5	-13.2	Clear, Small Orange Particulates	No Odor
9:00	5	100	3.61	0.27	6.78	1.04	9.90	2.35	3.4	-19.4	Clear	No Odor
9:05	5	100	3.61	0.40	6.80	1.04	14.90	2.39	3.2	-19.9	Clear	No Odor
9:10	5	100	3.61	0.53	6.82	1.04	21.10	2.34	3.2	-24.0	Clear, Small Orange Particulates	Faint Odor
9:15	5	100	3.61	0.66	6.85	1.04	1.34	2.13	3.3	-27.4	Clear	Faint Odor
9:20	5	100	3.61	0.79	6.87	1.04	0.02	2.00	3.4	-30.5	Clear	No Odor
9:25	5	100	3.61	0.92	6.89	1.05	0.02	2.09	3.6	-31.1	Clear	No Odor
9:30	5	100	3.61	1.05	6.91	1.05	0.02	1.86	3.8	-40.7	Clear	No Odor
9:35	5	100	3.61	1.18	6.93	1.05	0.02	1.95	3.9	-43.5	Clear	No Odor
9:40	5	100	3.61	1.31	6.93	1.05	0.02	2.30	4.0	-45.4	Clear	No Odor
9:45	5	100	3.61	1.44	6.94	1.05	0.02	2.30	4.0	-45.8	Clear	No Odor
9:50	5	100	3.61	1.57	6.94	1.05	0.02	1.90	4.1	-47.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	35601 Veronica	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-130S			Date	2-24-21
Project Name/Location		Ford LTP		Weather	51.1 degrees F and Partly Cloudy. The wind is blowing W/SW at 16.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.60	Total Depth (ft-bmp)	13.20	Water Column (ft.)	8.60	Gallons in Well	1.40
		Pump Intake (ft-bmp)	6.10	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.85				
Sample Time: Label	14:20	Volume Purged	1.19 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:43						
Purge End	14:29						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:45	0	125	4.60	0.00	7.36	1.14	3.54	0.76	10.2	-33.2	Clear, Small Black Particulates	No Odor
13:50	5	125	4.60	0.17	7.29	1.13	3.01	0.43	10.1	-48.8	Clear, Small Black Particulates	No Odor
13:55	5	125	4.60	0.34	7.27	1.10	0.73	0.15	10.4	-62.7	Clear	No Odor
14:00	5	125	4.60	0.51	7.28	1.24	0.08	0.11	10.6	-73.4	Clear	No Odor
14:05	5	125	4.60	0.68	7.28	1.39	0.17	0.09	10.6	-78.6	Clear, Small Black Particulates,	No Odor
14:10	5	125	4.60	0.85	7.28	1.52	0.72	0.07	10.9	-82.6	Clear	No Odor
14:15	5	125	4.60	1.02	7.28	1.56	1.11	0.07	10.9	-85.5	Clear	No Odor
14:20	5	125	4.60	1.19	7.28	1.56	0.47	0.05	11.0	-87.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34600 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-143S			Date	2-19-21
Project Name/Location		Ford LTP		Weather	23 cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.65	Total Depth (ft-bmp)	10.09	Water Column (ft.)	1.44	Gallons in Well	0.23
		Pump Intake (ft-bmp)	8.65	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	7.00				
Sample Time: Label	13:00	Volume Purged	1.61 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	12:19						
Purge End	13:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	175	8.76	0.00	7.34	0.80	13.30	2.29	8.3	92.0	Clear	No Odor
12:25	5	175	8.76	0.23	7.25	0.80	13.60	1.51	8.9	93.9	Clear	No Odor
12:30	5	175	8.76	0.46	7.25	0.79	13.20	1.01	9.1	93.2	Clear	No Odor
12:35	5	175	8.76	0.69	7.25	0.78	14.20	1.01	9.1	93.1	Clear	No Odor
12:40	5	175	8.76	0.92	7.25	0.78	6.87	0.83	9.1	93.8	Clear	No Odor
12:45	5	175	8.76	1.15	7.24	0.78	3.70	0.79	9.1	93.8	Clear	No Odor
12:50	5	175	8.76	1.38	7.25	0.78	3.70	0.82	9.1	93.7	Clear	No Odor
12:55	5	175	8.76	1.61	7.25	0.78	0.02	0.79	9.2	93.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12069 Stark	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-144S			Date	2-22-21
Project Name/Location		Ford LTP		Weather	35.1 degrees F and Cloudy. The wind is blowing W/SW at 17.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.46	Total Depth (ft-bmp)	11.73	Water Column (ft.)	2.27	Gallons in Well	0.37
		Pump Intake (ft-bmp)	10.96	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.51				
Sample Time: Label	11:41	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:38						
Purge End	11:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	125	95.00	0.00	7.22	0.56	37.00	3.73	9.0	192.1	Cloudy	No Odor
10:45	5	125	9.50	0.17	7.36	0.55	19.60	2.58	8.9	173.6	Clear, Turbid	No Odor
10:50	5	125	9.50	0.34	7.44	0.54	9.94	1.96	8.9	160.8	Clear	No Odor
10:55	5	125	9.50	0.51	7.47	0.53	8.87	1.66	8.9	149.1	Clear	No Odor
11:00	5	125	9.50	0.68	7.47	0.54	7.31	1.49	8.9	136.0	Clear	No Odor
11:05	5	125	9.50	0.85	7.48	0.54	7.59	1.42	8.5	120.8	Clear	No Odor
11:10	5	125	9.50	1.02	7.47	0.53	6.56	1.53	8.3	111.2	Clear	No Odor
11:15	5	125	9.50	1.19	7.49	0.54	5.86	1.19	8.7	95.9	Clear	No Odor
11:20	5	125	9.50	1.36	7.49	0.54	6.28	1.19	8.7	82.1	Clear	No Odor
11:25	5	125	9.50	1.53	7.49	0.54	6.16	1.16	8.6	70.8	Clear	No Odor
11:30	5	125	9.50	1.70	7.49	0.54	6.03	1.17	8.7	57.6	Clear	No Odor
11:35	5	125	9.50	1.87	7.50	0.55	4.34	1.10	8.7	56.0	Clear	No Odor
11:40	5	125	9.50	2.04	7.47	0.55	2.56	1.06	8.7	55.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Had to chip out ice inside vault that was covering j-plug

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12033 Stark	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-145S			Date	2-15-21
Project Name/Location		Ford LTP		Weather	17.6 degrees F and . The wind is blowing N/NW at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.45	Total Depth (ft-bmp)	9.95	Water Column (ft.)	2.50	Gallons in Well	0.41
		Pump Intake (ft-bmp)	8.95	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.90				
Sample Time: Label	16:00	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	15:13						
Purge End	16:03						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:15	0	150	7.55	0.00	6.69	1.69	15.00	0.73	6.8	-53.5	Clear, Small Brown Particulates	No Odor
15:20	5	150	7.50	0.20	6.67	1.69	19.10	0.43	6.7	-44.4	Clear, Small Black Particulates	No Odor
15:25	5	150	7.50	0.40	6.68	1.66	23.20	0.32	6.6	-41.8	Clear, Small Black Particulates	No Odor
15:30	5	150	7.50	0.60	6.73	1.56	8.79	0.26	6.2	-46.9	Clear	No Odor
15:35	5	150	7.50	0.80	6.77	1.50	4.32	0.16	6.0	-55.2	Clear	No Odor
15:40	5	150	7.50	1.00	6.78	1.43	3.59	0.20	6.2	-61.1	Clear	No Odor
15:45	5	150	7.50	1.20	6.79	1.39	1.79	0.20	6.6	-61.2	Clear	No Odor
15:50	5	150	7.50	1.40	6.80	1.38	0.49	0.18	6.6	-64.2	Clear	No Odor
15:55	5	150	7.50	1.60	6.80	1.37	1.09	0.19	6.6	-65.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12087 Stark; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-146S			Date	2-15-21
Project Name/Location		Ford LTP		Weather	14.0 degrees F and . The wind is blowing N at 10.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.45	Total Depth (ft-bmp)	9.85	Water Column (ft.)	3.40	Gallons in Well	0.55
		Pump Intake (ft-bmp)	7.95	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.36				
Sample Time: Label	14:30	Volume Purged	1.3 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:30						
Purge End	14:35						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:35	0	100	6.55	0.00	6.91	1.23	31.50	2.95	7.2	-45.5	Clear	No Odor
13:40	5	100	6.51	0.13	6.85	1.25	29.00	2.11	7.0	32.3	Clear	No Odor
13:45	5	100	6.52	0.26	6.82	1.28	21.70	1.66	7.1	6.7	Clear	No Odor
13:50	5	100	6.51	0.39	6.80	1.29	12.70	1.37	7.4	4.9	Clear	No Odor
13:55	5	100	6.51	0.52	6.79	1.33	8.31	1.07	7.5	-6.8	Clear	No Odor
14:00	5	100	6.51	0.65	6.78	1.36	4.45	0.91	7.5	-3.7	Clear	No Odor
14:05	5	100	6.51	0.78	6.77	1.39	2.71	0.83	7.7	-6.6	Clear	No Odor
14:10	5	100	6.51	0.91	6.77	1.41	1.75	0.78	7.7	-5.0	Clear	No Odor
14:15	5	100	6.51	1.04	6.77	1.43	0.54	0.69	7.7	-5.6	Clear	No Odor
14:20	5	100	6.51	1.17	6.76	1.44	0.72	0.70	7.7	-2.5	Clear	No Odor
14:25	5	100	6.51	1.30	6.76	1.45	0.31	0.68	7.7	-4.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34367 Capitol; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-147S			Date	2-9-21
Project Name/Location		Ford LTP		Weather	19.4 degrees F and . The wind is blowing N/NW at 4.6 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.70	Total Depth (ft-bmp)	6.73	Water Column (ft.)	2.03	Gallons in Well	0.33
		Pump Intake (ft-bmp)	6.20	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.64				
Sample Time: Label	12:30	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	11:58						
Purge End	12:35						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:00	0	150	4.90	0.00	7.02	1.26	2.59	0.86	6.4	-90.0	Clear	No Odor
12:05	5	150	4.90	0.20	7.00	1.26	1.61	0.59	6.3	-56.1	Clear	No Odor
12:10	5	150	4.90	0.40	6.99	1.40	3.53	0.43	6.8	-51.5	Clear	No Odor
12:15	5	150	4.90	0.60	7.00	1.57	0.19	0.20	6.9	-68.0	Clear	No Odor
12:20	5	150	4.90	0.80	6.96	1.55	0.02	0.21	7.0	-65.3	Clear	No Odor
12:25	5	150	4.90	1.00	7.01	1.57	0.02	0.18	7.0	-63.1	Clear	No Odor
12:30	5	150	4.90	1.20	7.01	1.57	0.02	0.24	7.1	-60.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34401 Capitol; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-148S			Date	2-11-21
Project Name/Location		Ford LTP		Weather	19.4 degrees F and . The wind is blowing N at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.40	Total Depth (ft-bmp)	6.32	Water Column (ft.)	2.92	Gallons in Well	0.47
		Pump Intake (ft-bmp)	4.90	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.32				
Sample Time:	Label 13:40	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
	Purge Start 13:00						
	Purge End 13:43						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:05	0	200	3.52	0.00	7.15	1.33	1.79	0.96	5.3	-16.1	Clear	No Odor
13:10	5	200	3.46	0.26	6.95	1.35	1.07	0.31	5.0	-19.9	Clear	No Odor
13:15	5	200	3.50	0.52	6.91	1.39	0.02	0.29	5.1	-39.5	Clear	No Odor
13:20	5	200	3.50	0.78	6.89	1.43	0.02	0.24	5.0	-49.1	Clear	No Odor
13:25	5	200	3.50	1.04	6.89	1.45	0.02	0.28	5.0	-51.3	Clear	No Odor
13:30	5	200	3.50	1.30	6.89	1.46	0.02	0.21	5.0	-52.3	Clear	No Odor
13:35	5	200	3.50	1.56	6.88	1.46	0.02	0.17	5.0	-52.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12088 Brewster; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-149S			Date	2-11-21
Project Name/Location		Ford LTP		Weather	15.8 degrees F and . The wind is blowing N at 10.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.30	Total Depth (ft-bmp)	6.50	Water Column (ft.)	4.20	Gallons in Well	0.68
		Pump Intake (ft-bmp)	3.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.35				
Sample Time: Label	12:10	Volume Purged	1.6 gallons	Replicate/Code No.	DUP-15	Sampled by	Emma Witherspoon
Purge Start	23:23						
Purge End	12:15						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:25	0	150	2.40	0.00	7.86	1.81	56.90	7.01	4.4	-64.2	Small Orange Particulates, Turbid	No Odor
11:30	5	150	2.35	0.20	7.33	1.81	50.20	6.29	4.2	-57.7	Small Orange Particulates, Turbid	No Odor
11:35	5	150	2.35	0.40	7.03	1.81	18.20	6.57	4.5	-63.9	Clear, Small Orange Particulates	No Odor
11:40	5	150	2.35	0.60	6.97	1.82	8.75	5.95	4.7	-67.0	Clear, Small Orange Particulates	No Odor
11:45	5	150	2.35	0.80	6.93	1.81	4.60	5.61	4.6	-69.3	Clear	No Odor
11:50	5	150	2.35	1.00	6.93	1.82	1.70	5.46	4.7	-71.2	Clear	No Odor
11:55	5	150	2.35	1.20	6.92	1.83	1.04	5.38	4.6	-71.6	Clear	No Odor
12:00	5	150	2.35	1.40	6.92	1.86	0.05	5.28	4.5	-70.2	Clear	No Odor
12:05	5	150	2.35	1.60	6.91	1.88	0.27	5.43	4.5	-69.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34450 Beacon; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-150S			Date	2-11-21
Project Name/Location		Ford LTP		Weather	23.0 degrees F and . The wind is blowing N at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.66	Total Depth (ft-bmp)	6.72	Water Column (ft.)	2.06	Gallons in Well	0.33
		Pump Intake (ft-bmp)	6.16	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.64				
Sample Time: Label	15:15	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	14:43						
Purge End	15:20						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:45	0	150	4.62	0.00	6.85	2.12	2.39	0.60	5.7	70.0	Clear	No Odor
14:50	5	150	4.62	0.20	6.81	2.08	0.83	0.40	5.0	57.3	Clear	No Odor
14:55	5	150	4.62	0.40	6.79	2.06	0.61	0.30	5.2	50.4	Clear	No Odor
15:00	5	150	4.62	0.60	6.80	2.07	0.02	0.20	5.3	41.8	Clear	No Odor
15:05	5	150	4.62	0.80	6.79	2.05	0.02	0.18	5.4	35.5	Clear	No Odor
15:10	5	150	4.62	1.00	6.79	2.04	0.02	0.14	5.4	31.1	Clear	No Odor
15:15	5	150	4.62	1.20	6.79	2.03	0.02	0.12	5.5	27.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34380 Beacon; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-151S			Date	2-10-21
Project Name/Location		Ford LTP		Weather	19.4 degrees F and . The wind is blowing undefined at 0.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.30	Total Depth (ft-bmp)	6.93	Water Column (ft.)	3.63	Gallons in Well	0.59
		Pump Intake (ft-bmp)	4.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.90				
Sample Time: Label	16:14	Volume Purged	1.71 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	15:15						
Purge End	16:17						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:16	0	150	3.33	0.00	9.06	0.48	48.00	1.19	2.2	200.6	Cloudy	No Odor
15:21	5	120	3.33	0.20	7.51	0.77	33.10	0.39	2.9	214.4	Clear	No Odor
15:26	5	115	3.33	0.36	7.09	1.38	1.20	0.07	4.0	147.5	Clear	No Odor
15:31	5	115	3.33	0.51	7.04	1.58	0.02	0.00	4.6	78.5	Clear	No Odor
15:36	5	115	3.33	0.66	7.07	1.64	0.02	0.00	4.7	36.4	Clear	No Odor
15:41	5	115	3.33	0.81	7.09	1.67	0.02	0.00	4.9	11.0	Clear	No Odor
15:46	5	115	3.33	0.96	7.09	1.69	0.02	0.00	5.0	-12.0	Clear	No Odor
15:51	5	115	3.33	1.11	7.10	1.69	0.02	0.00	5.0	-24.8	Clear	No Odor
15:56	5	115	3.33	1.26	7.10	1.69	0.02	0.00	5.0	-33.8	Clear	No Odor
16:01	5	115	3.34	1.41	7.11	1.70	0.02	0.00	5.1	-40.7	Clear	No Odor
16:06	5	115	3.33	1.56	7.11	1.70	0.02	0.00	5.1	-44.5	Clear	No Odor
16:11	5	115	3.33	1.71	7.11	1.71	0.02	0.00	5.2	-48.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12091 Brewster; Backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-152S			Date	2-24-21
Project Name/Location		Ford LTP		Weather	52.0 degrees F and Mostly Cloudy. The wind is blowing W/SW at 17.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.51	Total Depth (ft-bmp)	6.70	Water Column (ft.)	2.19	Gallons in Well	0.36
		Pump Intake (ft-bmp)	6.01	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.67				
Sample Time: Label	16:00	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	14:58						
Purge End	16:04						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:00	0	150	4.64	0.00	7.56	0.42	274.00	10.20	4.7	72.6	Cloudy	No Odor
15:05	5	150	4.62	0.20	7.17	0.52	192.00	8.03	5.2	14.8	Cloudy	No Odor
15:10	5	150	4.62	0.40	7.08	0.91	92.90	5.85	5.8	-31.0	Cloudy	No Odor
15:15	5	150	4.62	0.60	7.04	1.12	25.60	2.81	6.1	-36.2	Cloudy	No Odor
15:20	5	150	4.62	0.80	7.03	1.22	22.70	1.06	6.2	-39.6	Cloudy	No Odor
15:25	5	150	4.62	1.00	7.04	1.23	24.00	0.91	6.3	-41.0	Cloudy	No Odor
15:30	5	150	4.62	1.20	7.06	1.24	20.90	0.88	6.3	-42.9	Clear	No Odor
15:35	5	150	4.62	1.40	7.07	1.24	13.50	0.78	6.3	-45.3	Clear	No Odor
15:40	5	150	4.62	1.60	7.08	1.25	8.08	0.66	6.4	-46.5	Clear	No Odor
15:45	5	150	4.62	1.80	7.08	1.28	4.07	0.48	6.5	-48.9	Clear	No Odor
15:50	5	150	4.62	2.00	7.08	1.28	7.94	0.42	6.5	-50.4	Clear	No Odor
15:55	5	150	4.62	2.20	7.09	1.26	5.30	0.42	6.5	-51.1	Clear	No Odor
16:00	5	150	4.62	2.40	7.09	1.27	2.93	0.38	6.5	-51.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	34550 Beacon; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-153S			Date	2-17-21
Project Name/Location		Ford LTP		Weather	21.0 degrees F and Cloudy. The wind is blowing undefined at 0.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.58	Total Depth (ft-bmp)	6.02	Water Column (ft.)	2.44	Gallons in Well	0.40
		Pump Intake (ft-bmp)	5.08	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.27				
Sample Time: Label	15:42	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	15:02						
Purge End	15:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:05	0	100	3.61	0.00	7.35	0.95	5.51	1.02	5.0	63.0	Clear	No Odor
15:10	5	100	3.62	0.13	7.38	0.96	3.52	0.73	5.3	54.9	Clear	No Odor
15:15	5	100	3.61	0.26	7.38	0.95	0.10	0.66	5.1	50.0	Clear	No Odor
15:20	5	100	3.61	0.39	7.37	0.95	0.02	0.53	5.3	46.2	Clear	No Odor
15:25	5	100	3.61	0.52	7.37	0.94	0.02	0.51	5.3	43.3	Clear	No Odor
15:30	5	100	3.61	0.65	7.37	0.94	0.02	0.46	5.4	40.5	Clear	No Odor
15:35	5	100	3.61	0.78	7.37	0.94	0.02	0.43	5.4	39.1	Clear	No Odor
15:40	5	100	3.61	0.91	7.37	0.94	0.02	0.35	5.3	36.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Bentonite covering j-plug upon arrival. Filled back in before departure.

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34644 Beacon; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-154S			Date	2-17-21
Project Name/Location		Ford LTP		Weather	19.9 degrees F and Light Snow. The wind is blowing undefined at 0.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.32	Total Depth (ft-bmp)	7.05	Water Column (ft.)	1.73	Gallons in Well	0.28
		Pump Intake (ft-bmp)	6.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.79				
Sample Time: Label	13:42	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	13:08						
Purge End	13:46						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:10	0	100	5.33	0.00	7.60	0.79	0.02	2.66	6.5	63.0	Clear	No Odor
13:15	5	100	5.33	0.13	7.44	0.87	0.02	0.35	6.8	57.6	Clear	No Odor
13:20	5	100	5.33	0.26	7.44	0.88	0.02	0.30	6.6	53.3	Clear	No Odor
13:25	5	100	5.33	0.39	7.44	0.87	0.02	0.36	6.6	48.9	Clear	No Odor
13:30	5	100	5.33	0.52	7.44	0.88	0.02	0.34	6.6	45.0	Clear	No Odor
13:35	5	100	5.33	0.65	7.44	0.89	0.02	0.33	6.8	41.1	Clear	No Odor
13:40	5	100	5.32	0.78	7.44	0.90	0.02	0.26	6.6	38.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34682 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-155S			Date	2-12-21
Project Name/Location		Ford LTP		Weather	21.2 degrees F and . The wind is blowing N/NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.46	Total Depth (ft-bmp)	6.50	Water Column (ft.)	2.04	Gallons in Well	0.33
		Pump Intake (ft-bmp)	5.96	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.85				
Sample Time: Label	17:10	Volume Purged	1.93 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	16:16						
Purge End	17:14						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:18	0	140	4.49	0.00	7.36	0.84	167.00	5.76	6.2	52.3	Brown	No Odor
16:23	5	140	4.49	0.18	7.27	1.18	84.70	2.55	7.4	0.6	Cloudy	No Odor
16:28	5	150	4.49	0.36	7.31	1.17	28.10	1.73	7.6	-25.8	Clear	No Odor
16:33	5	125	4.49	0.56	7.29	1.14	14.90	1.04	7.4	-36.3	Clear	No Odor
16:38	5	150	4.49	0.73	7.28	1.09	9.35	0.65	7.8	-41.4	Clear	No Odor
16:43	5	150	4.49	0.93	7.27	1.10	4.17	0.22	7.9	-44.3	Clear	No Odor
16:48	5	150	4.49	1.13	7.27	1.08	3.36	0.19	7.9	-46.4	Clear	No Odor
16:53	5	150	4.49	1.33	7.26	1.06	4.23	0.09	7.9	-47.9	Clear	No Odor
16:58	5	150	4.49	1.53	7.26	1.02	3.34	0.03	7.9	-48.9	Clear	No Odor
17:03	5	150	4.49	1.73	7.25	1.04	3.38	0.04	8.0	-48.7	Clear	No Odor
17:08	5	150	4.49	1.93	7.25	1.04	4.74	0.07	7.9	-48.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12066 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-156S			Date	2-15-21
Project Name/Location		Ford LTP		Weather	12.2 degrees F and . The wind is blowing N/NW at 12.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.90	Total Depth (ft-bmp)	7.63	Water Column (ft.)	1.73	Gallons in Well	0.28
		Pump Intake (ft-bmp)	7.40	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.57				
Sample Time: Label	10:28	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	9:23						
Purge End	10:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:25	0	100	5.99	0.00	7.56	0.45	13.80	6.69	6.4	164.8	Clear	No Odor
9:30	5	100	6.01	0.13	7.52	0.43	12.80	5.99	6.3	144.6	Clear	No Odor
9:35	5	100	6.01	0.26	7.55	0.42	2.50	5.58	6.4	156.4	Clear	No Odor
9:40	5	100	6.01	0.39	7.58	0.40	0.02	5.56	6.4	140.8	Clear	No Odor
9:45	5	100	6.01	0.52	7.59	0.39	0.02	5.39	6.3	127.4	Clear	No Odor
9:50	5	100	6.01	0.65	7.60	0.38	0.02	5.35	6.3	117.7	Clear	No Odor
9:55	5	100	6.01	0.78	7.60	0.37	0.02	5.30	6.3	110.2	Clear	No Odor
10:00	5	100	6.01	0.91	7.61	0.37	0.02	5.14	6.3	104.5	Clear	No Odor
10:05	5	100	6.00	1.04	7.62	0.37	0.03	5.02	6.3	98.2	Clear	No Odor
10:10	5	100	6.00	1.17	7.62	0.36	0.02	4.84	6.3	88.3	Clear	No Odor
10:15	5	100	6.00	1.30	7.62	0.36	0.02	4.69	6.4	76.9	Clear	Faint Odor
10:20	5	100	6.00	1.43	7.63	0.36	0.02	4.72	6.3	71.4	Clear	No Odor
10:25	5	100	6.00	1.56	7.63	0.35	0.02	5.42	6.0	66.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12100 Boston Post; back yard	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-157S			Date	2-12-21
Project Name/Location		Ford LTP		Weather	23.0 degrees F and Light Snow. The wind is blowing N at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.95	Total Depth (ft-bmp)	7.20	Water Column (ft.)	1.25	Gallons in Well	0.20
		Pump Intake (ft-bmp)	6.58	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.90				
Sample Time: Label	16:00	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	15:21						
Purge End	16:03						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:25	0	100	6.03	0.00	8.21	0.24	15.30	5.09	7.2	-28.6	Clear	No Odor
15:30	5	100	6.00	0.13	8.02	0.23	21.60	4.08	7.2	32.5	Clear	No Odor
15:35	5	100	6.01	0.26	7.89	0.23	13.40	3.88	7.4	38.9	Clear	No Odor
15:40	5	100	6.01	0.39	7.86	0.23	9.61	3.67	7.2	416.0	Clear	No Odor
15:45	5	100	6.01	0.52	7.82	0.24	4.71	3.50	7.3	43.7	Clear	No Odor
15:50	5	100	6.01	0.65	7.80	0.24	3.78	3.37	7.3	45.6	Clear	No Odor
15:55	5	100	6.01	0.78	7.80	0.24	1.96	3.23	7.4	47.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12067 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-158S			Date	2-17-21
Project Name/Location		Ford LTP		Weather	1.4 degrees F and . The wind is blowing undefined at 0.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.55	Total Depth (ft-bmp)	7.42	Water Column (ft.)	1.87	Gallons in Well	0.30
		Pump Intake (ft-bmp)	7.05	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.80				
Sample Time: Label	10:51	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:47						
Purge End	10:58						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:50	0	125	6.08	0.00	7.81	0.50	40.10	1.15	6.9	-13.3	Clear, Turbid	No Odor
9:55	5	125	6.10	0.17	7.86	0.49	23.80	1.03	6.9	-31.2	Clear	No Odor
10:00	5	125	6.18	0.34	7.90	0.48	20.10	0.86	6.9	-53.6	Clear	No Odor
10:05	5	125	6.21	0.51	7.93	0.48	13.30	0.78	6.9	-60.7	Clear	No Odor
10:10	5	125	6.25	0.68	7.93	0.48	12.20	0.73	6.8	-68.4	Clear	Faint Odor
10:15	5	125	6.25	0.85	7.96	0.48	10.10	75.00	6.7	-69.1	Clear	No Odor
10:20	5	125	6.34	1.02	7.98	0.48	6.52	0.80	6.8	-67.0	Clear	No Odor
10:25	5	125	6.34	1.19	7.99	0.47	4.60	0.82	6.9	-63.1	Clear	No Odor
10:30	5	125	6.34	1.36	8.00	0.48	4.49	0.86	7.0	-58.0	Clear	No Odor
10:35	5	125	6.35	1.53	8.00	0.49	2.28	0.82	6.9	-52.0	Clear	No Odor
10:40	5	125	6.35	1.70	8.01	0.49	2.01	0.81	7.1	-46.2	Clear	No Odor
10:45	5	125	6.40	1.87	8.01	0.48	1.68	0.80	6.7	-48.7	Clear	No Odor
10:50	5	125	6.40	2.04	8.02	0.49	1.52	0.85	7.1	-33.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34950 Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-159S			Date	2-17-21
Project Name/Location	Ford LTP			Weather	21.0 degrees F and Cloudy. The wind is blowing undefined at 0.0 mph.w		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.10	Total Depth (ft-bmp)	8.50	Water Column (ft.)	1.40	Gallons in Well	0.23
		Pump Intake (ft-bmp)	7.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.43				
Sample Time: Label	15:31	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:57						
Purge End	15:42						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:00	0	125	7.14	0.00	7.66	0.64	9.98	0.88	7.9	-85.7	Clear	No Odor
15:05	5	125	7.15	0.17	7.71	0.60	2.00	0.46	7.7	-93.3	Clear	No Odor
15:10	5	125	7.15	0.34	7.71	0.60	1.79	0.45	7.6	-93.9	Clear	No Odor
15:15	5	125	7.15	0.51	7.71	0.60	1.37	0.60	7.5	-94.5	Clear	No Odor
15:20	5	125	7.15	0.68	7.71	0.60	1.09	0.64	7.5	-93.9	Clear	No Odor
15:25	5	125	7.15	0.85	7.72	0.60	1.37	0.66	7.5	-95.2	Clear	No Odor
15:30	5	125	7.15	1.02	7.71	0.61	1.25	0.62	7.4	-96.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34920 Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-160S			Date	2-12-21
Project Name/Location		Ford LTP		Weather	17.1 degrees F and Cloudy. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.70	Total Depth (ft-bmp)	7.10	Water Column (ft.)	0.40	Gallons in Well	0.06
		Pump Intake (ft-bmp)	6.90	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	23.50				
Sample Time: Label	11:10	Volume Purged	1.41 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	10:27						
Purge End	11:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	150	6.85	0.00	6.78	0.68	24.70	5.88	6.7	26.7	Clear, Turbid	No Odor
10:35	5	150	6.82	0.20	6.78	0.67	2.61	4.20	6.6	-1.8	Clear	No Odor
10:40	5	150	6.82	0.40	6.80	0.67	2.41	4.57	6.7	-2.4	Clear	No Odor
10:45	5	150	6.82	0.60	6.83	0.68	0.58	4.45	6.7	-3.8	Clear	No Odor
10:50	5	150	6.82	0.80	6.85	0.70	0.02	4.09	6.8	-16.4	Clear	No Odor
10:55	5	158	6.82	1.00	6.87	0.71	0.53	4.10	6.8	-24.3	Clear	No Odor
11:00	5	150	6.82	1.21	6.87	0.72	0.02	4.21	6.7	-23.8	Clear	No Odor
11:05	5	150	6.82	1.41	6.89	0.73	0.02	3.86	6.8	-20.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12141 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-162S			Date	2-9-21
Project Name/Location		Ford LTP		Weather	21.2 degrees F and . The wind is blowing W/NW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.97	Total Depth (ft-bmp)	7.77	Water Column (ft.)	1.80	Gallons in Well	0.29
		Pump Intake (ft-bmp)	7.47	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.72				
Sample Time: Label	16:45	Volume Purged	1.37 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	16:06						
Purge End	17:02						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:08	0	125	6.03	0.00	6.46	0.84	57.80	0.00	5.8	32.3	Orange	No Odor
16:13	5	150	6.03	0.17	7.27	0.49	17.30	0.00	6.8	-13.0	Clear	No Odor
16:18	5	150	6.03	0.37	7.45	0.50	7.24	0.00	6.9	-16.9	Clear	No Odor
16:23	5	150	6.03	0.57	7.19	0.56	106.00	0.00	7.0	-57.1	Cloudy	No Odor
16:28	5	150	6.03	0.77	7.33	0.54	28.90	0.00	7.1	-81.3	Clear	No Odor
16:33	5	150	6.03	0.97	7.40	0.54	12.80	0.00	7.1	-80.1	Clear	No Odor
16:38	5	150	6.03	1.17	7.41	0.54	12.60	0.00	7.0	-77.0	Clear	No Odor
16:43	5	150	6.03	1.37	7.42	0.55	12.00	0.00	6.9	-76.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

J plug was iced over

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	12017 Brewster; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-163S			Date	2-24-21
Project Name/Location		Ford LTP		Weather	44.1 degrees F and Mostly Clear. Winds 16 mph West		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.62	Total Depth (ft-bmp)	6.74	Water Column (ft.)	2.12	Gallons in Well	0.34
		Pump Intake (ft-bmp)	6.12	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.00				
Sample Time: Label	12:05	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	11:02						
Purge End	12:13						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	125	4.70	0.00	7.27	0.56	851.00	2.71	7.0	-68.8	Cloudy	No Odor
11:10	5	125	4.70	0.17	7.27	0.56	282.00	1.02	7.1	-63.3	Cloudy	No Odor
11:15	5	125	4.70	0.34	7.35	0.55	70.40	1.20	7.1	-59.6	Cloudy	No Odor
11:20	5	125	4.70	0.51	7.41	0.54	10.00	1.79	7.1	-43.2	Clear	No Odor
11:25	5	125	4.70	0.68	7.42	0.54	2.45	1.63	7.1	-34.4	Clear	No Odor
11:30	5	125	4.70	0.85	7.43	0.54	1.85	1.51	7.1	-26.2	Clear	No Odor
11:35	5	125	4.70	1.02	7.43	0.53	0.80	1.52	7.1	-19.8	Clear	No Odor
11:40	5	125	4.70	1.19	7.44	0.53	0.06	1.18	7.1	-18.6	Clear	No Odor
11:45	5	125	4.70	1.36	7.44	0.53	0.19	1.11	7.2	-19.4	Clear	No Odor
11:50	5	125	4.70	1.53	7.45	0.52	0.02	1.26	7.2	-17.4	Clear	No Odor
11:55	5	125	4.70	1.70	7.44	0.52	0.02	1.40	7.2	-14.8	Clear	No Odor
12:00	5	125	4.70	1.87	7.44	0.51	0.02	1.59	7.2	-11.0	Clear	No Odor
12:05	5	125	4.70	2.04	7.44	0.51	0.02	1.49	7.2	-14.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34591 Beacon; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-164S			Date	2-17-21
Project Name/Location		Ford LTP		Weather	12.9 degrees F and Mostly Cloudy. The wind is blowing S/SW at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.92	Total Depth (ft-bmp)	7.50	Water Column (ft.)	1.58	Gallons in Well	0.26
		Pump Intake (ft-bmp)	7.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.50				
Sample Time: Label	12:27	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	11:48						
Purge End	12:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:50	0	100	5.97	0.00	7.53	0.46	20.40	10.57	5.4	35.7	Clear, Small White Particulates	No Odor
11:55	5	100	5.98	0.13	7.59	0.50	16.40	11.73	5.4	46.7	Clear	No Odor
12:00	5	100	5.97	0.26	7.60	0.53	9.17	11.78	5.5	46.7	Clear	No Odor
12:05	5	100	5.97	0.39	7.61	0.54	1.94	11.65	5.5	45.7	Clear	No Odor
12:10	5	100	5.98	0.52	7.60	0.56	1.45	11.44	5.5	46.3	Clear	No Odor
12:15	5	100	5.98	0.65	7.60	0.56	0.02	11.49	5.6	44.6	Clear	No Odor
12:20	5	100	5.97	0.78	7.59	0.56	0.02	11.32	5.7	43.7	Clear	No Odor
12:25	5	100	5.98	0.91	7.58	0.58	0.02	11.46	5.7	43.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34637 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-165S			Date	2-17-21
Project Name/Location		Ford LTP		Weather	5.0 degrees F and . The wind is blowing undefined at 0.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.97	Total Depth (ft-bmp)	6.30	Water Column (ft.)	1.33	Gallons in Well	0.22
		Pump Intake (ft-bmp)	6.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.32				
Sample Time: Label	11:02	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	10:12						
Purge End	11:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	100	5.07	0.00	7.32	0.70	53.70	4.69	5.6	150.5	Clear, Small White Particulates	No Odor
10:20	5	100	5.08	0.13	7.33	0.66	15.00	2.77	5.3	130.2	Clear, Small White Particulates	No Odor
10:25	5	100	5.08	0.26	7.34	0.65	0.02	1.78	5.5	117.5	Clear	No Odor
10:30	5	100	5.08	0.39	7.35	0.65	0.02	1.29	5.4	105.3	Clear	No Odor
10:35	5	100	5.08	0.52	7.35	0.65	0.02	1.20	5.5	96.8	Clear	No Odor
10:40	5	100	5.08	0.65	7.36	0.65	0.02	1.11	5.4	88.8	Clear	No Odor
10:45	5	100	5.08	0.78	7.36	0.65	0.02	1.05	5.7	82.0	Clear	No Odor
10:50	5	100	5.08	0.91	7.36	0.65	0.02	1.00	5.7	76.4	Clear	No Odor
10:55	5	100	5.08	1.04	7.37	0.65	0.02	0.95	5.7	71.4	Clear	No Odor
11:00	5	100	5.09	1.17	7.37	0.66	0.02	0.92	5.6	66.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34669 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-166S			Date	2-25-21
Project Name/Location		Ford LTP		Weather	37.0 degrees F and Mostly Clear. The wind is blowing W/SW at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.91	Total Depth (ft-bmp)	10.59	Water Column (ft.)	2.68	Gallons in Well	0.44
		Pump Intake (ft-bmp)	9.41	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.77				
Sample Time: Label	13:47	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	13:13						
Purge End	13:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:15	0	100	7.93	0.00	7.26	2.76	0.02	1.12	8.0	60.3	Clear	No Odor
13:20	5	100	7.94	0.13	7.22	2.75	0.02	0.62	8.3	-11.8	Clear	No Odor
13:25	5	100	7.94	0.26	7.23	2.67	0.02	0.24	8.6	-21.9	Clear	No Odor
13:30	5	100	7.94	0.39	7.23	2.61	0.02	0.26	8.6	-25.7	Clear	No Odor
13:35	5	100	7.94	0.52	7.23	2.57	0.02	0.20	8.8	-28.4	Clear	No Odor
13:40	5	100	7.94	0.65	7.23	2.55	0.02	0.20	8.8	-29.2	Clear	No Odor
13:45	5	100	7.94	0.78	7.22	2.52	0.02	0.29	8.6	-30.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12147 Stark; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-167S			Date	2-18-21
Project Name/Location		Ford LTP		Weather	19.9 degrees F and Light Snow. The wind is blowing NE at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.69	Total Depth (ft-bmp)	9.24	Water Column (ft.)	2.55	Gallons in Well	0.41
		Pump Intake (ft-bmp)	8.19	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.17				
Sample Time: Label	11:32	Volume Purged	1.3 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	10:37						
Purge End	11:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	100	6.71	0.00	7.18	1.01	35.00	12.34	6.9	139.7	Clear, Small Orange Particulates	No Odor
10:45	5	100	6.71	0.13	7.19	0.94	27.80	10.48	6.5	122.5	Clear, Small Orange Particulates	No Odor
10:50	5	100	6.71	0.26	7.17	1.03	12.50	10.38	6.2	111.2	Clear	No Odor
10:55	5	100	6.71	0.39	7.19	1.05	11.20	10.31	6.0	99.2	Clear	No Odor
11:00	5	100	6.71	0.52	7.20	1.03	8.94	10.22	5.8	91.0	Clear	No Odor
11:05	5	100	6.71	0.65	7.21	1.03	7.06	10.12	5.6	85.1	Clear	No Odor
11:10	5	100	6.71	0.78	7.22	1.00	9.54	9.23	6.4	80.3	Clear	No Odor
11:15	5	100	6.72	0.91	7.22	0.99	1.45	9.28	6.9	74.4	Clear	No Odor
11:20	5	100	6.72	1.04	7.23	0.98	0.02	9.20	6.8	70.4	Clear	No Odor
11:25	5	100	6.72	1.17	7.23	0.98	0.02	9.37	6.6	67.8	Clear	No Odor
11:30	5	100	6.72	1.30	7.23	0.97	0.02	8.96	6.8	65.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Soft gel grout covering above j-plug. One screw hole on well pad broke off.

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12001 Stark ; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-168S			Date	2-10-21
Project Name/Location		Ford LTP		Weather	19.4 degrees F and . The wind is blowing undefined at 0.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.06	Total Depth (ft-bmp)	6.80	Water Column (ft.)	2.74	Gallons in Well	0.45
		Pump Intake (ft-bmp)	5.56	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.11				
Sample Time: Label	15:10	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	14:25						
Purge End	15:14						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:30	0	150	4.11	0.00	7.48	0.78	5.22	3.42	5.9	33.3	Clear, Small Black Particulates	No Odor
14:35	5	150	4.11	0.20	7.34	0.82	0.02	2.86	6.0	20.3	Clear	No Odor
14:40	5	150	4.11	0.40	7.26	0.83	0.02	2.51	5.9	-2.6	Clear	No Odor
14:45	5	150	4.11	0.60	7.22	0.84	0.02	2.30	6.0	-6.4	Clear	No Odor
14:50	5	150	4.11	0.80	7.19	0.84	0.02	2.45	6.0	-8.5	Clear	No Odor
14:55	5	150	4.11	1.00	7.17	0.84	0.02	2.17	6.1	-7.5	Clear	No Odor
15:00	5	150	4.11	1.20	7.16	0.84	0.02	2.28	6.1	-6.4	Clear	No Odor
15:05	5	150	4.11	1.40	7.16	0.85	0.02	2.32	6.1	-5.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Private property: 34480 Capital; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-169S			Date	2-9-21
Project Name/Location		Ford LTP		Weather	15.8 degrees F and . The wind is blowing N at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.85	Total Depth (ft-bmp)	6.50	Water Column (ft.)	2.65	Gallons in Well	0.43
		Pump Intake (ft-bmp)	5.35	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.79				
Sample Time: Label	10:55	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	10:15						
Purge End	10:59						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	150	3.87	0.00	7.12	0.83	52.80	0.90	5.2	-30.6	Clear, Small Orange Particulates	No Odor
10:25	5	150	3.85	0.20	7.14	0.80	14.60	0.59	5.5	-37.8	Clear, Small Orange Particulates	No Odor
10:30	5	150	3.85	0.40	7.12	0.81	9.61	0.49	5.4	-39.2	Clear	No Odor
10:35	5	150	3.85	0.60	7.12	0.82	4.67	0.30	5.5	-39.0	Clear	No Odor
10:40	5	150	3.85	0.80	7.12	0.83	3.16	0.19	5.6	-38.0	Clear	No Odor
10:45	5	150	3.85	1.00	7.11	0.82	1.90	0.15	5.7	-34.3	Clear	No Odor
10:50	5	150	3.85	1.20	7.12	0.82	0.60	0.14	5.6	-34.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34450 Capitol; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-170S			Date	2-22-21
Project Name/Location	Ford LTP			Weather	34.0 degrees F and Cloudy and Windy. The wind is blowing W/SW at 19.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.47	Total Depth (ft-bmp)	9.53	Water Column (ft.)	2.06	Gallons in Well	0.33
		Pump Intake (ft-bmp)	8.97	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.15				
Sample Time: Label	13:56	Volume Purged	1.7 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:03						
Purge End	14:21						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:05	0	125	7.48	0.00	7.28	2.69	40.10	0.83	8.3	-6.9	Clear, Turbid	No Odor
13:10	5	125	7.48	0.17	7.34	2.84	21.30	0.32	8.3	-44.4	Clear, Turbid	No Odor
13:15	5	125	7.48	0.34	7.35	2.96	11.00	0.23	8.2	-59.0	Clear	No Odor
13:20	5	125	7.48	0.51	7.35	3.03	6.50	0.22	8.1	-62.3	Clear	No Odor
13:25	5	125	7.48	0.68	7.35	3.11	4.87	0.19	8.1	-66.7	Clear	No Odor
13:30	5	125	7.48	0.85	7.34	3.18	5.31	0.19	8.1	-72.8	Clear	No Odor
13:35	5	125	7.48	1.02	7.36	3.20	4.82	0.21	7.7	-77.8	Clear	No Odor
13:40	5	125	7.48	1.19	7.36	3.30	3.96	0.16	8.1	-79.9	Clear	No Odor
13:45	5	125	7.48	1.36	7.39	3.40	1.85	0.15	8.1	-78.1	Clear	No Odor
13:50	5	125	7.48	1.53	7.40	3.44	4.95	0.15	8.0	-74.6	Clear	No Odor
13:55	5	125	7.48	1.70	7.41	3.45	1.57	0.18	8.1	-71.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34991 Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-171S			Date	2-10-21
Project Name/Location		Ford LTP		Weather	17.6 degrees F and . The wind is blowing SW at 3.5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.08	Total Depth (ft-bmp)	6.41	Water Column (ft.)	2.33	Gallons in Well	0.38
		Pump Intake (ft-bmp)	5.58	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	8.21				
Sample Time:	Label 13:35	Volume Purged	3.12 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
	Purge Start 12:33						
	Purge End 13:38						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:35	0	200	4.10	0.00	7.88	0.98	148.00	0.70	5.2	-85.5	Orange, Small Orange Particulates,	No Odor
12:40	5	200	4.10	0.26	7.39	0.96	168.00	0.33	5.3	-85.7	Cloudy, Small Orange Particulates,	No Odor
12:45	5	200	4.10	0.52	7.25	0.96	85.00	0.15	5.4	-82.2	Cloudy, Small Orange Particulates,	No Odor
12:50	5	200	4.10	0.78	7.19	0.97	33.70	0.09	5.4	-80.6	Clear, Small Orange Particulates	No Odor
12:55	5	200	4.10	1.04	7.17	0.98	18.50	0.12	5.5	-80.4	Clear, Small Orange Particulates	No Odor
13:00	5	200	4.10	1.30	7.15	1.00	13.60	0.12	5.5	-81.1	Clear, Small Orange Particulates	No Odor
13:05	5	200	4.10	1.56	7.14	1.01	7.77	0.14	5.6	-81.7	Clear	No Odor
13:10	5	200	4.10	1.82	7.14	1.02	5.57	0.07	5.6	-82.2	Clear	No Odor
13:15	5	200	4.10	2.08	7.14	1.02	5.73	0.03	5.4	-82.1	Clear	No Odor
13:20	5	200	4.10	2.34	7.13	1.02	5.77	0.09	5.5	-81.2	Clear	No Odor
13:25	5	200	4.10	2.60	7.13	1.02	3.72	0.08	5.6	-81.0	Clear	No Odor
13:30	5	200	4.10	2.86	7.13	1.02	2.92	0.09	5.6	-81.1	Clear	No Odor
13:35	5	200	4.10	3.12	7.13	1.02	2.60	0.07	5.6	-80.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Private property: 12101 Brewster; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-172S			Date	2-9-21
Project Name/Location		Ford LTP		Weather	19.4 degrees F and . The wind is blowing N/NE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.40	Total Depth (ft-bmp)	8.94	Water Column (ft.)	2.54	Gallons in Well	0.41
		Pump Intake (ft-bmp)	7.90	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.66				
Sample Time: Label	13:56	Volume Purged	1.5 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:03						
Purge End	14:08						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:05	0	110	6.43	0.00	7.72	0.46	90.20	1.92	7.7	15.4	Brown, Turbid	No Odor
13:10	5	110	6.43	0.15	7.69	0.46	54.30	1.77	7.8	-30.7	Brown, Turbid	No Odor
13:15	5	110	6.43	0.30	7.73	0.45	24.10	1.64	7.7	-51.1	Clear	No Odor
13:20	5	110	6.43	0.45	7.77	0.44	23.30	1.68	7.8	-52.2	Clear	No Odor
13:25	5	110	6.43	0.60	7.79	0.44	9.82	1.64	7.8	-54.6	Clear	No Odor
13:30	5	110	6.43	0.75	7.80	0.44	9.00	1.66	7.7	-59.2	Clear	No Odor
13:35	5	110	6.43	0.90	7.80	0.44	8.65	1.65	7.7	-61.7	Clear	No Odor
13:40	5	110	6.43	1.05	7.80	0.44	13.10	1.66	7.7	-80.0	Clear	No Odor
13:45	5	110	6.43	1.20	7.81	0.43	10.00	1.60	7.7	-88.6	Clear	No Odor
13:50	5	110	6.43	1.35	7.81	0.43	9.95	1.62	7.5	-81.3	Clear	No Odor
13:55	5	110	6.43	1.50	7.81	0.43	9.57	1.68	7.6	-87.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Well was under 6 inches of snow after removing well cover had to chip out ice to open j- plug

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	11701 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-173S			Date	2-9-21
Project Name/Location		Ford LTP		Weather	21.2 degrees F and . The wind is blowing undefined at 0.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.85	Total Depth (ft-bmp)	10.25	Water Column (ft.)	3.40	Gallons in Well	0.55
		Pump Intake (ft-bmp)	8.35	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.91				
Sample Time: Label	15:56	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	15:03						
Purge End	16:11						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:05	0	120	6.85	0.00	7.68	0.60	366.00	0.81	7.8	39.0	Brown, Cloudy	No Odor
15:10	5	120	6.85	0.16	7.65	0.62	110.00	1.08	7.8	13.1	Brown, Turbid	No Odor
15:15	5	120	6.90	0.32	7.69	0.62	49.00	1.50	7.7	-24.5	Brown, Turbid	No Odor
15:20	5	120	6.92	0.48	7.69	0.62	37.00	1.30	7.8	-34.4	Brown, Turbid	No Odor
15:25	5	120	6.93	0.64	7.69	0.63	29.90	1.26	7.9	-41.6	Brown, Turbid	No Odor
15:30	5	120	6.93	0.80	7.68	0.63	25.10	1.31	7.8	-45.3	Clear	No Odor
15:35	5	120	6.93	0.96	7.69	0.63	21.50	1.27	7.9	-46.6	Clear	No Odor
15:40	5	120	6.93	1.12	7.69	0.63	18.60	1.26	7.7	-46.3	Clear	No Odor
15:45	5	120	6.93	1.28	7.69	0.63	15.20	1.22	7.9	-45.1	Clear	No Odor
15:50	5	120	6.93	1.44	7.70	0.63	14.70	1.22	7.8	-44.1	Clear	No Odor
15:55	5	120	6.93	1.60	7.70	0.63	13.90	1.31	7.8	-43.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	11721 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-176S			Date	2-10-21
Project Name/Location		Ford LTP		Weather	19.4 degrees F and . The wind is blowing S/SW at 4.6 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.14	Total Depth (ft-bmp)	9.30	Water Column (ft.)	2.16	Gallons in Well	0.35
		Pump Intake (ft-bmp)	8.64	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.37				
Sample Time: Label	15:31	Volume Purged	1.18 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:57						
Purge End	15:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:00	0	140	7.16	0.00	7.82	0.36	8.57	2.88	8.0	117.4	Clear	No Odor
15:05	5	150	7.16	0.18	7.80	0.36	6.60	2.16	8.1	116.2	Clear	No Odor
15:10	5	150	7.16	0.38	7.80	0.36	3.60	2.07	7.9	114.8	Clear	No Odor
15:15	5	150	7.16	0.58	7.81	0.36	3.49	1.86	7.8	113.3	Clear	No Odor
15:20	5	150	7.16	0.78	7.83	0.36	4.13	1.56	7.8	112.4	Clear	No Odor
15:25	5	150	7.16	0.98	7.83	0.37	3.04	1.56	7.7	111.3	Clear	No Odor
15:30	5	150	7.16	1.18	7.83	0.37	2.60	1.57	7.7	110.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Under 4 inches of snow

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	11845 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-177S			Date	2-11-21
Project Name/Location		Ford LTP		Weather	14.0 degrees F and . The wind is blowing N at 11.5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.42	Total Depth (ft-bmp)	8.20	Water Column (ft.)	1.78	Gallons in Well	0.29
		Pump Intake (ft-bmp)	7.92	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.83				
Sample Time: Label	11:01	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:23						
Purge End	11:11						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:25	0	150	6.68	0.00	7.47	0.74	22.10	4.61	7.7	64.3	Turbid	No Odor
10:30	5	150	6.68	0.20	7.47	0.72	20.40	3.76	7.7	58.9	Clear	No Odor
10:35	5	150	6.68	0.40	7.43	0.72	13.20	2.74	7.5	53.7	Clear	No Odor
10:40	5	150	6.68	0.60	7.39	0.72	7.63	1.82	7.6	45.2	Clear	No Odor
10:45	5	150	6.68	0.80	7.38	0.71	5.20	1.92	7.5	39.2	Clear	No Odor
10:50	5	150	6.68	1.00	7.38	0.71	3.96	1.70	7.5	33.2	Clear	No Odor
10:55	5	150	6.68	1.20	7.36	0.71	3.32	1.76	7.3	29.3	Clear	No Odor
11:00	5	150	6.68	1.40	7.36	0.71	2.71	1.72	7.4	26.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

There was 3 inches of ice cover j-plug and casing, chipped away ice to open j-plug

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	11866 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-178S			Date	2-17-21
Project Name/Location		Ford LTP		Weather	12.9 degrees F and Mostly Cloudy. The wind is blowing S/SW at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.50	Total Depth (ft-bmp)	8.83	Water Column (ft.)	2.33	Gallons in Well	0.38
		Pump Intake (ft-bmp)	8.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.92				
Sample Time: Label	13:36	Volume Purged	1.87 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:38						
Purge End	13:58						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:40	0	125	6.54	0.00	7.33	0.61	141.00	1.90	7.4	-22.8	Brown, Cloudy	Faint Odor
12:45	5	125	6.54	0.17	7.37	0.62	83.40	1.17	7.4	-30.3	Brown, Cloudy	No Odor
12:50	5	125	6.54	0.34	7.39	0.62	32.60	0.98	7.3	-29.2	Brown, Clear	No Odor
12:55	5	125	6.54	0.51	7.40	0.62	23.80	0.94	7.4	-28.8	Brown, Clear	No Odor
13:00	5	125	6.54	0.68	7.41	0.62	17.60	0.81	7.1	-27.7	Brown, Clear	No Odor
13:05	5	125	6.54	0.85	7.41	0.62	11.80	0.86	6.9	-26.6	Clear	No Odor
13:10	5	125	6.54	1.02	7.41	0.62	7.64	0.84	7.0	-26.1	Clear	No Odor
13:15	5	125	6.54	1.19	7.42	0.62	5.54	0.75	7.0	-25.4	Clear	No Odor
13:20	5	125	6.54	1.36	7.42	0.62	5.12	0.76	7.1	-24.5	Clear	No Odor
13:25	5	125	6.54	1.53	7.43	0.62	4.16	0.70	7.2	-24.3	Clear	No Odor
13:30	5	125	6.54	1.70	7.44	0.62	3.34	0.69	7.0	-23.6	Clear	No Odor
13:35	5	125	6.54	1.87	7.44	0.62	2.45	0.70	7.1	-22.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	11850 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-179S			Date	2-23-21
Project Name/Location		Ford LTP		Weather	39.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.76	Total Depth (ft-bmp)	10.88	Water Column (ft.)	2.12	Gallons in Well	0.34
		Pump Intake (ft-bmp)	10.26	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.06				
Sample Time: Label	12:00	Volume Purged	1.38 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	11:24						
Purge End	12:02						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:25	0	175	8.84	0.00	8.24	0.23	2.64	4.50	8.6	128.7	Clear	No Odor
11:30	5	175	8.81	0.23	8.20	0.23	12.80	1.88	8.7	126.5	Clear	No Odor
11:35	5	175	8.81	0.46	8.17	0.23	11.70	1.69	8.8	126.2	Clear	No Odor
11:40	5	175	8.81	0.69	8.18	0.23	5.00	1.45	8.8	125.9	Clear	No Odor
11:45	5	175	8.81	0.92	8.17	0.23	2.36	1.39	8.9	125.9	Clear	No Odor
11:50	5	175	8.81	1.15	8.17	0.23	2.47	1.39	8.7	126.2	Clear	No Odor
11:55	5	175	8.81	1.38	8.16	0.23	0.02	1.30	8.7	126.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34870 Wadsworth, side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-180SR			Date	2-23-21
Project Name/Location		Ford LTP		Weather	39.9 degrees F and Partly Cloudy. The wind is blowing W/NW at 17.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-11.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.64	Total Depth (ft-bmp)	11.01	Water Column (ft.)	2.37	Gallons in Well	0.39
		Pump Intake (ft-bmp)	10.14	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.54				
Sample Time: Label	13:07	Volume Purged	1.38 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	12:33						
Purge End	13:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:35	0	175	8.70	0.00	8.22	0.24	0.58	8.03	10.0	161.4	Clear	No Odor
12:40	5	175	8.70	0.23	8.17	0.25	8.06	6.04	9.9	162.3	Clear	No Odor
12:45	5	175	8.70	0.46	8.18	0.25	6.44	5.83	9.9	163.2	Clear	No Odor
12:50	5	175	8.70	0.69	8.21	0.25	4.95	5.59	10.1	164.9	Clear	No Odor
12:55	5	175	8.70	0.92	8.21	0.25	4.04	5.51	10.1	166.4	Clear	No Odor
13:00	5	175	8.70	1.15	8.22	0.25	1.86	5.34	10.2	168.4	Clear	No Odor
13:05	5	175	8.70	1.38	8.23	0.26	0.02	5.19	10.2	169.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34891 Wadsworth, side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-181S			Date	2-25-21
Project Name/Location		Ford LTP		Weather	24.1 degrees F and Clear. The wind is blowing W/NW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.5-8.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.06	Total Depth (ft-bmp)	8.51	Water Column (ft.)	1.45	Gallons in Well	0.24
		Pump Intake (ft-bmp)	8.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.50				
Sample Time: Label	10:24	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	9:18						
Purge End	10:28						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:20	0	100	7.08	0.00	7.36	2.86	43.70	5.96	7.7	-10.5	Clear, Small Orange Particulates	No Odor
9:25	5	100	7.08	0.13	7.10	2.75	12.40	4.68	7.4	-64.1	Clear, Small Orange Particulates	No Odor
9:30	5	100	7.08	0.26	7.17	2.71	4.28	4.12	7.4	-73.2	Clear	No Odor
9:35	5	100	7.08	0.39	7.21	2.68	0.02	3.67	7.4	-79.4	Clear	No Odor
9:40	5	100	7.08	0.52	7.23	2.65	0.02	3.36	7.3	-79.7	Clear	No Odor
9:45	5	100	7.07	0.65	7.24	2.67	0.02	3.33	6.8	-79.0	Clear	No Odor
9:50	5	100	7.08	0.78	7.26	2.64	0.02	2.92	7.4	-79.5	Clear	No Odor
9:55	5	100	7.08	0.91	7.29	2.66	0.02	2.71	7.4	-73.0	Clear	No Odor
10:00	5	100	7.08	1.04	7.30	2.66	0.02	2.54	7.4	-63.7	Clear	No Odor
10:05	5	100	7.08	1.17	7.31	2.66	0.02	2.48	7.3	-58.8	Clear	No Odor
10:10	5	100	7.08	1.30	7.33	2.66	0.02	2.15	7.5	-54.9	Clear	No Odor
10:15	5	100	7.08	1.43	7.33	2.65	0.02	2.00	7.5	-50.6	Clear	No Odor
10:20	5	100	7.08	1.56	7.33	2.66	0.02	1.99	7.4	-43.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34990 Wadsworth; side yard	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-182S			Date	2-23-21
Project Name/Location		Ford LTP		Weather	37.0 degrees F and Cloudy. The wind is blowing W at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.71	Total Depth (ft-bmp)	8.78	Water Column (ft.)	2.07	Gallons in Well	0.34
		Pump Intake (ft-bmp)	8.21	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.74				
Sample Time: Label	9:32	Volume Purged	1.61 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	8:49						
Purge End	9:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:50	0	175	6.91	0.00	7.54	0.69	7.54	5.03	7.9	183.7	Clear	No Odor
8:55	5	175	6.91	0.23	7.65	0.58	16.20	4.44	7.9	136.3	Clear	No Odor
9:00	5	175	6.91	0.24	7.71	0.46	13.80	3.03	7.9	115.5	Clear	No Odor
9:05	5	175	6.91	0.47	7.71	0.46	5.13	1.84	8.0	112.6	Clear	No Odor
9:10	5	175	6.91	0.70	7.71	0.46	0.36	1.89	7.9	112.2	Clear	No Odor
9:15	5	175	6.91	0.93	7.71	0.46	2.28	1.93	7.9	112.4	Clear	No Odor
9:20	5	175	6.91	1.16	7.70	0.46	0.02	1.65	7.9	112.2	Clear	No Odor
9:25	5	165	6.91	1.39	7.70	0.46	0.02	1.68	7.9	112.4	Clear	No Odor
9:30	5	175	6.91	1.61	7.71	0.46	0.02	1.63	7.9	112.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34766 Standish, side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-183S			Date	2-23-21
Project Name/Location		Ford LTP		Weather	39.9 degrees F and Partly Cloudy. The wind is blowing W/NW at 17.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.81	Total Depth (ft-bmp)	12.70	Water Column (ft.)	2.89	Gallons in Well	0.47
		Pump Intake (ft-bmp)	11.31	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.32				
Sample Time: Label	13:40	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	12:36						
Purge End	13:43						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:40	0	100	9.85	0.00	7.52	0.44	157.00	5.30	9.5	-6.8	Cloudy	No Odor
12:45	5	100	9.85	0.13	7.48	0.44	128.00	5.11	9.7	-5.0	Cloudy	No Odor
12:50	5	100	9.85	0.26	7.47	0.44	115.00	4.97	9.7	7.6	Cloudy	No Odor
12:55	5	100	9.85	0.39	7.47	0.44	55.80	4.69	9.8	16.1	Cloudy	No Odor
13:00	5	100	9.85	0.52	7.47	0.44	46.10	4.20	9.6	24.6	Clear	No Odor
13:05	5	100	9.85	0.65	7.47	0.44	26.90	4.34	9.7	30.6	Clear	No Odor
13:10	5	100	9.85	0.78	7.48	0.43	20.20	3.91	9.7	36.5	Clear	No Odor
13:15	5	100	9.85	0.91	7.47	0.43	10.90	3.85	9.8	41.3	Clear	No Odor
13:20	5	100	9.85	1.04	7.47	0.43	7.16	3.64	9.8	43.9	Clear	No Odor
13:25	5	100	9.85	1.17	7.47	0.43	105.00	3.49	9.8	46.1	Cloudy	No Odor
13:30	5	100	9.85	1.30	7.46	0.43	94.20	3.52	9.7	22.7	Cloudy	No Odor
13:35	5	100	9.85	1.43	7.47	0.42	70.90	3.49	9.8	23.9	Clear	No Odor
13:40	5	100	9.85	1.56	7.46	0.42	45.60	3.50	9.9	31.2	Cloudy	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34934 Standish; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-184S			Date	2-11-21
Project Name/Location		Ford LTP		Weather	17.6 degrees F and . The wind is blowing N at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.17	Total Depth (ft-bmp)	7.55	Water Column (ft.)	0.38	Gallons in Well	0.06
		Pump Intake (ft-bmp)	7.35	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	17.33				
Sample Time: Label	13:06	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:22						
Purge End	13:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:25	0	100	7.20	0.00	7.38	0.40	2.74	0.76	8.3	-58.1	Clear	No Odor
12:30	5	100	7.20	0.13	7.42	0.50	0.65	0.50	8.3	-68.5	Clear	No Odor
12:35	5	100	7.20	0.26	7.49	0.57	0.51	0.33	8.4	-73.3	Clear	No Odor
12:40	5	100	7.20	0.39	7.51	0.59	0.34	0.33	8.4	-78.9	Clear	No Odor
12:45	5	100	7.20	0.52	7.52	0.61	0.32	0.33	8.3	-83.6	Clear	No Odor
12:50	5	100	7.20	0.65	7.52	0.63	0.20	0.32	8.4	-88.4	Clear	No Odor
12:55	5	100	7.20	0.78	7.52	0.65	0.39	0.32	8.3	-92.3	Clear	No Odor
13:00	5	100	7.20	0.91	7.53	0.65	0.36	0.33	8.4	-96.2	Clear	No Odor
13:05	5	100	7.20	1.04	7.53	0.66	0.35	0.30	8.5	-99.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Well was under 5 inches of snow

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	11981 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-185S			Date	2-18-21
Project Name/Location		Ford LTP		Weather	18.0 degrees F and Light Snow. The wind is blowing N/NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.75	Total Depth (ft-bmp)	10.55	Water Column (ft.)	1.80	Gallons in Well	0.29
		Pump Intake (ft-bmp)	10.25	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.45				
Sample Time: Label	11:21	Volume Purged	1.87 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:23						
Purge End	11:39						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:25	0	125	8.80	0.00	7.14	0.62	20.60	1.62	10.1	-69.5	Clear	No Odor
10:30	5	125	8.80	0.17	7.12	0.86	5.81	0.60	10.1	-65.4	Clear	No Odor
10:35	5	125	8.80	0.34	7.13	0.91	3.04	0.46	10.0	-64.3	Clear	No Odor
10:40	5	125	8.80	0.51	7.14	0.94	2.56	0.40	10.1	-63.8	Clear	No Odor
10:45	5	125	8.80	0.68	7.13	0.96	2.00	0.39	10.0	-68.0	Clear	No Odor
10:50	5	125	8.80	0.85	7.14	0.98	2.03	0.38	10.1	-71.2	Clear	No Odor
10:55	5	125	8.80	1.02	7.15	1.00	2.34	0.31	10.1	-78.5	Clear	No Odor
11:00	5	125	8.80	1.19	7.15	1.03	1.93	0.33	10.0	-74.1	Clear	No Odor
11:05	5	125	8.80	1.36	7.16	1.04	1.73	0.30	10.1	-72.9	Clear	No Odor
11:10	5	125	8.80	1.53	7.16	1.06	1.45	0.29	9.8	-70.6	Clear	No Odor
11:15	5	125	8.80	1.70	7.17	1.07	0.93	0.28	9.9	-67.2	Clear	No Odor
11:20	5	125	8.80	1.87	7.17	1.08	0.83	0.22	9.9	-65.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34921 Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-186S			Date	2-23-21
Project Name/Location		Ford LTP		Weather	39.0 degrees F and Cloudy. The wind is blowing W at 18.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.62	Total Depth (ft-bmp)	7.72	Water Column (ft.)	3.10	Gallons in Well	0.50
		Pump Intake (ft-bmp)	6.12	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.56				
Sample Time: Label	10:15	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	9:36						
Purge End	10:19						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:40	0	100	4.64	0.00	6.47	1.05	79.40	1.18	6.4	-16.0	Small Orange Particulates, Turbid	No Odor
9:45	5	100	4.64	0.13	6.50	1.03	36.50	0.40	6.3	-24.0	Small Orange Particulates, Turbid	No Odor
9:50	5	100	4.64	0.26	6.55	1.03	15.40	0.44	6.2	-31.5	Clear, Small Orange Particulates	No Odor
9:55	5	100	4.64	0.39	6.56	1.03	7.43	0.39	6.2	-38.5	Clear, Small Orange Particulates	No Odor
10:00	5	100	4.64	0.52	6.58	1.03	4.82	0.36	6.2	-47.0	Clear	No Odor
10:05	5	100	4.64	0.65	6.59	1.03	2.52	0.35	6.2	-46.1	Clear	No Odor
10:10	5	108	4.64	0.78	6.59	1.03	2.85	0.34	6.2	-49.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12321 Stark; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-187			Date	2-22-21
Project Name/Location		Ford LTP		Weather	36.0 degrees F and Light Rain. The wind is blowing W/SW at 18.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.30	Total Depth (ft-bmp)	12.75	Water Column (ft.)	6.45	Gallons in Well	1.05
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.49				
Sample Time: Label	11:00	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	9:58						
Purge End	11:05						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:00	0	100	6.35	0.00	6.49	0.93	241.00	1.12	7.7	-33.4	Cloudy, Small Orange Particulates,	No Odor
10:05	5	100	6.32	0.13	6.52	0.93	132.00	0.54	7.7	-41.6	Cloudy, Small Orange Particulates,	No Odor
10:10	5	100	6.32	0.26	6.57	0.92	64.70	0.33	7.4	-44.8	Cloudy, Small Orange Particulates	No Odor
10:15	5	100	6.32	0.39	6.61	0.93	49.70	0.30	7.4	-48.6	Cloudy, Small Orange Particulates	No Odor
10:20	5	100	6.32	0.52	6.63	0.93	36.80	0.31	7.4	-48.8	Cloudy, Small Orange Particulates	No Odor
10:25	5	100	6.32	0.65	6.64	0.93	29.60	0.30	7.2	-48.7	Cloudy, Small Orange Particulates	No Odor
10:30	5	100	6.32	0.78	6.65	0.93	27.30	0.27	7.3	-50.7	Cloudy, Small Orange Particulates	No Odor
10:35	5	100	6.32	0.91	6.67	0.93	25.00	0.26	7.3	-51.1	Clear, Small Orange Particulates	No Odor
10:40	5	100	6.32	1.04	6.68	0.93	19.50	0.23	7.3	-52.1	Clear, Small Orange Particulates	No Odor
10:45	5	100	6.32	1.17	6.68	0.93	20.90	0.26	7.1	-51.6	Clear	No Odor
10:50	5	100	6.32	1.30	6.69	0.93	19.60	0.25	7.2	52.4	Clear, Small Orange Particulates	No Odor
10:55	5	100	6.32	1.43	6.69	0.93	17.10	0.22	7.2	-51.4	Clear, Small Orange Particulates	No Odor
11:00	5	100	6.32	1.56	6.69	0.93	14.80	0.76	7.1	-51.2	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

One thread tab broken with bent in bolt; Other two threads are functional with bolts

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12335 Stark	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-187S			Date	2-22-21
Project Name/Location	Ford LTP			Weather	35.1 degrees F and Cloudy and Windy. The wind is blowing W/SW at 21.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.40	Total Depth (ft-bmp)	8.73	Water Column (ft.)	1.43	Gallons in Well	0.23
		Pump Intake (ft-bmp)	7.90	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.96				
Sample Time: Label	13:00	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	12:16						
Purge End	13:04						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	100	6.40	0.00	6.65	1.07	22.20	0.52	6.5	-35.6	Clear, Small Orange Particulates	No Odor
12:25	5	100	6.40	0.13	6.66	1.07	18.90	0.43	6.3	-33.2	Clear, Small Orange Particulates	No Odor
12:30	5	100	6.40	0.26	6.67	1.07	9.42	0.39	6.3	-31.3	Clear	No Odor
12:35	5	100	6.40	0.39	6.68	1.06	6.15	0.54	6.6	-15.3	Clear	No Odor
12:40	5	100	6.40	0.52	6.66	1.06	5.20	0.40	6.7	-14.1	Clear	No Odor
12:45	5	100	6.40	0.65	6.66	1.06	3.43	0.29	6.9	-15.0	Clear	No Odor
12:50	5	100	6.40	0.78	6.65	1.05	1.43	0.16	6.8	-16.3	Clear	No Odor
12:55	5	100	6.40	0.91	6.65	1.05	0.98	0.18	6.8	-16.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Well lid missing

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12335 Stark	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Casing broken,Poor	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-188S			Date	2-22-21
Project Name/Location		Ford LTP		Weather	34.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.96	Total Depth (ft-bmp)	7.48	Water Column (ft.)	1.52	Gallons in Well	0.25
		Pump Intake (ft-bmp)	7.46	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.12				
Sample Time: Label	15:15	Volume Purged	1.53 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	14:22						
Purge End	15:18						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:25	0	125	6.01	0.00	6.70	0.79	0.66	3.92	6.5	-66.7	Clear	No Odor
14:30	5	125	6.00	0.17	6.69	0.79	0.83	3.48	6.4	-67.5	Clear	No Odor
14:35	5	125	6.00	0.34	6.69	0.78	0.62	3.39	6.5	-67.8	Clear	No Odor
14:40	5	125	6.00	0.51	6.70	0.77	0.02	3.12	6.5	-67.4	Clear	No Odor
14:45	5	125	6.00	0.68	6.70	0.78	0.02	3.54	6.4	-67.3	Clear	No Odor
14:50	5	125	6.00	0.85	6.70	0.76	0.02	2.79	6.5	-66.7	Clear	No Odor
14:55	5	125	6.00	1.02	6.71	0.76	0.02	3.47	6.5	-65.5	Clear	No Odor
15:00	5	125	6.00	1.19	6.70	0.76	0.02	3.48	6.6	-65.3	Clear	No Odor
15:05	5	125	6.00	1.36	6.70	0.76	0.02	3.26	6.7	-64.6	Clear	No Odor
15:10	5	125	6.00	1.53	6.70	0.75	0.02	3.26	6.6	-64.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments 2 broken bolts stuck in their threads, 1 functional bolt
New lock added to J plug

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12425 Stark	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-189			Date	2-17-21
Project Name/Location	Ford LTP			Weather	21.0 degrees F and Cloudy. The wind is blowing undefined at 0.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.62	Total Depth (ft-bmp)	13.95	Water Column (ft.)	7.33	Gallons in Well	1.19
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.02				
Sample Time: Label	14:45	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:43						
Purge End	14:49						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:45	0	150	6.69	0.00	7.11	0.76	375.00	2.33	6.4	4.7	Cloudy, Yellow	No Odor
13:50	5	150	6.69	0.20	7.05	0.76	333.00	2.35	6.2	-11.5	Cloudy, Yellow	No Odor
13:55	5	150	6.69	0.40	7.02	0.76	133.00	1.63	6.1	-21.1	Cloudy, Small Orange Particulates,	No Odor
14:00	5	150	6.69	0.60	7.01	0.77	111.00	1.39	6.1	-25.0	Cloudy, Yellow	No Odor
14:05	5	150	6.69	0.80	7.01	0.78	87.50	1.26	6.1	-29.5	Cloudy, Yellow	No Odor
14:10	5	150	6.69	1.00	7.01	0.78	88.20	1.09	6.2	-32.3	Cloudy, Yellow	No Odor
14:15	5	150	6.69	1.20	7.01	0.79	78.60	0.94	6.3	-37.1	Cloudy, Yellow	No Odor
14:20	5	150	6.69	1.40	7.01	0.80	63.60	1.08	6.2	-40.5	Cloudy, Yellow	No Odor
14:25	5	150	6.69	1.60	7.02	0.83	57.60	0.88	6.4	-44.3	Cloudy, Yellow	No Odor
14:30	5	150	6.69	1.80	7.02	0.85	52.00	0.81	6.7	-47.5	Cloudy, Yellow	No Odor
14:35	5	150	6.69	2.00	7.02	0.85	47.20	0.69	6.7	-49.9	Cloudy, Yellow	No Odor
14:40	5	150	6.69	2.20	7.03	0.86	41.00	0.73	6.9	-52.5	Cloudy, Yellow	No Odor
14:45	5	150	6.69	2.40	7.03	0.87	37.90	0.84	6.4	-54.6	Cloudy, Yellow	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12641 Stark; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-189S			Date	2-17-21
Project Name/Location	Ford LTP			Weather	21.0 degrees F and Cloudy. The wind is blowing undefined at 0.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.77	Total Depth (ft-bmp)	9.06	Water Column (ft.)	2.29	Gallons in Well	0.37
		Pump Intake (ft-bmp)	8.27	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.22				
Sample Time: Label	15:50	Volume Purged	1.19 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	15:06						
Purge End	15:53						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:10	0	125	6.85	0.00	7.30	1.18	2.79	1.07	5.8	19.8	Clear	No Odor
15:15	5	125	6.85	0.17	7.12	1.18	0.19	0.87	5.4	28.1	Clear	No Odor
15:20	5	125	6.85	0.34	7.08	1.17	0.02	0.91	5.6	30.0	Clear	No Odor
15:25	5	125	6.85	0.51	7.05	1.17	0.07	0.81	5.5	29.4	Clear	No Odor
15:30	5	125	6.85	0.68	7.03	1.16	0.02	0.68	5.6	30.0	Clear	No Odor
15:35	5	125	6.85	0.85	7.02	1.14	0.02	0.62	5.5	29.5	Clear	No Odor
15:40	5	125	6.85	1.02	7.02	1.13	0.02	0.60	5.5	28.2	Clear	No Odor
15:45	5	125	6.85	1.19	7.01	1.12	0.02	0.62	5.5	28.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12641 Stark; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-190			Date	2-23-21
Project Name/Location		Ford LTP		Weather	39.9 degrees F and Partly Cloudy. The wind is blowing W/NW at 17.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.79	Total Depth (ft-bmp)	13.30	Water Column (ft.)	8.51	Gallons in Well	1.38
		Pump Intake (ft-bmp)	11.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.39				
Sample Time:	Label 13:56	Volume Purged	1.92 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
	Purge Start 12:53						
	Purge End 14:12						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:55	0	120	4.80	0.00	7.39	2.28	111.00	0.60	8.9	-3.4	Cloudy	No Odor
13:00	5	120	4.80	0.16	7.41	2.30	105.00	0.44	8.9	-33.6	Cloudy	No Odor
13:05	5	120	4.80	0.32	7.41	2.33	96.90	0.26	8.9	-58.9	Cloudy	No Odor
13:10	5	120	4.80	0.48	7.41	2.31	82.30	0.16	8.8	-70.4	Cloudy	No Odor
13:15	5	120	4.82	0.64	7.41	2.32	73.40	0.14	8.9	-76.4	Cloudy	No Odor
13:20	5	120	4.82	0.80	7.41	2.30	62.50	0.18	8.9	-80.4	Cloudy	No Odor
13:25	5	120	4.82	0.96	7.40	2.31	56.80	0.16	8.9	-82.9	Cloudy	No Odor
13:30	5	120	4.82	1.12	7.40	2.34	51.00	0.14	8.9	-85.2	Cloudy	No Odor
13:35	5	120	4.82	1.28	7.40	2.29	48.00	0.15	8.8	-86.2	Cloudy	No Odor
13:40	5	120	4.82	1.44	7.40	2.33	48.10	0.16	8.9	-87.6	Cloudy	No Odor
13:45	5	120	4.82	1.60	7.40	2.30	38.00	0.13	8.9	-88.8	Cloudy	No Odor
13:50	5	120	4.82	1.76	7.40	2.33	39.40	0.14	8.9	-89.0	Cloudy	No Odor
13:55	5	120	4.82	1.92	7.39	2.32	29.70	0.13	8.9	-89.6	Cloudy	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

About 1 inch of ice around casing, chipped out ice before removing j-plug

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12725 Fairlane	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-190S			Date	2-23-21
Project Name/Location		Ford LTP		Weather	39.9 degrees F and Mostly Cloudy. The wind is blowing W/NW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.83	Total Depth (ft-bmp)	6.83	Water Column (ft.)	2.00	Gallons in Well	0.32
		Pump Intake (ft-bmp)	6.33	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.50				
Sample Time: Label	12:26	Volume Purged	1.12 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:48						
Purge End	12:31						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:50	0	120	4.83	0.00	7.32	0.83	9.15	0.15	6.2	2.4	Clear, Small White Particulates	No Odor
11:55	5	120	4.83	0.16	7.33	0.83	2.11	0.16	6.2	-3.0	Clear, Small White Particulates	No Odor
12:00	5	120	4.83	0.32	7.33	0.83	23.90	0.28	6.3	-6.8	Clear, Small White Particulates	No Odor
12:05	5	120	4.83	0.48	7.34	0.83	10.20	0.15	6.3	-9.8	Clear, Small White Particulates	No Odor
12:10	5	120	4.83	0.64	7.34	0.83	5.62	0.16	6.4	-14.0	Clear, Small White Particulates	No Odor
12:15	5	120	4.83	0.80	7.34	0.83	1.18	0.14	6.3	-17.8	Clear, Small White Particulates	No Odor
12:20	5	120	4.83	0.96	7.34	0.83	0.91	0.14	6.3	-22.6	Clear, Small White Particulates	No Odor
12:25	5	120	4.83	1.12	7.35	0.83	0.98	0.13	6.4	-24.1	Clear, Small White Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Chipped out 3 inches of ice to access j-plug. Surface runoff entered well vault during purging. Bailed out water as needed to avoid it entering the well casing.

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12725 Fairlane	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-191S			Date	2-22-21
Project Name/Location		Ford LTP		Weather	34.0 degrees F and Cloudy. The wind is blowing W at 17.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.62	Total Depth (ft-bmp)	6.79	Water Column (ft.)	2.17	Gallons in Well	0.35
		Pump Intake (ft-bmp)	6.12	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.60				
Sample Time: Label	16:30	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	15:48						
Purge End	16:33						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:50	0	100	4.65	0.00	7.11	0.62	0.02	0.69	4.7	-58.0	Clear	No Odor
15:55	5	100	4.64	0.13	7.01	0.61	0.02	0.35	4.7	-54.0	Clear	No Odor
16:00	5	100	4.64	0.26	6.99	0.61	0.57	0.24	4.8	-52.7	Clear	No Odor
16:05	5	100	4.64	0.39	7.00	0.60	0.02	0.20	4.7	-52.9	Clear	No Odor
16:10	5	100	4.64	0.52	7.00	0.60	0.02	0.31	4.8	-53.2	Clear	No Odor
16:15	5	100	4.64	0.65	7.03	0.58	0.02	0.22	5.1	-54.8	Clear	No Odor
16:20	5	100	4.64	0.78	7.05	0.58	0.02	0.20	5.2	-55.7	Clear	No Odor
16:25	5	100	4.64	0.91	7.05	0.58	0.02	0.12	5.2	-56.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Two broken bolts stuck in their threads; one functional bolt

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	35015 Glendale	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-193S			Date	2-26-21
Project Name/Location	Ford LTP			Weather	32.0 degrees F and Mostly Cloudy. The wind is blowing S at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.80	Total Depth (ft-bmp)	7.33	Water Column (ft.)	2.53	Gallons in Well	0.41
		Pump Intake (ft-bmp)	6.30	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.98				
Sample Time: Label	11:46	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:43						
Purge End	11:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:45	0	125	4.91	0.00	6.87	1.02	22.60	1.13	7.8	133.5	Small Brown Particulates, Turbid	Strong Odor
10:50	5	125	4.96	0.17	6.94	1.02	20.30	0.87	7.7	106.5	Small White Particulates, Turbid	Strong Odor
10:55	5	125	4.98	0.34	6.97	1.00	12.40	0.68	7.9	83.9	Clear, Small White Particulates,	No Odor
11:00	5	125	4.98	0.51	7.00	0.98	12.30	0.49	7.8	70.1	Clear, Small White Particulates	Strong Odor
11:05	5	125	4.98	0.68	7.02	0.96	7.98	0.49	7.7	65.7	Clear, Small White Particulates	Strong Odor
11:10	5	125	4.98	0.85	7.04	0.95	6.63	0.45	7.7	66.6	Clear	Strong Odor
11:15	5	125	4.98	1.02	7.06	0.94	6.80	0.42	7.6	98.7	Clear	Strong Odor
11:20	5	125	4.98	1.19	7.08	0.90	3.84	0.66	7.3	45.4	Clear	No Odor
11:25	5	125	4.98	1.36	7.09	0.89	3.11	0.54	7.5	40.9	Clear	Strong Odor
11:30	5	125	4.98	1.53	7.09	0.89	2.30	0.50	7.7	38.1	Clear	Strong Odor
11:35	5	125	4.98	1.70	7.10	0.89	3.99	0.37	7.7	33.0	Clear	Strong Odor
11:40	5	125	4.98	1.87	709.00	0.90	2.60	0.41	7.8	21.3	Clear	No Odor
11:45	5	125	4.98	2.04	7.10	0.89	2.28	0.42	7.8	11.4	Clear	Strong Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34940 Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-207S			Date	2-22-21
Project Name/Location		Ford LTP		Weather	35.1 degrees F and Cloudy and Windy. The wind is blowing W/SW at 21.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.41	Total Depth (ft-bmp)	8.81	Water Column (ft.)	0.40	Gallons in Well	0.06
		Pump Intake (ft-bmp)	8.61	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	20.00				
Sample Time: Label	11:55	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	11:19						
Purge End	11:59						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	150	8.51	0.00	7.78	0.61	19.50	9.47	7.0	193.5	Clear	No Odor
11:25	5	150	8.51	0.20	7.78	0.60	47.90	9.67	7.4	191.7	Clear	No Odor
11:30	5	150	8.51	0.40	7.78	0.59	9.92	10.04	7.6	191.4	Clear	No Odor
11:35	5	150	8.51	0.60	7.80	0.59	5.44	10.26	7.7	192.2	Clear	No Odor
11:40	5	150	8.51	0.80	7.80	0.60	3.68	10.44	7.8	193.5	Clear	No Odor
11:45	5	150	8.51	1.00	7.80	0.60	3.35	10.29	7.8	194.8	Clear	No Odor
11:50	5	150	8.51	1.20	7.81	0.60	0.25	10.32	7.8	196.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12125 Stark, front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-214S			Date	2-9-21
Project Name/Location	Ford LTP			Weather	12.9 degrees F and Mostly Cloudy. The wind is blowing N at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.43	Total Depth (ft-bmp)	10.89	Water Column (ft.)	2.46	Gallons in Well	0.40
		Pump Intake (ft-bmp)	9.93	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	7.35				
Sample Time: Label	10:45	Volume Purged	2.94 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	9:37						
Purge End	10:48						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:40	0	200	8.46	0.00	6.89	3.10	40.00	0.63	8.5	145.6	Clear	No Odor
9:45	5	200	8.46	0.26	7.12	3.11	81.20	0.25	8.9	38.5	Clear, Small Orange Particulates	No Odor
9:50	5	200	8.46	0.52	7.14	3.11	54.80	0.21	9.3	8.8	Clear, Small Orange Particulates,	No Odor
9:55	5	200	8.46	0.78	7.15	3.13	40.00	0.17	9.5	-7.9	Clear, Small White Particulates	No Odor
10:00	5	200	8.46	1.04	7.16	3.13	37.50	0.20	9.8	-19.1	Clear, Small White Particulates	No Odor
10:05	5	200	8.46	1.30	7.16	3.15	22.80	0.14	9.5	-26.3	Clear, Small White Particulates	No Odor
10:10	5	200	8.46	1.56	7.16	3.16	10.60	0.14	9.5	-32.4	Clear, Small White Particulates	No Odor
10:15	5	200	8.46	1.82	7.16	3.16	3.28	0.12	9.7	-35.5	Clear, Small White Particulates	No Odor
10:20	5	200	8.46	2.08	7.16	3.16	4.41	0.10	9.9	-38.1	Clear, Small White Particulates	No Odor
10:25	5	150	8.46	2.34	7.17	3.18	2.60	0.10	8.5	-39.4	Clear, Small White Particulates	No Odor
10:30	5	150	8.46	2.54	7.17	3.19	0.02	0.13	8.2	-39.4	Clear	No Odor
10:35	5	150	8.46	2.74	7.17	3.18	1.44	0.13	8.2	-38.8	Clear	No Odor
10:40	5	150	8.46	2.94	7.17	3.18	0.58	0.21	8.3	-39.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12400 Belden	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-215S			Date	2-19-21
Project Name/Location		Ford LTP		Weather	24.1 degrees F and Cloudy. The wind is blowing W/NW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.68	Total Depth (ft-bmp)	7.62	Water Column (ft.)	0.94	Gallons in Well	0.15
		Pump Intake (ft-bmp)	7.15	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	12.00				
Sample Time: Label	15:00	Volume Purged	1.8 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	14:11						
Purge End	15:05						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:15	0	150	6.72	0.00	7.98	0.25	110.00	11.08	5.3	28.7	Cloudy	No Odor
14:20	5	150	6.72	0.20	7.95	0.25	31.20	8.59	5.4	30.4	Clear	No Odor
14:25	5	150	6.72	0.40	7.96	0.25	20.80	8.49	5.5	30.3	Clear	No Odor
14:30	5	150	7.62	0.60	8.00	0.25	11.10	8.36	5.7	30.6	Clear	No Odor
14:35	5	150	7.62	0.80	8.02	0.25	7.18	8.25	5.6	31.5	Clear	No Odor
14:40	5	150	7.62	1.00	8.01	0.25	5.79	8.09	5.8	33.0	Clear	No Odor
14:45	5	150	7.62	1.20	8.01	0.25	5.67	8.23	5.8	35.2	Clear	No Odor
14:50	5	150	7.62	1.40	8.02	0.25	3.59	8.27	5.8	36.6	Clear	No Odor
14:55	5	150	7.62	1.60	8.02	0.25	3.25	8.20	5.8	37.8	Clear	No Odor
15:00	5	150	7.62	1.80	8.01	0.25	3.15	8.04	5.8	38.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Added lock

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	35000 Plymouth; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-216S			Date	2-25-21
Project Name/Location		Ford LTP		Weather	41.0 degrees F and Partly Cloudy. The wind is blowing W at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.04	Total Depth (ft-bmp)	10.42	Water Column (ft.)	1.38	Gallons in Well	0.22
		Pump Intake (ft-bmp)	10.20	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.32				
Sample Time: Label	15:42	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	14:53						
Purge End	15:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:55	0	100	9.10	0.00	7.83	0.34	3.91	3.26	8.2	44.8	Clear, Small White Particulates	No Odor
15:00	5	100	9.10	0.13	7.55	0.34	3.22	0.55	8.2	43.5	Clear, Small White Particulates	No Odor
15:05	5	100	9.11	0.26	7.51	0.33	0.02	0.40	8.2	13.4	Clear	No Odor
15:10	5	100	9.11	0.39	7.59	0.33	0.02	0.31	8.2	-11.2	Clear	No Odor
15:15	5	100	9.11	0.52	7.61	0.34	0.02	0.30	8.3	-25.2	Clear	No Odor
15:20	5	100	9.11	0.65	7.62	0.34	0.02	0.25	8.3	-36.5	Clear	No Odor
15:25	5	100	9.11	0.78	7.62	0.34	0.02	0.21	8.2	-45.8	Clear	No Odor
15:30	5	100	9.11	0.91	7.63	0.34	0.02	0.26	8.3	-51.3	Clear	No Odor
15:35	5	100	9.11	1.04	7.63	0.34	0.02	0.22	8.4	-56.2	Clear	No Odor
15:40	5	100	9.11	1.17	7.63	0.34	0.02	0.23	8.3	-59.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34851 Wadsworth; backyard	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-217S			Date	2-26-21
Project Name/Location	Ford LTP			Weather	30.0 degrees F and Mostly Clear. The wind is blowing SE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.32	Total Depth (ft-bmp)	10.22	Water Column (ft.)	1.90	Gallons in Well	0.31
		Pump Intake (ft-bmp)	9.82	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.52				
Sample Time: Label	10:53	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	10:18						
Purge End	10:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	100	8.34	0.00	7.62	0.44	5.02	1.00	7.6	73.2	Clear	No Odor
10:25	5	100	8.34	0.13	7.53	0.45	7.05	0.73	7.7	-9.3	Clear	No Odor
10:30	5	100	8.34	0.26	7.57	0.45	4.74	0.81	7.8	-41.3	Clear	No Odor
10:35	5	100	8.34	0.39	7.60	0.45	3.11	0.83	7.8	-56.2	Clear	No Odor
10:40	5	100	8.34	0.52	7.62	0.44	1.17	0.86	7.9	-57.8	Clear	No Odor
10:45	5	100	8.34	0.65	7.63	0.44	1.48	0.85	7.9	-55.1	Clear	No Odor
10:50	5	100	8.34	0.78	7.64	0.44	0.02	0.90	7.9	-47.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

No lock.

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34935 Wadsworth backyard	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-223S			Date	2-15-21
Project Name/Location		Ford LTP		Weather	15.8 degrees F and . The wind is blowing N at 11.5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.5-13.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.94	Total Depth (ft-bmp)	13.23	Water Column (ft.)	1.29	Gallons in Well	0.21
		Pump Intake (ft-bmp)	13.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.57				
Sample Time: Label	15:08	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	14:15						
Purge End	15:11						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:20	0	100	12.09	0.00	7.38	2.56	637.00	2.25	9.4	5.0	Cloudy, Orange	No Odor
14:25	5	100	12.14	0.13	7.36	2.74	346.00	1.74	9.7	-1.0	Cloudy, Orange	No Odor
14:30	5	100	12.15	0.26	7.35	2.59	359.00	1.26	9.6	-12.8	Cloudy, Orange	No Odor
14:35	5	100	12.15	0.39	7.35	2.45	34.00	0.80	10.0	-23.9	Clear	No Odor
14:40	5	100	12.15	0.52	7.35	2.41	7.61	0.76	9.6	-27.4	Clear	No Odor
14:45	5	100	12.13	0.65	7.34	2.35	6.57	0.69	9.7	-32.1	Clear	No Odor
14:50	5	100	12.13	0.78	7.34	2.28	0.81	0.56	9.7	-36.4	Clear	No Odor
14:55	5	100	12.13	0.91	7.33	2.26	0.42	0.58	9.6	-40.4	Clear	No Odor
15:00	5	100	12.14	1.04	7.33	2.20	0.38	0.53	9.7	-43.5	Clear	No Odor
15:05	5	100	12.14	1.17	7.33	2.20	1.26	0.56	9.7	-44.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	35000 Plymouth; front	Well Locked at Arrival:	n/a
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-225S			Date	2-23-21
Project Name/Location		Ford LTP		Weather	39.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.03	Total Depth (ft-bmp)	9.55	Water Column (ft.)	1.52	Gallons in Well	0.25
		Pump Intake (ft-bmp)	9.03	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	8.28				
Sample Time: Label	10:40	Volume Purged	2.07 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	9:49						
Purge End	10:42						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:50	0	175	8.21	0.00	8.02	0.35	42.40	6.58	7.6	127.6	Clear	No Odor
9:55	5	175	8.21	0.23	7.99	0.34	30.60	6.62	7.9	123.5	Clear	No Odor
10:00	5	175	8.21	0.46	7.98	0.33	20.80	6.22	8.1	124.4	Clear	No Odor
10:05	5	175	8.21	0.69	0.98	0.33	14.40	6.09	8.2	125.2	Clear	No Odor
10:10	5	175	8.21	0.92	7.90	0.33	11.80	5.78	8.2	126.4	Clear	No Odor
10:15	5	175	8.21	1.15	7.98	0.34	9.63	5.45	7.9	129.6	Clear	No Odor
10:20	5	175	8.21	1.38	7.99	0.33	6.50	5.60	7.9	135.3	Clear	No Odor
10:25	5	175	8.21	1.61	7.99	0.33	4.60	5.64	7.9	133.9	Clear	No Odor
10:30	5	175	8.21	1.84	7.99	0.33	4.52	5.63	8.0	134.7	Clear	No Odor
10:35	5	175	8.21	2.07	7.99	0.33	3.83	5.71	8.0	136.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34800 Standish, front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-15-61D			Date	5-15-21
Project Name/Location		Ford LTP		Weather	59.0 degrees F and Mostly Cloudy. The wind is blowing SW at 8.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	88-93	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	24.97	Total Depth (ft-bmp)	93.72	Water Column (ft.)	68.75	Gallons in Well	11.17
		Pump Intake (ft-bmp)	90.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.20				
Sample Time: Label	11:00	Volume Purged	2.23 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	10:19						
Purge End	11:06						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:25	0	250	24.00	0.00	7.41	1.11	5.62	0.92	14.9	-105.9	Clear	Slight Odor
10:30	5	250	25.57	0.33	7.41	1.36	7.31	0.49	15.3	-150.0	Clear	Slight Odor
10:35	5	250	27.27	0.79	7.46	1.31	8.39	0.38	15.1	-155.5	Clear	Slight Odor
10:40	5	250	28.31	1.12	7.46	1.23	7.07	0.45	14.6	-152.2	Clear	Slight Odor
10:45	5	200	29.20	1.45	7.43	1.17	4.03	0.43	15.3	-149.7	Clear	Slight Odor
10:50	5	200	30.89	1.71	7.42	1.12	1.72	0.39	15.1	-147.7	Clear	Slight Odor
10:55	5	200	32.64	1.97	7.41	1.09	3.39	0.33	14.9	-147.4	Clear	Slight Odor
11:00	5	200	33.60	2.23	7.41	1.09	0.62	0.33	14.7	-146.5	Clear	Slight Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-30			Date	5-15-21
Project Name/Location	Ford LTP			Weather	69.1 degrees F and Partly Cloudy. The wind is blowing W at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19-24	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.38	Total Depth (ft-bmp)	24.75	Water Column (ft.)	14.37	Gallons in Well	2.33
		Pump Intake (ft-bmp)	21.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.61				
Sample Time: Label	13:16	Volume Purged	1.43 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:17						
Purge End	13:26						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	100	10.85	0.00	7.33	5.87	68.80	0.40	14.0	12.2	Small Brown Particulates, Turbid	No Odor
12:25	5	100	10.94	0.13	7.32	5.85	74.00	0.31	14.0	1.8	Small Brown Particulates, Turbid	No Odor
12:30	5	100	10.98	0.26	7.31	5.87	73.50	0.35	14.3	-14.7	Small Brown Particulates, Turbid	No Odor
12:35	5	100	11.00	0.39	7.32	5.85	59.50	0.35	14.5	-33.1	Small Brown Particulates, Turbid	No Odor
12:40	5	100	11.00	0.52	7.32	5.81	54.90	0.29	14.4	-48.6	Small Brown Particulates, Turbid	No Odor
12:45	5	100	11.02	0.65	7.33	5.80	51.90	0.30	14.5	-63.6	Small Brown Particulates, Turbid	No Odor
12:50	5	100	11.02	0.78	7.34	5.75	45.90	0.25	14.4	-73.5	Small Brown Particulates, Turbid	No Odor
12:55	5	100	11.02	0.91	7.35	5.75	53.60	0.24	14.6	-82.6	Small Brown Particulates, Turbid	No Odor
13:00	5	100	11.00	1.04	7.35	5.73	44.10	0.24	14.7	-89.2	Clear, Small Brown Particulates	No Odor
13:05	5	100	11.00	1.17	7.36	5.71	40.00	0.21	14.9	-94.5	Clear, Small Brown Particulates	No Odor
13:10	5	100	11.00	1.30	7.36	5.73	38.10	0.23	14.7	-97.5	Clear, Small Brown Particulates	No Odor
13:15	5	100	11.00	1.43	7.36	5.69	37.80	0.20	14.7	-101.2	Clear, Small Brown Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-31			Date	5-15-21
Project Name/Location	Ford LTP			Weather	63.0 degrees F and Partly Cloudy. The wind is blowing S at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.66	Total Depth (ft-bmp)	21.68	Water Column (ft.)	11.02	Gallons in Well	1.79
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.58				
Sample Time: Label	10:21	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:37						
Purge End	10:28						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:40	0	100	10.73	0.00	7.12	14.82	1.60	1.23	13.8	-19.8	Clear	No Odor
9:45	5	100	10.73	0.13	7.17	14.84	1.75	0.73	13.9	-44.8	Clear	No Odor
9:50	5	100	10.73	0.26	7.18	14.73	2.10	0.70	14.0	-50.6	Clear	No Odor
9:55	5	100	10.73	0.39	7.18	14.63	0.64	0.71	13.9	-57.4	Clear	No Odor
10:00	5	100	10.73	0.52	7.19	14.65	0.83	0.64	13.7	-62.3	Clear	No Odor
10:05	5	100	10.73	0.65	7.19	14.62	0.02	0.50	13.8	-69.4	Clear	No Odor
10:10	5	100	10.73	0.78	7.20	14.62	0.53	0.46	13.8	-70.4	Clear	No Odor
10:15	5	100	10.73	0.91	7.20	14.62	0.23	0.43	13.9	-73.6	Clear	No Odor
10:20	5	100	10.73	1.04	7.20	14.64	0.10	0.34	14.0	-75.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-32			Date	5-20-21
Project Name/Location		Ford LTP		Weather	66.0 degrees F and Cloudy. The wind is blowing E/SE at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	18-23	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.13	Total Depth (ft-bmp)	22.71	Water Column (ft.)	12.58	Gallons in Well	2.04
		Pump Intake (ft-bmp)	20.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.18				
Sample Time: Label	9:55	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	8:49						
Purge End	9:59						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:52	0	150	10.50	0.00	7.23	4.40	214.00	0.76	12.5	-9.5	Cloudy	No Odor
8:57	5	150	10.52	0.20	7.23	4.28	187.00	0.32	12.5	-40.2	Cloudy	No Odor
9:02	5	150	10.53	0.40	7.21	4.27	125.00	0.31	12.6	-44.5	Cloudy	No Odor
9:07	5	150	10.53	0.60	7.21	4.27	94.20	0.27	12.7	-43.7	Cloudy	No Odor
9:12	5	150	10.53	0.80	7.20	4.30	101.00	0.35	12.7	-46.8	Clear	No Odor
9:17	5	150	10.53	1.00	7.21	4.33	97.60	0.35	12.7	-49.7	Cloudy	No Odor
9:22	5	150	10.53	1.20	7.21	4.40	86.30	0.21	12.6	-51.4	Cloudy	No Odor
9:27	5	150	10.53	1.40	7.21	4.44	72.70	0.27	12.7	-54.8	Cloudy	No Odor
9:32	5	150	10.53	1.60	7.21	4.44	69.00	0.39	12.5	-56.7	Cloudy	No Odor
9:37	5	150	10.53	1.80	7.22	4.49	60.80	0.38	12.7	-58.3	Cloudy	No Odor
9:42	5	150	10.53	2.00	7.22	4.50	53.80	0.23	12.8	-58.0	Clear	No Odor
9:47	5	150	10.53	2.20	7.22	4.53	47.00	0.21	12.9	-60.0	Clear	No Odor
9:52	5	150	10.53	2.40	7.22	4.56	41.30	0.20	12.7	-61.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite; South	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-33			Date	5-18-21
Project Name/Location		Ford LTP		Weather	73.9 degrees F and Partly Cloudy. The wind is blowing SE at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.88	Total Depth (ft-bmp)	18.67	Water Column (ft.)	9.79	Gallons in Well	1.59
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.51				
Sample Time: Label	14:12	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	13:06						
Purge End	14:16						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:08	0	150	8.98	0.00	7.13	4.84	196.00	3.37	17.5	-37.0	Brown	No Odor
13:13	5	150	9.02	0.20	7.12	4.10	168.00	1.12	14.4	-43.5	Brown	No Odor
13:18	5	150	9.04	0.40	7.12	4.18	132.00	0.36	13.9	-47.5	Brown	No Odor
13:23	5	150	9.04	0.60	7.12	4.18	121.00	0.17	13.7	-50.2	Cloudy	No Odor
13:28	5	150	9.04	0.80	7.12	4.20	145.00	0.08	13.5	-52.0	Cloudy	No Odor
13:33	5	150	9.05	1.00	7.12	4.24	109.00	0.26	13.6	-53.3	Cloudy	No Odor
13:38	5	150	9.05	1.20	7.12	4.26	89.30	0.10	13.6	-55.1	Clear	No Odor
13:43	5	150	9.05	1.40	7.13	4.24	72.70	0.01	13.5	-57.0	Clear	No Odor
13:48	5	150	9.05	1.60	7.13	4.26	88.00	0.02	13.4	-58.6	Cloudy	No Odor
13:53	5	150	9.05	1.80	7.13	4.26	85.40	0.00	13.5	-59.2	Clear	No Odor
13:58	5	150	9.05	2.00	7.13	4.27	79.60	0.01	13.7	-59.8	Cloudy	No Odor
14:03	5	150	9.05	2.20	7.13	4.27	74.20	0.02	13.7	-60.3	Cloudy	No Odor
14:08	5	150	9.05	2.40	7.13	4.27	66.30	0.12	13.7	-60.6	Cloudy	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite; South	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-34			Date	5-15-21
Project Name/Location	Ford LTP			Weather	55 degrees F It is Partly Cloudy. The wind is blowing W at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.5-21.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.56	Total Depth (ft-bmp)	21.28	Water Column (ft.)	11.72	Gallons in Well	1.90
		Pump Intake (ft-bmp)	19.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.26				
Sample Time: Label	9:35	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	8:32						
Purge End	9:41						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:35	0	150	10.20	0.00	6.99	11.25	22.70	0.79	13.5	57.4	Clear, Small Orange Particulates	No Odor
8:40	5	150	10.38	0.20	7.01	11.26	19.70	0.66	13.5	41.4	Clear, Small Orange Particulates	No Odor
8:45	5	150	10.45	0.40	7.02	11.22	15.70	0.61	13.6	16.2	Clear, Small Orange Particulates	No Odor
8:50	5	150	10.45	0.60	7.04	11.17	10.10	0.35	13.8	-35.9	Clear, Small Orange Particulates	No Odor
8:55	5	150	10.45	0.80	7.04	11.10	10.40	0.26	13.7	-59.5	Clear, Small Orange Particulates	No Odor
9:00	5	150	10.45	1.00	7.05	10.93	7.44	0.17	13.6	-73.2	Clear, Small Orange Particulates	No Odor
9:05	5	150	10.45	1.20	7.06	10.82	9.02	0.13	13.4	-78.8	Clear, Small Orange Particulates	No Odor
9:10	5	150	10.45	1.40	7.06	10.71	4.00	0.14	13.7	-85.6	Clear	No Odor
9:15	5	150	10.45	1.60	7.07	10.62	4.94	0.11	13.7	-90.0	Clear, Small Orange Particulates	No Odor
9:20	5	150	10.45	1.80	7.07	10.51	4.33	0.11	13.5	-92.6	Clear	No Odor
9:25	5	150	10.45	2.00	7.08	10.41	4.40	0.15	13.5	-95.6	Clear	No Odor
9:30	5	150	10.45	2.20	7.08	10.37	3.62	0.12	13.6	-96.7	Clear	No Odor
9:35	5	150	10.45	2.40	7.08	10.30	3.50	0.11	13.8	-99.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

One broken thread tab

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-35			Date	5-15-21
Project Name/Location	Ford LTP			Weather	69.1 degrees F and Partly Cloudy. The wind is blowing W at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.5-24.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.18	Total Depth (ft-bmp)	24.22	Water Column (ft.)	16.04	Gallons in Well	2.61
		Pump Intake (ft-bmp)	22.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.10				
Sample Time: Label	11:17	Volume Purged	2.88 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	10:11						
Purge End	11:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:14	0	180	8.69	0.00	7.44	4.62	4.70	5.45	14.7	-159.9	Clear	Faint Odor
10:19	5	180	9.14	0.24	7.43	4.59	6.93	0.34	14.6	-181.5	Clear, Small White Particulates	No Odor
10:24	5	180	9.19	0.48	7.41	4.58	23.70	0.25	14.7	-186.5	Clear, Small Orange Particulates	No Odor
10:29	5	180	9.23	0.72	7.39	4.60	15.30	0.20	14.7	-189.5	Clear, Small White Particulates	No Odor
10:34	5	180	9.25	0.96	7.38	4.57	15.90	0.17	15.1	-191.6	Clear, Small White Particulates	No Odor
10:39	5	180	9.26	1.20	7.37	4.56	19.10	0.16	15.2	-192.1	Clear, Small Black Particulates	No Odor
10:44	5	180	9.28	1.44	7.36	4.56	18.10	0.13	14.6	-192.5	Clear, Small Black Particulates	No Odor
10:49	5	180	9.31	1.68	7.36	4.54	20.30	0.11	14.9	-193.0	Clear	No Odor
10:54	5	180	9.34	1.92	7.35	4.52	14.70	0.12	15.0	-195.0	Clear	No Odor
10:59	5	180	9.34	2.16	7.35	4.48	21.50	0.12	14.8	-195.2	Clear, Small Black Particulates	No Odor
11:04	5	180	9.34	2.40	7.34	4.45	26.10	0.15	14.7	-196.0	Clear, Small Black Particulates	No Odor
11:09	5	180	9.34	2.64	7.33	4.42	15.00	0.14	14.6	-196.7	Clear, Small Black Particulates	No Odor
11:14	5	180	9.34	2.88	7.32	4.37	14.10	0.18	14.7	-197.1	Clear, Small Black Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-38			Date	5-20-21
Project Name/Location	Ford LTP			Weather	77.0 degrees F and Mostly Cloudy. The wind is blowing S at 4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.92	Total Depth (ft-bmp)	19.48	Water Column (ft.)	10.56	Gallons in Well	1.72
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.70				
Sample Time: Label	10:50	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	10:12						
Purge End	10:52						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	150	9.22	0.00	7.67	2.33	2.39	1.60	13.1	-154.6	Clear	Faint Odor
10:20	5	150	9.25	0.20	7.59	2.32	2.24	0.27	12.8	-160.9	Clear	No Odor
10:25	5	150	9.21	0.40	7.58	2.31	1.17	0.19	13.2	-163.2	Clear	No Odor
10:30	5	150	9.22	0.60	7.56	2.31	0.81	0.12	13.1	-164.6	Clear	No Odor
10:35	5	150	9.22	0.80	7.55	2.30	1.71	0.11	13.0	-166.0	Clear	No Odor
10:40	5	150	9.22	1.00	7.55	2.30	0.99	0.08	13.1	-167.0	Clear	No Odor
10:45	5	150	9.22	1.20	7.54	2.32	2.44	0.07	13.3	-168.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	On-site; S of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-39			Date	5-18-21
Project Name/Location	Ford LTP			Weather	75.0 degrees F and Mostly Cloudy. The wind is blowing S/SE at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.5-24.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.68	Total Depth (ft-bmp)	24.16	Water Column (ft.)	12.48	Gallons in Well	2.03
		Pump Intake (ft-bmp)	22.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.99				
Sample Time: Label	15:48	Volume Purged	2 gallons	Replicate/Code No.	MW-39-MS_051821, MW-39-MSD_051821	Sampled by	Shantel Johnson
Purge Start	14:52						
Purge End	16:02						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:54	0	150	11.71	0.00	7.24	4.49	98.80	1.36	14.7	111.4	Cloudy	No Odor
14:59	5	150	11.73	0.20	7.24	4.48	74.10	1.21	14.7	105.0	Cloudy	No Odor
15:04	5	150	11.73	0.40	7.24	4.57	63.80	1.11	14.8	65.3	Cloudy	No Odor
15:09	5	150	11.74	0.60	7.24	4.58	49.30	0.94	14.3	38.3	Clear	No Odor
15:14	5	150	11.74	0.80	7.24	4.57	37.50	0.92	14.8	30.2	Clear	No Odor
15:19	5	150	11.74	1.00	7.24	4.49	27.70	0.80	13.9	20.5	Clear	No Odor
15:24	5	150	11.74	1.20	7.24	4.46	22.40	0.60	14.3	19.4	Clear	No Odor
15:29	5	150	11.74	1.40	7.24	4.37	13.90	0.57	13.7	17.4	Clear	No Odor
15:34	5	150	11.74	1.60	7.24	4.32	12.80	0.54	13.9	14.7	Clear	No Odor
15:39	5	150	11.74	1.80	7.24	4.30	12.30	0.54	14.0	14.5	Clear	No Odor
15:44	5	150	11.74	2.00	7.24	4.30	12.70	0.56	14.0	14.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite; South	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-40			Date	5-15-21
Project Name/Location		Ford LTP		Weather	63.0 degrees F and Partly Cloudy. The wind is blowing S at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.56	Total Depth (ft-bmp)	19.25	Water Column (ft.)	8.69	Gallons in Well	1.41
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.92				
Sample Time: Label	9:06	Volume Purged	1.3 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	8:13						
Purge End	9:11						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:15	0	100	10.56	0.00	7.01	17.08	31.20	0.45	13.0	55.5	Brown, Turbid	No Odor
8:20	5	100	10.63	0.13	7.03	17.03	33.70	0.51	13.0	37.4	Turbid	No Odor
8:25	5	100	10.63	0.26	7.07	16.90	19.50	0.65	13.1	5.0	Clear	No Odor
8:30	5	100	10.63	0.39	7.09	16.78	10.50	0.84	13.2	-16.8	Clear	No Odor
8:35	5	100	10.63	0.52	7.10	16.70	7.53	0.90	13.3	-27.3	Clear	No Odor
8:40	5	100	10.63	0.65	7.11	16.67	6.45	1.00	13.4	-33.1	Clear	No Odor
8:45	5	100	10.63	0.78	7.12	16.63	3.95	1.13	13.4	-36.5	Clear	No Odor
8:50	5	100	10.63	0.91	7.13	16.55	3.48	1.17	13.5	-38.9	Clear	No Odor
8:55	5	100	10.63	1.04	7.13	16.52	3.22	1.11	11.7	-40.8	Clear	No Odor
9:00	5	100	10.63	1.17	7.13	16.46	2.21	1.05	11.7	-42.2	Clear	No Odor
9:05	5	100	10.63	1.30	7.13	16.50	2.59	1.05	11.7	-44.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-41			Date	5-15-21
Project Name/Location	Ford LTP			Weather	63.0 degrees F and Partly Cloudy. The wind is blowing S at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.68	Total Depth (ft-bmp)	20.89	Water Column (ft.)	11.21	Gallons in Well	1.82
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.88				
Sample Time: Label	11:54	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	11:07						
Purge End	23:58						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	150	9.86	0.00	7.30	20.29	33.10	1.24	14.9	-36.2	Clear	No Odor
11:15	5	150	9.86	0.20	7.30	20.39	33.30	0.51	14.6	-63.4	Clear	No Odor
11:20	5	150	9.88	0.40	7.34	20.38	24.00	0.18	14.4	-45.9	Clear	No Odor
11:25	5	150	9.87	0.60	7.30	20.37	22.00	0.03	14.1	-57.9	Clear	No Odor
11:30	5	150	9.87	0.80	7.30	20.33	13.30	0.01	14.3	-63.4	Clear	No Odor
11:35	5	150	9.87	1.00	7.30	20.30	9.57	0.01	14.0	-66.0	Clear	No Odor
11:40	5	150	9.87	1.20	7.30	20.31	5.98	0.01	14.0	-67.0	Clear	No Odor
11:45	5	150	9.87	1.40	7.31	20.28	6.59	0.00	14.0	-67.6	Clear	No Odor
11:50	5	150	9.87	1.60	7.31	20.26	6.60	0.02	14.0	-65.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-42			Date	5-15-21
Project Name/Location	Ford LTP			Weather	69.1 degrees F and Partly Cloudy. The wind is blowing W at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.96	Total Depth (ft-bmp)	20.45	Water Column (ft.)	11.49	Gallons in Well	1.87
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.73				
Sample Time: Label	12:20	Volume Purged	1.36 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	11:35						
Purge End	12:24						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:40	0	125	9.25	0.00	6.97	24.59	1.91	1.04	14.7	-114.3	Clear, Small Orange Particulates	Slight Odor
11:45	5	125	9.12	0.17	6.99	24.32	1.23	0.32	14.7	-122.0	Clear, Small Orange Particulates	Slight Odor
11:50	5	125	9.12	0.34	7.00	23.62	1.43	0.21	14.6	-124.6	Clear, Small Orange Particulates	Faint Odor
11:55	5	125	9.13	0.51	7.00	23.63	2.85	0.16	14.2	-126.0	Clear, Small Orange Particulates	Faint Odor
12:00	5	125	9.14	0.68	7.01	22.95	0.98	0.12	14.3	-127.8	Clear	Faint Odor
12:05	5	125	9.15	0.85	7.01	23.03	0.04	0.10	14.1	-129.4	Clear	No Odor
12:10	5	125	9.17	1.02	7.02	22.78	0.02	0.08	14.2	-131.2	Clear	Faint Odor
12:15	5	125	9.18	1.19	7.02	22.69	0.98	0.08	14.0	-132.6	Clear	Faint Odor
12:20	5	125	9.12	1.36	7.02	22.70	0.15	0.06	13.9	-132.9	Clear	Faint Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-43			Date	5-15-21
Project Name/Location	Ford LTP			Weather	60.0 degrees F and Partly Cloudy. The wind is blowing W at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.00	Total Depth (ft-bmp)	21.75	Water Column (ft.)	13.75	Gallons in Well	2.23
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.08				
Sample Time: Label	10:17	Volume Purged	2.4 gallons	Replicate/Code No.	MW-43-MS_051521, MW-43-MSD_051521	Sampled by	Julia McClafferty
Purge Start	9:11						
Purge End	10:28						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:13	0	150	8.13	0.00	7.36	12.87	25.40	1.39	13.9	-80.5	Clear, Small Orange Particulates	No Odor
9:18	5	150	8.13	0.20	7.32	13.18	30.00	0.85	14.5	-111.1	Clear, Small Orange Particulates	No Odor
9:23	5	150	8.13	0.40	7.33	13.21	25.10	0.32	14.2	-118.8	Clear, Small Orange Particulates	No Odor
9:28	5	150	8.13	0.60	7.33	13.25	29.80	0.25	14.3	-121.2	Clear, Small Orange Particulates	No Odor
9:33	5	150	8.13	0.80	7.32	13.31	21.80	0.28	14.8	-122.8	Clear, Small Orange Particulates	No Odor
9:38	5	150	8.13	1.00	7.31	13.35	24.10	0.35	15.1	-122.3	Clear, Small Orange Particulates	No Odor
9:43	5	150	8.13	1.20	7.32	13.27	28.40	0.27	15.0	-123.4	Clear, Small Orange Particulates	No Odor
9:48	5	150	8.13	1.40	7.33	13.21	29.80	0.28	15.0	-124.5	Clear, Small Orange Particulates	No Odor
9:53	5	150	8.13	1.60	7.31	13.19	26.80	0.22	15.0	-126.6	Clear, Small Orange Particulates	No Odor
9:58	5	150	8.13	1.80	7.33	13.15	10.20	0.25	14.9	-126.7	Clear	No Odor
10:03	5	150	8.13	2.00	7.33	13.19	6.58	0.20	14.7	-125.6	Clear	No Odor
10:08	5	150	8.13	2.20	7.33	13.20	5.45	0.14	14.6	-126.6	Clear	No Odor
10:13	5	150	8.13	2.40	7.32	13.18	9.04	0.15	14.7	-127.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite; East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-45			Date	5-11-21
Project Name/Location		Ford LTP		Weather	50.0 degrees F and Partly Cloudy. The wind is blowing N/NW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.52	Total Depth (ft-bmp)	19.66	Water Column (ft.)	8.14	Gallons in Well	1.32
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.69				
Sample Time: Label	13:30	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	12:47						
Purge End	13:33						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:50	0	100	11.55	0.00	7.19	5.00	32.20	1.19	13.2	-104.6	Clear, Small Orange Particulates	Faint Odor
12:55	5	100	11.57	0.13	7.17	5.00	27.90	0.39	13.1	-103.4	Clear, Small Orange Particulates	Faint Odor
13:00	5	100	11.57	0.26	7.16	5.03	19.70	0.38	13.1	-103.3	Clear, Small Orange Particulates	Faint Odor
13:05	5	100	11.57	0.39	7.16	5.04	18.60	0.35	13.4	-103.3	Clear, Small Orange Particulates	Faint Odor
13:10	5	100	11.57	0.52	7.16	5.06	18.50	0.29	13.2	-102.8	Clear, Small Orange Particulates	Faint Odor
13:15	5	100	11.57	0.65	7.16	5.07	16.70	0.31	13.1	-103.0	Clear, Small Orange Particulates	Faint Odor
13:20	5	100	11.57	0.78	7.16	5.07	16.80	0.30	13.1	-102.8	Clear, Small Orange Particulates	Faint Odor
13:25	5	100	11.57	0.91	7.16	5.08	17.10	0.32	13.3	-102.7	Clear, Small Orange Particulates	Faint Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	On-site; S of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-46			Date	5-7-21
Project Name/Location	Ford LTP			Weather	48.0 degrees F and Partly Cloudy. The wind is blowing W at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.82	Total Depth (ft-bmp)	19.77	Water Column (ft.)	8.95	Gallons in Well	1.45
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.08				
Sample Time: Label	10:40	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	9:39						
Purge End	10:47						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:40	0	100	11.27	0.00	7.55	2.46	56.80	2.08	13.1	189.2	Cloudy, Small Black Particulates	No Odor
9:45	5	100	11.30	0.13	7.54	2.46	45.00	0.81	13.2	76.0	Clear, Small Black Particulates	No Odor
9:50	5	100	11.35	0.26	7.49	2.63	32.40	0.39	13.3	40.0	Clear, Small Black Particulates	No Odor
9:55	5	100	11.40	0.39	7.59	3.08	25.90	0.26	13.3	9.0	Clear, Small Black Particulates	No Odor
10:00	5	100	11.46	0.52	7.60	3.23	21.70	0.30	13.3	-12.3	Clear, Small Brown Particulates	No Odor
10:05	5	100	11.45	0.65	7.62	3.77	15.20	0.15	13.2	-41.5	Clear, Small Brown Particulates	No Odor
10:10	5	100	11.50	0.78	7.61	4.31	11.10	0.11	13.1	-62.2	Clear, Small Brown Particulates	No Odor
10:15	5	100	11.52	0.91	7.61	4.88	9.49	0.12	13.1	-75.8	Clear, Small Brown Particulates	No Odor
10:20	5	100	11.52	1.04	7.58	5.55	8.55	0.22	13.2	-79.1	Clear, Small Brown Particulates	No Odor
10:25	5	100	11.52	1.17	7.56	6.05	6.89	0.10	13.0	-87.6	Clear, Small Brown Particulates	No Odor
10:30	5	100	11.52	1.30	7.54	6.58	6.32	0.08	13.0	-91.2	Clear, Small Brown Particulates	No Odor
10:35	5	100	11.52	1.43	7.52	6.90	5.59	0.07	13.0	-92.2	Clear, Small Brown Particulates	No Odor
10:40	5	100	11.52	1.56	7.50	7.19	4.98	0.09	13.0	-91.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

One broken thread tab, 2 missing bolts

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Onsite; E of property	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Fair,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-47			Date	5-5-21
Project Name/Location		Ford LTP		Weather	51.1 degrees F and Cloudy. The wind is blowing N at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.41	Total Depth (ft-bmp)	19.96	Water Column (ft.)	9.55	Gallons in Well	1.55
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.99				
Sample Time: Label	15:40	Volume Purged	1.53 gallons	Replicate/Code No.	DUP-03	Sampled by	Emma Witherspoon
Purge Start	14:49						
Purge End	15:46						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:50	0	125	10.67	0.00	7.47	16.65	35.70	2.00	13.6	63.7	Cloudy, Small Orange Particulates	No Odor
14:55	5	125	10.58	0.17	7.15	16.83	26.90	1.54	13.5	36.0	Cloudy, Small Orange Particulates	No Odor
15:00	5	125	10.60	0.34	7.13	16.83	20.10	1.05	13.7	21.3	Cloudy, Small Orange Particulates	No Odor
15:05	5	125	10.60	0.51	7.12	16.87	16.30	0.80	13.9	2.0	Cloudy, Small Orange Particulates	No Odor
15:10	5	125	10.60	0.68	7.13	16.86	13.30	0.73	13.9	-10.6	Clear	No Odor
15:15	5	125	10.60	0.85	7.12	16.80	11.90	0.46	13.5	-21.3	Clear	No Odor
15:20	5	125	10.60	1.02	7.12	16.78	9.19	0.42	13.8	-27.0	Clear	No Odor
15:25	5	125	10.60	1.19	7.13	16.73	8.07	0.44	14.2	-32.4	Clear	No Odor
15:30	5	125	10.60	1.36	7.13	16.74	7.64	0.41	14.5	-38.5	Clear	No Odor
15:35	5	125	10.60	1.53	7.13	16.69	7.75	0.32	14.3	-39.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

All threads broken off; no bolts

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite; E of property	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Fair,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-48			Date	5-5-21
Project Name/Location	Ford LTP			Weather	45.0 degrees F and Cloudy. The wind is blowing N/NW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.55	Total Depth (ft-bmp)	20.30	Water Column (ft.)	10.75	Gallons in Well	1.75
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.37				
Sample Time: Label	12:00	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	10:55						
Purge End	12:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:00	0	150	10.18	0.00	7.46	27.26	79.50	7.74	12.2	144.1	Cloudy, Small Brown Particulates	No Odor
11:05	5	150	10.20	0.20	7.39	27.21	75.50	7.05	12.3	135.6	Cloudy, Small Brown Particulates	No Odor
11:10	5	150	10.22	0.40	7.38	27.00	66.10	6.50	12.3	112.6	Cloudy, Small Brown Particulates	No Odor
11:15	5	150	10.22	0.60	7.38	26.93	43.20	5.49	12.1	100.2	Cloudy, Small Brown Particulates	No Odor
11:20	5	150	10.22	0.80	7.39	26.80	29.60	4.97	12.1	85.3	Clear, Small Brown Particulates	No Odor
11:25	5	150	10.22	1.00	7.39	26.50	45.20	4.70	12.2	73.2	Cloudy, Small Brown Particulates	No Odor
11:30	5	150	10.22	1.20	7.40	26.00	19.60	4.57	12.1	62.8	Clear, Small Brown Particulates	No Odor
11:35	5	150	10.22	1.40	7.41	25.35	14.10	4.28	12.1	53.6	Clear, Small Brown Particulates	No Odor
11:40	5	150	10.22	1.60	7.42	25.08	11.20	4.15	12.2	50.4	Clear, Small Brown Particulates	No Odor
11:45	5	150	10.22	1.80	7.42	24.50	15.10	3.97	12.2	43.0	Clear	No Odor
11:50	5	150	10.22	2.00	7.42	24.21	8.91	3.88	12.2	39.6	Clear	No Odor
11:55	5	150	10.22	2.20	7.42	23.86	6.89	3.70	12.3	35.4	Clear, Small Brown Particulates	No Odor
12:00	5	150	10.22	2.40	7.42	23.56	7.82	2.30	12.3	32.5	Clear, Small Brown Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

One broken off thread tab, three missing bolts

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	On-site; E of property	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Fair,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-50			Date	5-7-21
Project Name/Location	Ford LTP			Weather	48.0 degrees F and Partly Cloudy. The wind is blowing W at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.80	Total Depth (ft-bmp)	18.80	Water Column (ft.)	11.00	Gallons in Well	1.79
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.02				
Sample Time: Label	10:55	Volume Purged	1.83 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	10:15						
Purge End	11:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:16	0	200	8.29	0.00	7.34	1.81	52.20	2.17	13.2	-11.3	Clear, Small Black Particulates	No Odor
10:21	5	200	8.29	0.26	7.15	2.81	21.50	2.80	13.0	-30.7	Clear, Small Orange Particulates	No Odor
10:26	5	200	8.30	0.53	7.12	3.27	15.80	0.80	13.1	-29.9	Clear, Small Orange Particulates	No Odor
10:31	5	200	8.30	0.79	7.10	3.72	19.30	0.58	12.9	-29.0	Clear	No Odor
10:36	5	200	8.30	1.05	7.09	3.97	4.98	0.47	13.1	-28.0	Clear	No Odor
10:41	5	200	8.30	1.31	7.09	4.12	2.31	0.41	13.2	-27.8	Clear	No Odor
10:46	5	200	8.30	1.57	7.08	4.21	1.47	0.37	13.2	-24.8	Clear	No Odor
10:51	5	200	8.30	1.83	7.08	4.24	0.89	0.30	13.4	-25.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite North	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-52			Date	5-15-21
Project Name/Location		Ford LTP		Weather	60.0 degrees F and Partly Cloudy. The wind is blowing W at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.14	Total Depth (ft-bmp)	19.74	Water Column (ft.)	11.60	Gallons in Well	1.88
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.74				
Sample Time: Label	8:48	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by	Julia McClafferty
Purge Start	8:08						
Purge End	8:52						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:09	0	150	8.19	0.00	7.49	9.12	83.20	1.88	13.0	-40.0	Clear, Small Orange Particulates	No Odor
8:14	5	150	8.20	0.20	7.21	9.14	51.80	0.44	12.9	-96.7	Clear, Small Orange Particulates	No Odor
8:19	5	150	8.20	0.40	7.23	9.17	55.80	0.35	12.9	-103.3	Clear, Small Orange Particulates	No Odor
8:24	5	150	8.20	0.60	7.28	9.10	60.80	0.19	13.0	-101.3	Clear, Small Orange Particulates	No Odor
8:29	5	150	8.20	0.80	7.36	9.25	57.60	0.20	13.1	-106.2	Clear, Small Orange Particulates	No Odor
8:34	5	150	8.20	1.00	7.34	9.02	46.60	0.21	13.3	-103.7	Clear, Small Orange Particulates	No Odor
8:39	5	150	8.20	1.20	7.34	9.03	47.00	0.20	13.4	-107.7	Clear, Small Orange Particulates	No Odor
8:44	5	150	8.20	1.40	7.30	9.08	43.40	0.17	13.4	-108.6	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite; East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-53			Date	5-6-21
Project Name/Location	Ford LTP			Weather	51.1 degrees F and Mostly Cloudy. The wind is blowing S at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.79	Total Depth (ft-bmp)	20.64	Water Column (ft.)	12.85	Gallons in Well	2.09
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.75				
Sample Time: Label	10:55	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	10:19						
Purge End	11:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:21	0	200	8.17	0.00	7.37	6.14	10.30	1.10	11.9	-32.6	Clear, Small White Particulates	No Odor
10:26	5	200	8.24	0.26	7.36	6.16	8.21	0.42	11.9	-59.5	Clear, Small White Particulates	No Odor
10:31	5	200	8.26	0.52	7.37	6.13	6.46	0.25	11.8	-61.5	Clear, Small White Particulates	No Odor
10:36	5	200	8.26	0.78	7.38	6.03	3.23	0.28	11.8	-60.3	Clear	No Odor
10:41	5	200	8.26	1.04	7.39	5.96	2.78	0.30	11.7	-56.8	Clear	No Odor
10:46	5	200	8.26	1.30	7.39	5.91	1.71	0.32	11.8	-53.5	Clear	No Odor
10:51	5	200	8.26	1.56	7.39	5.93	0.78	0.29	11.8	-53.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite North	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-54			Date	5-6-21
Project Name/Location	Ford LTP			Weather	54.0 degrees F and Cloudy. The wind is blowing S/SE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.85	Total Depth (ft-bmp)	20.85	Water Column (ft.)	13.00	Gallons in Well	2.11
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.68				
Sample Time: Label	13:35	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	12:58						
Purge End	13:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:00	0	180	8.21	0.00	7.93	9.93	13.20	0.99	10.6	-140.3	Clear	No Odor
13:05	5	180	8.38	0.24	7.84	9.97	13.30	0.57	10.6	137.5	Clear	No Odor
13:10	5	180	8.32	0.48	7.58	9.93	8.10	0.26	10.6	-137.6	Clear	No Odor
13:15	5	180	8.28	0.72	7.50	9.90	5.29	0.24	10.6	-133.4	Clear	No Odor
13:20	5	180	8.21	0.96	7.49	9.88	2.87	0.25	10.6	-135.3	Clear	No Odor
13:25	5	180	8.21	1.20	7.50	9.93	1.32	0.22	10.5	-134.9	Clear	No Odor
13:30	5	180	8.21	1.44	7.50	9.92	0.85	0.19	10.6	-134.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-54S			Date	5-6-21
Project Name/Location		Ford LTP		Weather	53.1 degrees F and Mostly Cloudy. The wind is blowing S at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.02	Total Depth (ft-bmp)	9.25	Water Column (ft.)	2.23	Gallons in Well	0.36
		Pump Intake (ft-bmp)	8.52	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.97				
Sample Time: Label	13:45	Volume Purged	0.35 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	12:30						
Purge End	13:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:33	0	150	7.22	0.00	7.84	0.47	9.52	4.73	10.7	158.3	Clear	No Odor
12:38	5	140	8.10	0.20	7.67	0.44	17.80	4.95	10.0	154.1	Clear	No Odor
12:43	5	140	8.82	0.35	7.65	0.44	653.00	4.69	10.3	159.9	Brown, Turbid	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Well ran dry. Shut off pump, allow time to recharge, collect sample.

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-55			Date	5-21-21
Project Name/Location	Ford LTP			Weather	82.0 degrees F and Mostly Cloudy. The wind is blowing W/SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.78	Total Depth (ft-bmp)	19.53	Water Column (ft.)	10.75	Gallons in Well	1.75
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.69				
Sample Time: Label	12:20	Volume Purged	1.2 gallons	Replicate/Code No.	MW-55-MS_052121, MW-55-MSD_052121	Sampled by	Shantel Johnson
Purge Start	11:43						
Purge End	12:34						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:45	0	150	8.86	0.00	7.49	9.87	28.80	2.01	15.8	-35.3	Clear	No Odor
11:50	5	150	8.87	0.20	7.47	10.09	36.20	0.08	15.3	-89.9	Clear	No Odor
11:55	5	150	8.87	0.40	7.48	10.13	34.80	0.14	15.4	-91.2	Clear	No Odor
12:00	5	150	8.87	0.60	7.48	10.36	29.00	0.12	15.2	-92.5	Clear	No Odor
12:05	5	150	9.87	0.80	7.49	10.52	27.00	0.07	14.9	-92.6	Clear	No Odor
12:10	5	150	8.87	1.00	7.49	10.69	28.40	0.11	14.8	-92.3	Clear	No Odor
12:15	5	150	8.87	1.20	7.49	10.75	28.10	0.08	15.0	-92.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Onsite; North	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-55D			Date	5-21-21
Project Name/Location	Ford LTP			Weather	77.0 degrees F and Mostly Cloudy. The wind is blowing S/SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19-24	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.88	Total Depth (ft-bmp)	23.55	Water Column (ft.)	14.67	Gallons in Well	2.38
		Pump Intake (ft-bmp)	21.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.67				
Sample Time: Label	11:18	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	10:31						
Purge End	11:22						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:33	0	150	9.07	0.00	7.47	8.35	48.30	6.98	16.9	132.6	Cloudy	No Odor
10:38	5	150	9.11	0.20	7.33	8.87	40.70	0.24	15.3	-53.9	Clear	No Odor
10:43	5	150	9.12	0.40	7.34	8.86	36.10	0.16	15.2	-62.5	Clear	No Odor
10:48	5	150	9.12	0.60	7.36	8.84	42.40	0.12	15.2	-70.9	Clear	No Odor
10:53	5	150	9.12	0.80	7.37	8.78	22.20	0.09	15.3	-78.7	Clear	No Odor
10:58	5	150	9.12	1.00	7.37	8.82	26.80	0.08	15.0	-80.7	Clear	No Odor
11:03	5	150	9.12	1.20	7.38	8.90	29.70	0.05	14.8	-82.3	Clear	No Odor
11:08	5	150	9.12	1.40	7.38	8.94	30.10	0.05	14.9	-85.8	Clear	No Odor
11:13	5	150	9.12	1.60	7.39	8.98	28.60	0.06	15.1	-87.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite; North	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-57			Date	5-6-21
Project Name/Location	Ford LTP			Weather	46.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.49	Total Depth (ft-bmp)	21.71	Water Column (ft.)	14.22	Gallons in Well	2.31
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.82				
Sample Time: Label	9:55	Volume Purged	1.89 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	1:33						
Purge End	10:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:06	0	160	8.06	0.00	11.99	5.08	13.70	6.22	12.5	88.6	Clear	No Odor
9:11	5	160	8.61	0.21	11.71	5.42	16.90	5.20	12.3	76.8	Clear	No Odor
9:16	5	160	8.75	0.42	9.77	9.76	13.10	1.73	12.5	94.0	Clear	No Odor
9:21	5	160	8.70	0.63	8.28	12.04	6.71	0.66	12.4	-142.6	Clear	No Odor
9:26	5	160	8.70	0.84	8.29	11.94	6.25	0.53	12.5	-203.1	Clear	No Odor
9:31	5	160	8.65	1.05	7.75	12.55	2.37	0.46	12.5	-159.0	Clear	No Odor
9:36	5	160	8.70	1.26	7.78	12.49	3.19	0.36	12.5	-156.7	Clear	No Odor
9:41	5	160	8.70	1.47	7.59	12.36	2.45	0.32	12.7	-139.5	Clear	No Odor
9:46	5	160	8.70	1.68	7.55	12.40	0.89	0.27	12.7	-133.6	Clear	No Odor
9:51	5	160	8.70	1.89	7.55	12.30	0.26	0.30	12.7	-132.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Onsite North	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-62			Date	5-7-21
Project Name/Location	Ford LTP			Weather	45.0 degrees F and Haze. The wind is blowing N/NW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.04	Total Depth (ft-bmp)	21.15	Water Column (ft.)	12.11	Gallons in Well	1.97
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.85				
Sample Time: Label	9:35	Volume Purged	1.68 gallons	Replicate/Code No.	MW-62-MS_050721, MW-62-MSD_050721	Sampled by	Christina Weaver
Purge Start	9:00						
Purge End	9:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:02	0	210	9.12	0.00	7.27	6.14	7.05	3.18	13.1	-138.4	Clear	No Odor
9:07	5	210	9.10	0.28	7.23	6.20	4.71	2.78	13.7	-125.7	Clear	No Odor
9:12	5	210	9.10	0.56	7.22	6.18	1.74	2.44	13.5	-123.0	Clear	No Odor
9:17	5	210	9.10	0.84	7.22	6.14	1.49	2.49	13.9	-123.1	Clear	No Odor
9:22	5	210	9.10	1.12	7.22	6.11	3.61	2.24	14.0	-123.6	Clear	No Odor
9:27	5	210	9.10	1.40	7.22	6.10	3.77	2.31	14.0	-122.3	Clear	No Odor
9:32	5	210	9.10	1.68	7.22	6.06	3.68	2.18	13.9	-121.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-63			Date	5-5-21
Project Name/Location	Ford LTP			Weather	43.0 degrees F and Cloudy. The wind is blowing N/NW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.12	Total Depth (ft-bmp)	11.81	Water Column (ft.)	3.69	Gallons in Well	0.60
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.00				
Sample Time: Label	10:20	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	9:40						
Purge End	10:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:45	0	150	8.15	0.00	7.33	6.55	5.22	0.49	11.4	141.0	Clear, Small Black Particulates	No Odor
9:50	5	150	8.15	0.20	7.38	6.56	3.15	0.30	11.3	131.8	Clear, Small Black Particulates	No Odor
9:55	5	150	8.15	0.40	7.38	6.53	2.44	0.19	11.4	130.0	Clear, Small Black Particulates	No Odor
10:00	5	150	8.16	0.60	7.37	6.50	1.15	0.17	11.2	128.0	Clear, Small Black Particulates	No Odor
10:05	5	150	8.15	0.80	7.36	6.46	1.17	0.15	11.5	126.5	Clear, Small Black Particulates	No Odor
10:10	5	150	8.15	1.00	7.36	6.46	0.69	0.16	11.3	125.2	Clear	No Odor
10:15	5	150	8.15	1.20	7.35	6.45	0.19	0.16	11.5	120.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	On-site; E of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-64			Date	5-12-21
Project Name/Location		Ford LTP		Weather	45.0 degrees F and Mostly Clear. The wind is blowing N/NW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.10	Total Depth (ft-bmp)	20.02	Water Column (ft.)	10.92	Gallons in Well	1.77
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.88				
Sample Time:	Label 10:05	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
	Purge Start 9:03						
	Purge End 10:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:05	0	100	9.12	0.00	7.19	5.34	48.50	1.13	13.1	52.9	Clear, Small Orange Particulates	No Odor
9:10	5	100	9.12	0.13	7.16	5.32	35.60	0.61	13.0	45.7	Clear, Small Orange Particulates	No Odor
9:15	5	100	9.12	0.26	7.13	5.36	22.20	0.38	13.0	30.9	Clear, Small Orange Particulates	No Odor
9:20	5	100	9.12	0.39	7.13	5.35	16.50	0.23	13.1	20.3	Clear, Small Orange Particulates	No Odor
9:25	5	100	9.12	0.52	7.13	5.33	15.30	0.16	13.1	0.2	Clear, Small Orange Particulates	No Odor
9:30	5	100	9.12	0.65	7.13	5.31	14.10	0.14	13.1	1.0	Clear, Small Orange Particulates	No Odor
9:35	5	100	9.12	0.78	7.13	5.30	10.80	0.12	13.2	-5.3	Clear, Small Orange Particulates	Faint Odor
9:40	5	100	9.12	0.91	7.13	5.29	13.20	0.10	13.2	-11.5	Clear, Small Orange Particulates	No Odor
9:45	5	100	9.12	1.04	7.13	5.28	8.46	0.10	13.2	-14.7	Clear, Small Orange Particulates	No Odor
9:50	5	100	9.12	1.17	7.13	5.26	8.45	0.08	13.3	-19.2	Clear, Small Orange Particulates	No Odor
9:55	5	100	9.12	1.30	7.13	5.25	6.73	0.07	13.2	-22.4	Clear	No Odor
10:00	5	100	9.12	1.43	7.13	5.25	7.53	0.07	13.3	-24.2	Clear, Small Orange Particulates	No Odor
10:05	5	100	9.12	1.56	7.13	5.25	6.03	0.06	13.3	-25.6	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	On-site; E of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-67			Date	5-5-21
Project Name/Location	Ford LTP			Weather	46.0 degrees F and Cloudy. The wind is blowing N/NW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.95	Total Depth (ft-bmp)	14.00	Water Column (ft.)	4.05	Gallons in Well	0.66
		Pump Intake (ft-bmp)	11.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.32				
Sample Time: Label	14:15	Volume Purged	1.53 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:20						
Purge End	14:17						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:25	0	125	9.97	0.00	7.16	9.58	19.50	0.88	11.6	99.2	Clear, Small Orange Particulates	No Odor
13:30	5	125	9.97	0.17	7.12	9.69	11.90	0.52	11.7	85.6	Clear, Small Orange Particulates	No Odor
13:35	5	125	9.97	0.34	7.12	9.69	8.38	0.34	11.7	77.1	Clear, Small Orange Particulates	No Odor
13:40	5	125	9.97	0.51	7.12	9.69	5.65	1.34	11.8	74.5	Clear, Small Orange Particulates	No Odor
13:45	5	125	9.97	0.68	7.11	9.69	5.48	1.39	11.6	71.6	Clear	No Odor
13:50	5	125	9.97	0.85	7.11	9.69	4.03	1.34	11.7	69.0	Clear	No Odor
13:55	5	125	9.97	1.02	7.10	9.68	2.61	1.31	11.7	66.8	Clear	No Odor
14:00	5	125	9.97	1.19	7.10	9.68	3.31	1.17	11.8	64.1	Clear	No Odor
14:05	5	125	9.97	1.36	7.11	9.69	2.17	1.20	11.9	62.0	Clear	No Odor
14:10	5	125	9.97	1.53	7.11	9.69	3.99	1.20	11.9	60.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite; E of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-68			Date	5-5-21
Project Name/Location	Ford LTP			Weather	52.0 degrees F and Cloudy. The wind is blowing NW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.80	Total Depth (ft-bmp)	19.82	Water Column (ft.)	10.02	Gallons in Well	1.63
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.48				
Sample Time: Label	16:45	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	16:09						
Purge End	16:51						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:10	0	100	9.86	0.00	7.70	11.90	6.29	1.30	13.6	24.5	Clear, Small Orange Particulates	No Odor
16:15	5	100	9.86	0.13	7.72	11.55	5.00	0.51	13.5	22.4	Clear, Small Orange Particulates	No Odor
16:20	5	100	9.86	0.26	7.66	11.07	6.66	0.35	13.4	23.1	Clear, Small Black Particulates	No Odor
16:25	5	100	9.86	0.39	7.64	10.84	2.22	0.26	13.2	24.0	Clear, Small Black Particulates	No Odor
16:30	5	100	9.86	0.52	7.63	10.88	3.03	0.24	13.2	24.6	Clear, Small Orange Particulates	No Odor
16:35	5	100	9.86	0.65	7.63	10.84	1.17	0.23	13.2	24.9	Clear, Small Orange Particulates	No Odor
16:40	5	100	9.86	0.78	7.62	10.89	0.36	0.22	13.2	25.7	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

One broken thread tab; bolts missing

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	On site; E of Property	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Fair,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-69			Date	5-12-21
Project Name/Location		Ford LTP		Weather	54.0 degrees F and Clear. The wind is blowing at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.85	Total Depth (ft-bmp)	19.90	Water Column (ft.)	10.05	Gallons in Well	1.63
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.96				
Sample Time: Label	11:30	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	10:27						
Purge End	11:33						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	100	10.13	0.00	7.17	14.44	89.70	0.60	13.8	-109.8	Clear, Small Orange Particulates	Faint Odor
10:35	5	100	10.10	0.13	7.11	14.51	59.40	0.45	13.7	-105.2	Clear, Small Orange Particulates	No Odor
10:40	5	100	10.10	0.26	7.10	14.42	44.60	0.27	13.6	-103.2	Clear, Small Orange Particulates	No Odor
10:45	5	100	10.10	0.39	7.10	14.39	38.00	0.20	13.5	-102.5	Clear, Small Orange Particulates	No Odor
10:50	5	100	10.10	0.52	7.10	14.31	29.50	0.15	13.5	-102.2	Clear, Small Orange Particulates	No Odor
10:55	5	100	10.10	0.65	7.10	14.22	18.40	0.12	13.5	-101.8	Clear, Small Orange Particulates	No Odor
11:00	5	100	10.10	0.78	7.10	14.21	17.90	0.12	13.6	-101.7	Clear, Small Orange Particulates	No Odor
11:05	5	100	10.10	0.91	7.10	14.18	18.00	0.11	13.6	-101.2	Clear, Small Orange Particulates	No Odor
11:10	5	100	10.10	1.04	7.10	14.11	13.90	0.11	13.7	-101.3	Clear, Small Orange Particulates	No Odor
11:15	5	100	10.10	1.17	7.10	13.92	12.00	0.06	13.6	-101.0	Clear, Small Orange Particulates	No Odor
11:20	5	100	10.10	1.30	7.10	13.82	9.83	0.07	13.6	-100.9	Clear, Small Orange Particulates	No Odor
11:25	5	100	10.10	1.43	7.10	13.69	9.45	0.06	13.6	-100.9	Clear, Small Orange Particulates	No Odor
11:30	5	100	10.10	1.56	7.10	13.64	9.01	0.05	13.6	-101.0	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Both thread tabs broken off

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	On-site; E of property	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-70			Date	5-11-21
Project Name/Location	Ford LTP			Weather	50.0 degrees F and Mostly Cloudy. The wind is blowing NW at 17.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.80	Total Depth (ft-bmp)	20.11	Water Column (ft.)	8.31	Gallons in Well	1.35
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.16				
Sample Time: Label	15:00	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:50						
Purge End	15:02						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:55	0	100	11.89	0.00	7.73	7.78	64.80	2.28	13.8	-113.0	Small Orange Particulates, Yellow	No Odor
14:00	5	100	11.85	0.13	7.32	7.82	101.00	1.88	13.8	-102.5	Small Orange Particulates, Yellow	No Odor
14:05	5	100	11.85	0.26	7.20	7.77	82.10	1.46	13.9	-93.5	Small Orange Particulates, Yellow	No Odor
14:10	5	100	11.85	0.39	7.17	7.77	57.10	1.32	14.1	-93.3	Small Orange Particulates, Yellow	No Odor
14:15	5	100	11.85	0.52	7.14	7.79	39.50	1.54	14.0	-92.3	Clear, Small Orange Particulates	No Odor
14:20	5	100	11.85	0.65	7.09	7.76	30.60	1.52	14.0	-88.3	Clear, Small Orange Particulates	No Odor
14:25	5	100	11.85	0.78	7.07	7.74	25.20	1.66	14.0	-85.3	Clear, Small Orange Particulates	No Odor
14:30	5	100	11.85	0.91	7.05	7.74	22.80	1.77	13.7	-81.7	Clear, Small Orange Particulates	No Odor
14:35	5	100	11.85	1.04	7.03	7.74	22.70	0.74	13.6	-79.6	Clear, Small Orange Particulates	No Odor
14:40	5	100	11.85	1.17	7.00	7.75	20.10	1.07	14.0	-77.2	Clear, Small Orange Particulates	No Odor
14:45	5	100	11.85	1.30	6.99	7.75	18.20	0.64	13.7	-75.8	Clear, Small Orange Particulates	No Odor
14:50	5	100	11.85	1.43	6.97	7.75	15.30	0.94	13.8	-73.6	Clear, Small Orange Particulates	No Odor
14:55	5	100	11.85	1.56	6.96	7.75	11.30	1.01	14.0	-72.3	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

One broken thread tab

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	On-site; E of property	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-71			Date	5-11-21
Project Name/Location		Ford LTP		Weather	55.0 degrees F and Mostly Cloudy. The wind is blowing W/NW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	12.64	Total Depth (ft-bmp)	20.16	Water Column (ft.)	7.52	Gallons in Well	1.22
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.28				
Sample Time: Label	16:30	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	15:29						
Purge End	16:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:30	0	100	12.86	0.00	7.06	17.46	3.33	0.76	14.8	-50.6	Clear, Small Orange Particulates	Faint Odor
15:35	5	100	12.85	0.13	7.01	17.56	5.84	0.54	14.8	-70.0	Clear, Small Orange Particulates	Faint Odor
15:40	5	100	12.85	0.26	7.01	17.62	10.80	0.47	14.7	-78.6	Clear, Small Orange Particulates	Faint Odor
15:45	5	100	12.85	0.39	7.02	17.59	8.06	0.31	14.6	-82.8	Clear, Small Orange Particulates	Faint Odor
15:50	5	100	12.85	0.52	7.02	17.56	10.90	0.24	14.6	-84.4	Clear, Small Orange Particulates	Faint Odor
15:55	5	100	12.85	0.65	7.02	17.61	10.50	0.19	14.6	-85.8	Clear, Small Orange Particulates	Faint Odor
16:00	5	100	12.85	0.78	7.02	17.67	7.95	0.13	14.7	-87.2	Clear, Small Orange Particulates	Faint Odor
16:05	5	100	12.85	0.91	7.02	17.73	6.44	0.09	14.7	-88.3	Clear, Small Orange Particulates	Faint Odor
16:10	5	100	12.85	1.04	7.02	17.77	7.58	0.08	14.6	-88.7	Clear, Small Orange Particulates	Faint Odor
16:15	5	100	12.85	1.17	7.02	17.79	6.28	0.09	14.5	-89.5	Clear	Faint Odor
16:20	5	100	12.85	1.30	7.02	17.81	6.07	0.06	14.5	-90.3	Clear	Faint Odor
16:25	5	100	12.85	1.43	7.02	17.80	4.95	0.07	14.6	-90.8	Clear	Faint Odor
16:30	5	100	12.85	1.56	7.02	17.84	4.81	0.08	14.8	-91.0	Clear	Faint Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	On-site; S of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-122			Date	5-21-21
Project Name/Location		Ford LTP		Weather	66.9 degrees F and Cloudy. The wind is blowing S/SW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.59	Total Depth (ft-bmp)	21.00	Water Column (ft.)	11.41	Gallons in Well	1.85
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.76				
Sample Time: Label	9:55	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	9:14						
Purge End	9:59						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:16	0	150	9.64	0.00	7.24	6.68	25.70	0.41	14.9	-78.9	Clear	No Odor
9:21	5	150	9.66	0.20	7.27	6.82	21.80	0.27	14.5	-88.5	Clear	No Odor
9:26	5	150	9.66	0.40	7.27	6.98	14.30	0.22	14.3	-91.4	Clear	No Odor
9:31	5	150	9.66	0.60	7.28	7.21	8.42	0.15	14.0	-93.2	Clear	No Odor
9:36	5	150	9.66	0.80	7.28	7.34	6.67	0.12	14.3	-93.5	Clear	No Odor
9:41	5	150	9.66	1.00	7.28	7.65	6.36	0.08	14.0	-94.0	Clear	No Odor
9:46	5	150	9.67	1.20	7.29	7.64	5.89	0.05	14.0	-94.5	Clear	No Odor
9:51	5	150	9.67	1.40	7.29	7.68	5.77	0.04	13.9	-94.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite; East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-208S			Date	5-15-21
Project Name/Location		Ford LTP		Weather	63.0 degrees F and Partly Cloudy. The wind is blowing S at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.13	Total Depth (ft-bmp)	13.58	Water Column (ft.)	2.45	Gallons in Well	0.40
		Pump Intake (ft-bmp)	12.63	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.90				
Sample Time: Label	11:51	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:47						
Purge End	11:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	100	11.14	0.00	7.11	4.39	7.66	0.42	13.4	-20.8	Clear	No Odor
10:55	5	100	11.14	0.13	7.10	5.17	7.40	0.24	13.4	-18.1	Clear	No Odor
11:00	5	100	11.14	0.26	7.10	5.70	14.70	0.25	13.4	-18.3	Clear	No Odor
11:05	5	100	11.14	0.39	7.11	5.87	24.00	0.20	13.6	-20.3	Cloudy	No Odor
11:10	5	100	11.14	0.52	7.12	5.96	14.50	0.22	13.8	-23.1	Clear	No Odor
11:15	5	100	11.14	0.65	7.12	5.99	13.80	0.23	14.0	-24.3	Clear	No Odor
11:20	5	100	11.14	0.78	7.13	6.04	12.20	0.25	13.9	-26.4	Clear	No Odor
11:25	5	100	11.14	0.91	7.13	6.00	10.80	0.30	14.1	-28.2	Clear	No Odor
11:30	5	100	11.14	1.04	7.13	6.01	9.80	0.31	13.9	-29.5	Clear	No Odor
11:35	5	100	11.14	1.17	7.13	6.01	8.75	0.27	13.7	-30.9	Clear	No Odor
11:40	5	100	11.14	1.30	7.13	6.03	6.98	0.24	13.8	-32.3	Clear	No Odor
11:45	5	100	11.14	1.43	7.13	6.06	7.44	0.25	13.6	-32.8	Clear	No Odor
11:50	5	100	11.14	1.56	7.14	6.01	6.37	0.28	13.7	-33.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-209S			Date	5-15-21
Project Name/Location		Ford LTP		Weather	63.0 degrees F and Partly Cloudy. The wind is blowing S at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.37	Total Depth (ft-bmp)	12.71	Water Column (ft.)	2.34	Gallons in Well	0.38
		Pump Intake (ft-bmp)	11.87	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.16				
Sample Time: Label	10:32	Volume Purged	1.2 gallons	Replicate/Code No.	DUP-04	Sampled by	Shantel Johnson
Purge Start	9:55						
Purge End	10:38						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:58	0	150	10.40	0.00	7.18	11.53	49.00	0.42	14.2	-8.8	Clear	No Odor
10:03	5	150	10.41	0.20	7.18	11.50	14.40	0.26	14.1	-12.4	Clear	No Odor
10:08	5	150	10.41	0.40	7.16	11.21	9.13	0.17	14.3	-6.0	Clear	No Odor
10:13	5	150	10.41	0.60	7.16	11.14	5.69	0.13	14.2	-9.2	Clear	No Odor
10:18	5	150	10.41	0.80	7.17	11.07	5.79	0.17	14.0	-12.4	Clear	No Odor
10:23	5	150	10.41	1.00	7.17	11.11	5.50	0.17	14.0	-14.7	Clear	No Odor
10:28	5	150	10.41	1.20	7.17	11.11	5.63	0.48	14.0	-18.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-210S			Date	5-15-21
Project Name/Location		Ford LTP		Weather	69.1 degrees F and Partly Cloudy. The wind is blowing W at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.16	Total Depth (ft-bmp)	12.73	Water Column (ft.)	2.57	Gallons in Well	0.42
		Pump Intake (ft-bmp)	11.66	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.71				
Sample Time: Label	13:30	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	12:24						
Purge End	13:34						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:26	0	150	10.20	0.00	7.18	14.92	492.00	0.06	16.3	-49.3	Brown	No Odor
12:31	5	150	10.19	0.20	7.16	14.38	122.00	0.00	15.9	-60.9	Cloudy	No Odor
12:36	5	150	10.20	0.40	7.17	14.51	108.00	0.63	15.6	-64.5	Cloudy	No Odor
12:41	5	150	10.20	0.60	7.17	14.49	84.60	0.11	15.1	-66.7	Cloudy	No Odor
12:46	5	150	10.21	0.80	7.17	14.55	68.70	0.06	14.8	-67.4	Cloudy	No Odor
12:51	5	150	10.21	1.00	7.17	14.58	54.20	0.01	14.6	-66.8	Cloudy	No Odor
12:56	5	150	10.21	1.20	7.17	14.56	51.90	0.07	14.8	-67.5	Cloudy	No Odor
13:01	5	150	10.21	1.40	7.18	14.55	40.40	0.11	15.2	-69.6	Clear	No Odor
13:06	5	150	10.21	1.60	7.18	14.54	37.10	0.08	15.1	-71.0	Clear	No Odor
13:11	5	150	10.21	1.80	7.18	14.57	25.50	0.05	15.1	-71.3	Clear	No Odor
13:16	5	150	10.21	2.00	7.18	14.51	21.80	0.03	14.8	-69.1	Clear	No Odor
13:21	5	150	10.21	2.20	7.18	14.48	14.60	0.02	14.7	-72.3	Clear	No Odor
13:26	5	150	10.21	2.40	7.18	14.46	10.70	0.06	14.9	-72.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-211S			Date	5-15-21
Project Name/Location		Ford LTP		Weather	69.1 degrees F and Partly Cloudy. The wind is blowing W at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.62	Total Depth (ft-bmp)	11.82	Water Column (ft.)	3.20	Gallons in Well	0.52
		Pump Intake (ft-bmp)	10.12	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.19				
Sample Time: Label	12:27	Volume Purged	2.18 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	11:36						
Purge End	12:32						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:39	0	200	8.68	0.00	6.90	9.35	3.20	3.90	14.4	11.7	Clear	No Odor
11:44	5	180	8.66	0.26	6.98	10.52	2.09	0.77	14.3	11.2	Clear	No Odor
11:49	5	180	8.66	0.50	6.96	12.13	0.80	0.84	14.3	12.3	Clear	No Odor
11:54	5	180	8.67	0.74	6.98	13.65	0.02	0.91	14.0	17.4	Clear	No Odor
11:59	5	180	8.67	0.98	6.96	14.67	0.02	0.66	14.0	20.6	Clear	No Odor
12:04	5	180	8.67	1.22	6.94	15.36	0.02	0.45	14.0	22.8	Clear	No Odor
12:09	5	180	8.67	1.46	6.95	15.59	0.02	0.66	14.5	23.4	Clear	No Odor
12:14	5	180	8.67	1.70	6.95	15.91	0.02	1.09	14.1	22.8	Clear	No Odor
12:19	5	180	8.67	1.94	6.95	16.18	0.02	0.99	13.9	20.0	Clear	No Odor
12:24	5	180	8.67	2.18	6.94	16.31	0.02	1.01	14.1	20.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-212S			Date	5-15-21
Project Name/Location	Ford LTP			Weather	It is Partly Cloudy. The wind is blowing W at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-11.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.10	Total Depth (ft-bmp)	11.17	Water Column (ft.)	3.07	Gallons in Well	0.50
		Pump Intake (ft-bmp)	9.60	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.30				
Sample Time: Label	9:55	Volume Purged	2.65 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	8:53						
Purge End	10:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:55	0	190	8.13	0.00	6.74	11.79	4.76	1.14	13.7	50.2	Clear, Small White Particulates	No Odor
9:00	5	190	8.13	0.25	6.73	11.83	13.80	0.59	13.4	12.3	Clear, Small White Particulates	No Odor
9:05	5	190	8.13	0.50	6.73	11.78	6.49	0.45	13.5	7.6	Clear, Small White Particulates	No Odor
9:10	5	180	8.13	0.75	6.74	11.59	3.31	0.36	13.6	6.9	Clear	No Odor
9:15	5	180	8.13	0.99	6.75	11.44	0.72	0.28	13.7	6.9	Clear	No Odor
9:20	5	180	8.13	1.23	6.75	11.27	0.02	0.25	13.5	8.1	Clear	No Odor
9:25	5	180	8.13	1.47	6.76	11.09	0.02	0.24	13.7	9.3	Clear	No Odor
9:30	5	180	8.13	1.71	6.76	11.01	0.02	0.24	13.6	10.3	Clear	No Odor
9:35	5	180	8.13	1.95	6.77	10.93	0.02	0.21	13.7	10.4	Clear	No Odor
9:40	5	180	8.13	2.19	6.77	10.91	0.02	0.24	14.4	11.1	Clear	No Odor
9:45	5	180	8.13	2.41	6.77	10.86	0.02	0.20	14.2	10.3	Clear	No Odor
9:50	5	180	8.13	2.65	6.77	10.83	0.02	0.21	14.3	9.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-213S			Date	5-15-21
Project Name/Location		Ford LTP		Weather		48.0 degrees F.	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.82	Total Depth (ft-bmp)	10.83	Water Column (ft.)	3.01	Gallons in Well	0.49
		Pump Intake (ft-bmp)	9.32	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.94				
Sample Time:	Label 8:35	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
	Purge Start 8:00						
	Purge End 8:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:02	0	180	7.89	0.00	7.15	10.12	4.40	4.06	12.9	-43.5	Clear, Small White Particulates	No Odor
8:07	5	180	7.88	0.24	6.81	10.16	5.87	0.52	12.6	-83.1	Clear, Small White Particulates	No Odor
8:12	5	180	7.87	0.48	6.79	10.26	0.42	0.36	12.6	-89.7	Clear	No Odor
8:17	5	180	7.87	0.72	6.79	10.22	0.02	0.29	12.6	-92.9	Clear	No Odor
8:22	5	180	7.87	0.96	6.79	10.18	0.02	0.19	12.7	-97.6	Clear	No Odor
8:27	5	180	7.87	1.20	6.79	10.21	0.02	0.17	12.7	-98.8	Clear	No Odor
8:32	5	180	7.87	1.44	6.80	10.23	0.02	0.17	12.8	-100.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-218S			Date	5-19-21
Project Name/Location		Ford LTP		Weather	81.0 degrees F and Mostly Cloudy. The wind is blowing S/SE at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.36	Total Depth (ft-bmp)	13.16	Water Column (ft.)	1.80	Gallons in Well	0.29
		Pump Intake (ft-bmp)	12.86	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.52				
Sample Time: Label	15:22	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	14:35						
Purge End	15:26						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:38	0	150	11.39	0.00	7.12	4.29	722.00	2.04	13.9	-70.8	Cloudy	No Odor
14:43	5	150	11.41	0.20	7.22	4.10	60.60	0.25	13.0	-31.4	Clear	No Odor
14:48	5	150	11.41	0.40	7.23	3.82	13.10	0.19	12.7	-24.9	Clear	No Odor
14:53	5	150	11.41	0.60	7.22	3.65	6.29	0.18	12.5	-22.8	Clear	No Odor
14:58	5	150	11.41	0.80	7.22	3.49	4.56	0.19	12.8	-18.5	Clear	No Odor
15:03	5	150	11.41	1.00	7.22	3.41	2.22	0.18	12.9	-17.2	Clear	No Odor
15:08	5	150	11.41	1.20	7.22	3.33	3.06	0.19	12.8	-15.0	Clear	No Odor
15:13	5	150	11.41	1.40	7.22	3.26	3.04	0.16	12.8	-14.8	Clear	No Odor
15:18	5	150	11.41	1.60	7.22	3.25	1.48	0.13	12.8	-13.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite; South	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-219S			Date	5-20-21
Project Name/Location		Ford LTP		Weather	66.0 degrees F and Cloudy. The wind is blowing E/SE at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.44	Total Depth (ft-bmp)	11.26	Water Column (ft.)	2.82	Gallons in Well	0.46
		Pump Intake (ft-bmp)	9.94	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.91				
Sample Time: Label	9:35	Volume Purged	1.8 gallons	Replicate/Code No.	MW-219S-MS_052021, MW-219S-MSD_052021	Sampled by	Emma Witherspoon
Purge Start	8:40						
Purge End	9:48						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:45	0	150	8.48	0.00	7.11	0.20	64.80	2.88	13.8	209.3	Cloudy, Small Orange Particulates	No Odor
8:50	5	150	8.48	0.20	7.17	0.21	25.30	1.73	12.1	194.0	Clear, Small Orange Particulates	No Odor
8:55	5	150	8.48	0.40	7.18	0.21	16.50	1.41	12.3	190.7	Clear, Small Orange Particulates	No Odor
9:00	5	150	8.48	0.60	7.19	0.21	7.16	1.11	12.5	185.6	Clear, Small Orange Particulates	No Odor
9:05	5	150	8.48	0.80	7.20	0.22	5.45	1.00	12.0	177.9	Clear, Small Orange Particulates	No Odor
9:10	5	150	8.48	1.00	7.20	0.21	3.42	0.88	12.2	169.4	Clear, Small Orange Particulates	No Odor
9:15	5	150	8.48	1.20	7.20	0.22	3.95	0.81	11.4	162.8	Clear, Small Orange Particulates	No Odor
9:20	5	150	8.48	1.40	7.20	10.59	2.94	0.80	11.3	157.2	Clear	No Odor
9:25	5	150	8.48	1.60	7.20	10.47	1.97	0.74	11.4	152.6	Clear	No Odor
9:30	5	150	8.48	1.80	7.21	10.42	1.34	0.73	11.5	148.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	On-site; S of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	PW-16-01			Date	5-18-21
Project Name/Location	Ford LTP			Weather	69.1 degrees F and Mostly Clear. The wind is blowing at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.7-19.7	Casing Diameter (in.)	6	Well Material	PVC
Static Water Level (ft-bmp)	9.41	Total Depth (ft-bmp)	21.55	Water Column (ft.)	12.14	Gallons in Well	17.75
		Pump Intake (ft-bmp)	14.70	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.17				
Sample Time: Label	12:15	Volume Purged	3 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	11:10						
Purge End	12:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:12	0	190	9.49	0.00	6.93	5.56	67.60	4.47	14.7	-66.2	Clear, Small Orange Particulates	No Odor
11:17	5	190	9.50	0.25	6.92	5.53	33.10	3.85	14.5	-66.4	Clear	No Odor
11:22	5	190	9.51	0.50	6.92	5.54	17.70	3.43	14.7	-69.1	Clear, Small Orange Particulates	No Odor
11:27	5	190	9.51	0.75	6.92	5.53	15.10	3.58	15.1	-69.6	Clear, Small Orange Particulates	No Odor
11:32	5	190	9.51	1.00	6.92	5.54	11.60	3.34	15.3	-68.3	Clear, Small Orange Particulates	No Odor
11:37	5	190	9.51	1.25	6.92	5.54	12.40	2.96	15.0	-69.0	Clear, Small Orange Particulates	No Odor
11:42	5	190	9.51	1.50	6.93	5.53	10.60	2.71	15.2	-68.7	Clear	No Odor
11:47	5	190	9.51	1.75	6.93	5.53	10.40	2.66	15.1	-68.2	Clear, Small Orange Particulates	No Odor
11:52	5	190	9.51	2.00	6.93	5.54	7.97	2.50	15.1	-68.0	Clear, Small Orange Particulates	No Odor
11:57	5	190	9.51	2.25	6.93	5.55	6.08	2.35	15.2	-67.3	Clear, Small Orange Particulates	No Odor
12:02	5	190	9.51	2.50	6.93	5.53	8.51	2.52	15.5	-67.6	Clear	No Odor
12:07	5	190	9.51	2.75	6.93	5.55	5.74	2.14	14.9	-66.8	Clear	No Odor
12:12	5	190	9.51	3.00	6.93	5.53	4.85	1.98	14.8	-67.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Missing well lid. Will need to specially order this oversized well lid

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite; Central	Well Locked at Arrival:	n/a
Condition of Well:	Pad damaged,Poor,Vault broken	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	TW-16-01			Date	5-18-21
Project Name/Location		Ford LTP		Weather	72.0 degrees F and Partly Cloudy. The wind is blowing E/SE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.64	Total Depth (ft-bmp)	16.80	Water Column (ft.)	8.16	Gallons in Well	1.33
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.80				
Sample Time: Label	13:30	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	12:34						
Purge End	13:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:36	0	180	8.70	0.00	6.94	5.87	74.40	4.73	14.6	-91.1	Clear, Small Orange Particulates	No Odor
12:41	5	180	8.70	0.24	6.94	5.85	72.90	4.57	14.6	-100.9	Clear, Small Orange Particulates	No Odor
12:46	5	180	8.70	0.48	6.94	5.84	31.10	4.48	14.8	-103.8	Clear	No Odor
12:51	5	180	8.70	0.72	6.94	5.84	20.20	1.76	14.4	-104.0	Clear, Small Orange Particulates	No Odor
12:56	5	180	8.70	0.96	6.94	5.79	19.60	1.61	14.8	-104.3	Clear, Small Orange Particulates	No Odor
13:01	5	180	8.70	1.20	6.94	5.77	12.10	1.60	14.6	-104.1	Clear	No Odor
13:06	5	180	8.70	1.44	6.94	5.77	9.36	1.51	14.6	-103.5	Clear	No Odor
13:11	5	180	8.70	1.68	6.94	5.76	10.40	1.45	14.8	-103.1	Clear	No Odor
13:16	5	180	8.70	1.92	6.94	5.75	9.57	1.39	14.7	-102.0	Clear	No Odor
13:21	5	180	8.70	2.16	6.94	5.74	9.50	1.30	14.7	-101.3	Clear	No Odor
13:26	5	180	8.70	2.40	6.94	5.74	9.49	1.31	14.8	-101.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite; Central	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	TW-16-02			Date	5-17-21
Project Name/Location		Ford LTP		Weather	70.0 degrees F and Cloudy. The wind is blowing S/SE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.36	Total Depth (ft-bmp)	17.15	Water Column (ft.)	8.79	Gallons in Well	1.43
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.36				
Sample Time: Label	14:05	Volume Purged	1.94 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	13:15						
Purge End	14:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:17	0	180	8.51	0.00	7.04	5.65	36.00	2.25	16.1	-122.9	Clear, Small Orange Particulates	Faint Odor
13:22	5	180	8.45	0.24	7.00	5.46	39.50	0.28	14.4	138.6	Clear, Small Orange Particulates	No Odor
13:27	5	150	8.45	0.48	6.99	5.43	30.60	0.24	14.8	-135.2	Clear, Small Orange Particulates	No Odor
13:32	5	160	8.45	0.68	6.98	5.70	15.70	0.16	14.8	-132.4	Clear, Small Orange Particulates	No Odor
13:37	5	160	8.45	0.89	6.98	5.76	12.10	0.22	14.9	-132.9	Clear, Small Orange Particulates	No Odor
13:42	5	160	8.45	1.10	6.98	5.84	10.10	0.14	14.6	-134.4	Clear	No Odor
13:47	5	160	8.45	1.31	6.98	5.91	6.05	0.13	14.7	-134.6	Clear	No Odor
13:52	5	160	8.45	1.52	6.99	5.93	4.95	0.12	14.6	-134.9	Clear	No Odor
13:57	5	160	8.45	1.73	6.99	5.97	3.77	0.12	14.4	-134.3	Clear	No Odor
14:02	5	160	8.45	1.94	7.01	5.98	2.85	0.10	14.4	-135.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, Center	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-88S			Date	5-5-21
Project Name/Location		Ford LTP		Weather	46.9 degrees F and Cloudy. The wind is blowing NW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.58	Total Depth (ft-bmp)	12.88	Water Column (ft.)	5.30	Gallons in Well	0.86
		Pump Intake (ft-bmp)	9.08	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.21				
Sample Time: Label	14:36	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:52						
Purge End	14:43						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:55	0	100	7.60	0.00	7.81	0.49	0.87	0.26	10.7	-48.7	Clear	No Odor
14:00	5	100	7.60	0.13	7.78	0.47	1.09	0.23	10.8	-64.5	Clear	No Odor
14:05	5	100	7.60	0.26	7.78	0.47	0.66	0.22	10.7	-76.0	Clear	No Odor
14:10	5	100	7.60	0.39	7.75	0.45	0.51	0.23	10.7	-87.8	Clear	No Odor
14:15	5	100	7.60	0.52	7.75	0.44	0.67	0.26	10.6	-96.9	Clear	No Odor
14:20	5	100	7.60	0.65	7.74	0.42	0.78	0.25	10.6	-105.1	Clear	No Odor
14:25	5	100	7.60	0.78	7.75	0.41	0.90	0.24	10.7	-110.7	Clear	No Odor
14:30	5	100	7.60	0.91	7.75	0.41	1.07	0.20	10.6	-114.7	Clear	No Odor
14:35	5	100	7.60	1.04	7.74	0.41	0.97	0.20	10.7	-116.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
1" = 0.04	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	34965 Wadsworth; backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-89S			Date	5-7-21
Project Name/Location		Ford LTP		Weather	54.0 degrees F and Mostly Cloudy. The wind is blowing S/SW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.86	Total Depth (ft-bmp)	12.65	Water Column (ft.)	7.79	Gallons in Well	1.27
		Pump Intake (ft-bmp)	6.36	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.99				
Sample Time: Label	14:25	Volume Purged	2.53 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	13:29						
Purge End	14:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:30	0	175	4.87	0.00	7.00	0.57	6.67	2.29	10.5	72.5	Clear	No Odor
13:35	5	175	4.87	0.23	7.21	0.75	9.66	0.50	9.5	74.3	Clear	No Odor
13:40	5	175	4.87	0.46	7.18	2.91	4.08	0.22	9.6	93.9	Clear	No Odor
13:45	5	175	4.87	0.69	7.17	3.42	3.01	0.18	9.8	91.3	Clear	No Odor
13:50	5	175	4.87	0.92	7.17	3.57	1.64	0.14	9.5	85.0	Clear	No Odor
13:55	5	175	4.87	1.15	7.17	3.60	1.91	0.15	9.6	58.6	Clear	No Odor
14:00	5	175	4.87	1.38	7.16	3.77	1.62	0.12	9.5	18.0	Clear	No Odor
14:05	5	175	4.87	1.61	7.15	3.97	0.54	0.11	9.4	-12.8	Clear	No Odor
14:10	5	175	4.87	1.84	7.16	4.04	0.61	0.11	9.4	-24.9	Clear	No Odor
14:15	5	175	4.87	2.07	7.16	4.10	0.52	0.12	9.3	-31.4	Clear	No Odor
14:20	5	175	4.87	2.30	7.17	4.11	0.02	0.12	9.3	-36.1	Clear	No Odor
14:25	5	175	4.87	2.53	7.17	4.10	0.02	0.10	9.3	-37.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34940 Beacon, backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-90S			Date	5-20-21
Project Name/Location		Ford LTP		Weather	77.0 degrees F and Mostly Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.69	Total Depth (ft-bmp)	12.15	Water Column (ft.)	7.46	Gallons in Well	1.21
		Pump Intake (ft-bmp)	6.19	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.14				
Sample Time: Label	10:19	Volume Purged	1.38 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	9:42						
Purge End	10:24						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:45	0	175	5.00	0.00	6.89	1.11	1.57	3.22	12.0	62.9	Clear	No Odor
9:50	5	175	5.00	0.23	6.82	1.12	1.66	0.44	12.1	38.8	Clear	No Odor
9:55	5	175	5.49	0.46	6.85	1.13	0.02	0.31	12.1	22.8	Clear	No Odor
10:00	5	175	5.66	0.69	6.90	1.14	2.59	0.37	12.5	8.8	Clear	No Odor
10:05	5	175	5.74	0.92	6.87	1.14	0.19	0.34	12.2	9.9	Clear	No Odor
10:10	5	175	5.84	1.15	6.91	1.15	2.29	0.48	12.4	9.3	Clear	No Odor
10:15	5	175	5.97	1.38	6.89	1.14	0.02	0.46	12.5	8.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34380 Capitol, side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-91S			Date	5-14-21
Project Name/Location	Ford LTP			Weather	54 degrees F. It is sunny and Clear. The wind is blowing west at 6 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.70	Total Depth (ft-bmp)	11.98	Water Column (ft.)	6.28	Gallons in Well	1.02
		Pump Intake (ft-bmp)	7.20	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.00				
Sample Time: Label	9:45	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	8:43						
Purge End	9:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:45	0	125	5.73	0.00	7.18	0.70	1.36	2.58	10.4	154.6	Clear	No Odor
8:50	5	125	5.72	0.17	7.21	0.74	1.76	0.88	10.2	147.2	Clear	No Odor
8:55	5	125	5.72	0.34	7.21	0.81	2.00	0.62	10.2	143.1	Clear	No Odor
9:00	5	125	5.72	0.51	7.20	0.93	0.78	0.32	10.1	139.5	Clear	No Odor
9:05	5	125	5.72	0.68	7.21	1.00	0.67	0.24	10.1	120.9	Clear	No Odor
9:10	5	125	5.72	0.85	7.22	1.07	1.32	0.21	10.1	83.4	Clear	No Odor
9:15	5	125	5.72	1.02	7.23	1.13	1.08	0.18	10.1	50.3	Clear	No Odor
9:20	5	125	5.72	1.19	7.23	1.17	2.39	0.16	10.1	25.6	Clear	No Odor
9:25	5	125	5.72	1.36	7.24	1.21	0.14	0.16	10.1	-2.8	Clear	No Odor
9:30	5	125	5.72	1.53	7.25	1.24	1.44	0.14	10.1	-28.5	Clear	No Odor
9:35	5	125	5.72	1.70	7.26	1.26	0.36	0.11	10.0	-40.9	Clear	No Odor
9:40	5	125	5.72	1.87	7.26	1.27	0.77	0.09	10.0	-49.2	Clear	No Odor
9:45	5	125	5.72	2.04	7.27	1.28	0.48	0.08	10.0	-53.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12034 Brewster; Front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-92S			Date	5-17-21
Project Name/Location		Ford LTP		Weather	72.0 degrees F and Cloudy. The wind is blowing S/SE at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.88	Total Depth (ft-bmp)	12.09	Water Column (ft.)	6.21	Gallons in Well	1.01
		Pump Intake (ft-bmp)	7.38	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.73				
Sample Time: Label	15:30	Volume Purged	2.76 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	14:29						
Purge End	15:34						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:30	0	175	5.90	0.00	7.53	0.67	2.64	2.32	13.6	136.7	Clear	No Odor
14:35	5	175	5.90	0.23	7.48	0.67	2.44	1.38	13.6	110.8	Clear	No Odor
14:40	5	175	5.90	0.46	7.46	0.68	0.45	0.88	13.6	91.3	Clear	No Odor
14:45	5	175	5.90	0.69	7.45	0.68	2.31	0.78	13.5	78.7	Clear	No Odor
14:50	5	175	5.90	0.92	7.43	0.70	1.53	0.74	13.4	71.6	Clear	No Odor
14:55	5	175	5.90	1.15	7.40	0.72	1.01	0.68	13.5	64.6	Clear	No Odor
15:00	5	175	5.90	1.38	7.40	0.86	1.78	0.68	13.3	41.2	Clear	No Odor
15:05	5	175	5.90	1.61	7.39	0.90	1.39	0.65	13.1	20.1	Clear	No Odor
15:10	5	175	5.90	1.84	7.39	0.93	4.18	0.66	13.2	-5.0	Clear	No Odor
15:15	5	175	5.90	2.07	7.39	0.94	1.51	0.65	13.3	-13.8	Clear	No Odor
15:20	5	175	5.90	2.30	7.40	0.96	1.63	0.57	13.5	-23.6	Clear	No Odor
15:25	5	175	5.90	2.53	7.39	0.96	0.08	0.64	13.5	-24.5	Clear	No Odor
15:30	5	175	5.90	2.76	7.39	0.96	0.49	0.72	13.5	-25.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12036 Brewster; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-93S			Date	5-12-21
Project Name/Location		Ford LTP		Weather	62.1 degrees F and Mostly Cloudy. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.28	Total Depth (ft-bmp)	12.05	Water Column (ft.)	5.77	Gallons in Well	0.94
		Pump Intake (ft-bmp)	7.78	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.97				
Sample Time: Label	15:21	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:42						
Purge End	15:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:45	0	100	6.28	0.00	7.58	0.77	0.13	0.53	11.0	27.8	Clear	No Odor
14:50	5	100	6.28	0.13	7.58	0.82	1.30	0.43	10.9	8.5	Clear	No Odor
14:55	5	100	6.28	0.26	7.58	0.84	1.47	0.37	10.7	-13.4	Clear	No Odor
15:00	5	100	6.28	0.39	7.57	0.85	1.56	0.40	10.9	-32.3	Clear	No Odor
15:05	5	100	6.28	0.52	7.59	0.85	1.37	0.36	10.7	-45.1	Clear	No Odor
15:10	5	100	6.28	0.65	7.59	0.84	1.01	0.35	10.7	-53.4	Clear	No Odor
15:15	5	100	6.28	0.78	7.60	0.84	1.08	0.33	10.9	-59.1	Clear	No Odor
15:20	5	100	6.28	0.91	7.59	0.84	0.76	0.33	10.8	-62.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	11775 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-94S			Date	5-12-21
Project Name/Location		Ford LTP		Weather	45.0 degrees F and Mostly Clear. The wind is blowing N/NW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.60	Total Depth (ft-bmp)	12.23	Water Column (ft.)	5.63	Gallons in Well	0.91
		Pump Intake (ft-bmp)	8.10	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.29				
Sample Time: Label	10:16	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:27						
Purge End	10:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:30	0	100	6.60	0.00	7.20	0.68	3.27	0.61	10.5	172.0	Clear	No Odor
9:35	5	100	6.60	0.13	7.29	0.70	2.61	0.56	10.5	166.2	Clear	No Odor
9:40	5	100	6.60	0.26	7.30	0.71	0.86	0.57	10.5	165.1	Clear	No Odor
9:45	5	100	6.60	0.39	7.33	0.74	1.10	0.54	10.5	163.4	Clear	No Odor
9:50	5	100	6.60	0.52	7.35	0.76	0.73	0.47	10.5	162.2	Clear	No Odor
9:55	5	100	6.60	0.65	7.37	0.78	0.67	0.44	10.5	161.3	Clear	No Odor
10:00	5	100	6.60	0.78	7.38	0.81	0.38	0.42	10.5	160.7	Clear	No Odor
10:05	5	100	6.60	0.91	7.39	0.83	0.95	0.41	10.5	159.7	Clear	No Odor
10:10	5	100	6.60	1.04	7.40	0.84	0.30	0.39	10.6	158.4	Clear	No Odor
10:15	5	100	6.60	1.17	7.41	0.84	0.46	0.38	10.7	157.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	11680 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-95S			Date	5-17-21
Project Name/Location		Ford LTP		Weather	55.0 degrees F and Mostly Cloudy. The wind is SE at 5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.64	Total Depth (ft-bmp)	12.00	Water Column (ft.)	7.36	Gallons in Well	1.20
		Pump Intake (ft-bmp)	6.14	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.00				
Sample Time: Label	10:11	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	9:08						
Purge End	10:14						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:09	0	150	4.66	0.00	5.53	0.58	0.02	10.80	10.3	210.7	Clear	No Odor
9:14	5	150	4.69	0.20	5.60	0.89	0.02	7.37	9.5	215.8	Clear	No Odor
9:19	5	150	4.69	0.40	5.91	0.95	0.02	6.27	9.4	205.6	Clear	No Odor
9:24	5	150	4.69	0.60	6.07	0.99	0.02	5.55	9.3	202.5	Clear	No Odor
9:29	5	150	4.69	0.80	6.25	1.25	0.02	4.04	9.3	205.7	Clear	No Odor
9:34	5	150	4.69	1.00	6.43	1.67	0.02	2.88	9.3	205.7	Clear	No Odor
9:39	5	150	4.69	1.20	6.53	1.97	0.02	2.42	9.3	203.2	Clear	No Odor
9:44	5	150	4.69	1.40	6.58	2.11	0.02	2.20	9.3	198.0	Clear	No Odor
9:49	5	150	4.69	1.60	6.62	2.26	0.02	1.94	9.3	186.2	Clear	No Odor
9:54	5	150	4.69	1.80	6.65	2.38	0.02	1.73	9.3	166.2	Clear	No Odor
9:59	5	150	4.69	2.00	6.68	2.45	0.02	1.62	9.3	142.2	Clear	No Odor
10:04	5	150	4.69	2.20	6.70	2.53	0.02	1.51	9.3	120.7	Clear	No Odor
10:09	5	150	4.69	2.40	6.72	2.57	0.02	1.42	9.3	103.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12131 Boston Post; backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-103S			Date	5-20-21
Project Name/Location		Ford LTP		Weather	66.0 degrees F and Cloudy. The wind is blowing E/SE at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.89	Total Depth (ft-bmp)	6.71	Water Column (ft.)	2.82	Gallons in Well	0.46
		Pump Intake (ft-bmp)	5.39	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.00				
Sample Time: Label	9:25	Volume Purged	1.38 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	8:54						
Purge End	9:29						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:55	0	175	3.92	0.00	6.95	1.04	7.37	0.51	11.8	33.1	Clear	No Odor
9:00	5	175	3.92	0.23	6.73	1.05	22.90	0.14	11.7	-44.5	Clear	No Odor
9:05	5	175	3.92	0.46	6.98	1.06	7.48	0.22	11.6	-32.1	Clear	No Odor
9:10	5	175	3.92	0.69	7.03	1.06	8.08	0.29	11.7	-31.4	Clear	No Odor
9:15	5	175	3.92	0.92	7.03	1.06	3.83	0.27	11.6	-36.9	Clear	No Odor
9:20	5	175	3.92	1.15	7.05	1.08	1.09	0.21	11.6	-41.0	Clear	No Odor
9:25	5	175	3.92	1.38	7.06	1.07	0.20	0.20	11.5	-43.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34424 Capitol, back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-104S			Date	5-4-21
Project Name/Location		Ford LTP		Weather	61.0 degrees F and Cloudy. The wind is blowing W at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.05	Total Depth (ft-bmp)	14.19	Water Column (ft.)	3.14	Gallons in Well	0.51
		Pump Intake (ft-bmp)	12.55	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.88				
Sample Time: Label	13:41	Volume Purged	0.96 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:07						
Purge End	13:51						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:10	0	120	11.10	0.00	7.99	0.22	7.11	6.99	10.4	136.2	Clear	No Odor
13:15	5	120	11.10	0.16	8.02	0.22	2.92	7.05	10.3	135.2	Clear	No Odor
13:20	5	120	11.10	0.32	8.02	0.22	3.53	6.76	10.2	135.0	Clear	No Odor
13:25	5	120	11.10	0.48	8.02	0.22	3.06	6.63	10.3	135.5	Clear	No Odor
13:30	5	120	11.10	0.64	8.02	0.22	2.22	6.77	10.3	136.1	Clear	No Odor
13:35	5	120	11.10	0.80	8.00	0.22	1.61	6.70	10.3	136.7	Clear	No Odor
13:40	5	120	11.10	0.96	7.99	0.22	1.69	6.73	10.4	137.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34900 Standish	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-109S			Date	5-4-21
Project Name/Location		Ford LTP		Weather	61.0 degrees F and Cloudy. The wind is blowing W at 16.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.83	Total Depth (ft-bmp)	12.33	Water Column (ft.)	5.50	Gallons in Well	0.89
		Pump Intake (ft-bmp)	8.33	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.10				
Sample Time: Label	11:40	Volume Purged	2.76 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	10:39						
Purge End	11:43						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	175	6.84	0.00	7.86	0.40	1.05	3.71	11.8	35.7	Clear	No Odor
10:45	5	175	6.84	0.23	7.90	0.61	0.65	2.43	11.6	41.6	Clear	No Odor
10:50	5	175	6.84	0.46	7.87	0.75	0.16	1.19	11.5	38.8	Clear	No Odor
10:55	5	175	6.84	0.69	7.90	0.81	0.47	0.94	11.5	34.5	Clear	No Odor
11:00	5	175	6.84	0.92	7.90	0.86	0.24	0.90	11.5	32.7	Clear	No Odor
11:05	5	175	6.84	1.15	7.85	0.92	0.34	0.92	11.5	32.8	Clear	No Odor
11:10	5	175	6.84	1.38	7.80	0.97	4.70	0.86	11.6	-31.2	Clear	No Odor
11:15	5	175	6.84	1.61	7.66	1.16	4.28	0.74	11.4	-111.6	Clear	No Odor
11:20	5	175	6.84	1.84	7.66	1.23	4.31	1.06	11.5	-105.4	Clear	No Odor
11:25	5	175	6.84	2.07	7.66	1.23	4.21	1.03	11.7	-95.5	Clear	No Odor
11:30	5	175	6.84	2.30	7.62	1.37	4.29	0.65	11.8	-105.6	Clear	No Odor
11:35	5	175	6.84	2.53	7.62	1.23	4.21	0.93	11.8	-111.5	Clear	No Odor
11:40	5	175	6.84	2.76	7.63	1.17	4.32	1.06	11.7	-112.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34990 Beacon, side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-110S			Date	5-4-21
Project Name/Location		Ford LTP		Weather	63.0 degrees F and Mostly Cloudy. The wind is blowing W at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.38	Total Depth (ft-bmp)	12.65	Water Column (ft.)	3.27	Gallons in Well	0.53
		Pump Intake (ft-bmp)	10.88	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.81				
Sample Time: Label	14:46	Volume Purged	0.96 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:12						
Purge End	14:58						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:15	0	120	9.43	0.00	7.87	0.30	0.02	8.12	10.9	150.2	Clear	No Odor
14:20	5	120	9.42	0.16	7.87	0.30	0.02	8.26	10.7	149.8	Clear	No Odor
14:25	5	120	9.42	0.32	7.89	0.30	0.10	8.30	10.6	149.4	Clear	No Odor
14:30	5	120	9.42	0.48	7.90	0.30	0.03	8.29	10.6	149.7	Clear	No Odor
14:35	5	120	9.42	0.64	7.89	0.30	0.02	8.26	10.5	150.7	Clear	No Odor
14:40	5	120	9.42	0.80	7.89	0.30	0.02	8.20	10.5	151.6	Clear	No Odor
14:45	5	120	9.42	0.96	7.89	0.30	0.02	8.70	10.5	152.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34850 Standish	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-111S			Date	5-10-21
Project Name/Location	Ford LTP			Weather	51.1 degrees F and Cloudy. The wind is blowing W/NW at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.76	Total Depth (ft-bmp)	12.68	Water Column (ft.)	3.92	Gallons in Well	0.64
		Pump Intake (ft-bmp)	10.26	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.14				
Sample Time: Label	13:56	Volume Purged	1.37 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	13:13						
Purge End	14:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:14	0	140	8.78	0.00	7.26	0.72	0.02	1.99	11.7	167.3	Clear	No Odor
13:19	5	125	8.78	0.18	6.95	0.62	0.02	0.42	11.9	182.3	Clear	No Odor
13:24	5	125	8.78	0.35	7.11	0.56	0.02	1.22	11.9	174.3	Clear	No Odor
13:29	5	125	8.79	0.52	7.18	0.52	0.02	1.91	12.0	165.8	Clear	No Odor
13:34	5	125	8.79	0.69	7.21	0.48	0.02	2.39	11.7	154.0	Clear	No Odor
13:39	5	125	8.79	0.86	7.21	0.47	0.02	2.55	11.5	151.8	Clear	No Odor
13:44	5	125	8.79	1.03	7.19	0.46	0.02	2.75	11.2	152.6	Clear	No Odor
13:49	5	125	8.79	1.20	7.16	0.45	0.02	2.80	11.1	153.3	Clear	No Odor
13:54	5	125	8.79	1.37	7.21	0.46	0.02	2.93	11.3	151.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12051 Stark; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-112S			Date	5-7-21
Project Name/Location		Ford LTP		Weather	48.0 degrees F and Partly Cloudy. The wind is blowing W at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.91	Total Depth (ft-bmp)	11.69	Water Column (ft.)	3.78	Gallons in Well	0.61
		Pump Intake (ft-bmp)	9.41	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.46				
Sample Time: Label	12:01	Volume Purged	1.5 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:08						
Purge End	12:07						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	110	7.93	0.00	7.15	0.32	2.23	2.31	11.5	100.9	Clear	No Odor
11:15	5	110	7.93	0.15	7.13	0.34	1.56	2.42	11.5	103.7	Clear	No Odor
11:20	5	110	7.95	0.30	7.18	0.36	1.49	2.45	11.6	105.1	Clear	No Odor
11:25	5	110	7.95	0.45	7.24	0.37	1.51	2.47	11.7	105.6	Clear	No Odor
11:30	5	110	7.95	0.60	7.27	0.38	1.35	2.56	11.6	106.6	Clear	No Odor
11:35	5	110	7.95	0.75	7.30	0.39	1.49	2.55	11.7	107.4	Clear	No Odor
11:40	5	110	7.95	0.90	7.33	0.39	0.83	2.88	11.6	108.4	Clear	No Odor
11:45	5	110	7.95	1.05	7.36	0.40	0.95	2.65	11.7	109.4	Clear	No Odor
11:50	5	110	7.95	1.20	7.36	0.40	1.50	2.29	11.5	109.6	Clear	No Odor
11:55	5	110	7.98	1.35	7.37	0.40	1.95	2.29	11.3	109.3	Clear	No Odor
12:00	5	110	8.00	1.50	7.38	0.40	1.58	2.23	11.3	108.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34935 Wadsworth; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-115S			Date	5-17-21
Project Name/Location	Ford LTP			Weather	62.1 degrees F and Cloudy. The wind is blowing S at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.55	Total Depth (ft-bmp)	12.51	Water Column (ft.)	6.96	Gallons in Well	1.13
		Pump Intake (ft-bmp)	7.05	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.15				
Sample Time: Label	12:21	Volume Purged	1.3 gallons	Replicate/Code No.	DUP-10	Sampled by	Gary Schafer
Purge Start	11:27						
Purge End	12:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:30	0	100	5.55	0.00	7.15	2.00	5.79	1.20	11.4	46.4	Clear	No Odor
11:35	5	100	5.55	0.13	7.12	2.38	4.62	0.38	11.5	45.3	Clear	No Odor
11:40	5	100	5.56	0.26	7.13	2.59	3.82	0.31	11.6	39.5	Clear	No Odor
11:45	5	100	5.57	0.39	7.12	2.76	5.31	0.29	11.7	25.4	Clear	No Odor
11:50	5	100	5.57	0.52	7.12	2.86	5.67	0.27	11.6	11.3	Clear	No Odor
11:55	5	100	5.57	0.65	7.12	2.92	4.76	0.26	11.8	-1.6	Clear	No Odor
12:00	5	100	5.57	0.78	7.12	2.99	4.40	0.23	11.6	-11.0	Clear	No Odor
12:05	5	100	5.57	0.91	7.12	3.01	4.14	0.29	11.8	-19.2	Clear	No Odor
12:10	5	100	5.57	1.04	7.13	3.01	3.03	0.28	11.9	-25.3	Clear	No Odor
12:15	5	100	5.57	1.17	7.13	3.02	2.51	0.28	11.8	-30.0	Clear	No Odor
12:20	5	100	5.57	1.30	7.13	3.05	2.28	0.27	11.8	-33.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12070 Boston Post; Front Yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-116S			Date	5-10-21
Project Name/Location	Ford LTP			Weather	45.0 degrees F and Mostly Clear. The wind is blowing N at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.00	Total Depth (ft-bmp)	12.79	Water Column (ft.)	3.79	Gallons in Well	0.62
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.10				
Sample Time: Label	10:41	Volume Purged	1.92 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:38						
Purge End	10:48						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:40	0	120	9.00	0.00	7.12	0.22	9.25	5.43	9.8	125.8	Clear	No Odor
9:45	5	120	9.01	0.16	7.49	0.22	8.98	4.74	9.8	115.1	Clear	No Odor
9:50	5	120	9.01	0.32	7.66	0.21	9.49	4.45	9.8	111.8	Clear	No Odor
9:55	5	120	9.01	0.48	7.72	0.21	8.49	4.27	9.8	112.4	Clear	No Odor
10:00	5	120	9.01	0.64	7.75	0.22	10.70	3.98	9.8	114.7	Clear	No Odor
10:05	5	120	9.01	0.80	7.78	0.22	12.80	3.37	9.9	117.6	Clear	No Odor
10:10	5	120	9.01	0.96	7.79	0.23	8.65	3.17	9.8	120.5	Clear	No Odor
10:15	5	120	9.01	1.12	7.81	0.24	13.50	2.67	9.9	124.7	Clear	No Odor
10:20	5	120	9.01	1.28	7.83	0.25	10.90	2.51	9.9	125.6	Clear	No Odor
10:25	5	120	9.01	1.44	7.83	0.25	10.70	2.27	10.0	127.2	Clear	No Odor
10:30	5	120	9.01	1.60	7.85	0.26	8.91	1.94	10.0	128.3	Clear	No Odor
10:35	5	120	9.01	1.76	7.86	0.27	7.86	1.90	10.1	129.6	Clear	No Odor
10:40	5	120	9.01	1.92	7.84	0.30	7.72	1.97	10.0	130.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34851 Wadsworth; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-117S			Date	5-17-21
Project Name/Location		Ford LTP		Weather	62.1 degrees F and Cloudy. The wind is blowing S at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.45	Total Depth (ft-bmp)	12.40	Water Column (ft.)	4.95	Gallons in Well	0.80
		Pump Intake (ft-bmp)	8.95	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.63				
Sample Time: Label	11:40	Volume Purged	2.1 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:38						
Purge End	11:44						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:39	0	140	7.47	0.00	6.48	0.31	0.02	6.58	11.6	104.6	Clear	No Odor
10:44	5	135	7.47	0.18	6.69	0.33	0.02	2.76	11.2	107.4	Clear	No Odor
10:49	5	150	7.47	0.36	6.63	0.85	0.02	1.24	10.8	127.3	Clear	No Odor
10:54	5	135	7.46	0.56	6.67	1.27	0.02	0.60	11.1	114.1	Clear	No Odor
10:59	5	130	7.46	0.74	6.84	1.29	0.02	0.58	11.2	87.2	Clear	No Odor
11:04	5	130	7.46	0.91	6.93	1.33	0.02	0.52	11.3	64.2	Clear	No Odor
11:09	5	130	7.46	1.08	6.99	1.37	0.02	0.48	11.1	45.3	Clear	No Odor
11:14	5	130	7.46	1.25	7.02	1.39	0.02	0.44	11.2	31.0	Clear	No Odor
11:19	5	130	7.46	1.42	7.03	1.40	0.02	0.45	11.2	17.7	Clear	No Odor
11:24	5	130	7.46	1.59	7.05	1.41	0.02	0.42	11.1	10.4	Clear	No Odor
11:29	5	130	7.46	1.76	7.06	1.42	0.02	0.41	11.0	2.9	Clear	No Odor
11:34	5	130	7.46	1.93	7.06	1.44	0.02	0.39	11.0	-2.4	Clear	No Odor
11:39	5	130	7.46	2.10	7.06	1.44	0.02	0.38	11.0	-5.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12089 Boston Post; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-118S			Date	5-17-21
Project Name/Location	Ford LTP			Weather	57.9 degrees F and Mostly Cloudy. The wind is blowing SE at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.22	Total Depth (ft-bmp)	12.40	Water Column (ft.)	6.18	Gallons in Well	1.00
		Pump Intake (ft-bmp)	7.72	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.56				
Sample Time: Label	10:51	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:48						
Purge End	10:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:50	0	100	6.22	0.00	6.66	0.65	8.89	1.79	11.6	169.7	Clear	No Odor
9:55	5	100	6.23	0.13	6.86	0.69	9.47	1.44	11.4	151.6	Clear	No Odor
10:00	5	100	6.23	0.26	6.92	1.01	20.40	0.70	11.3	121.7	Turbid	No Odor
10:05	5	100	6.23	0.39	6.84	1.49	29.90	0.35	11.4	81.7	Turbid	No Odor
10:10	5	100	6.23	0.52	6.86	1.66	39.10	0.29	11.4	55.6	Turbid	No Odor
10:15	5	100	6.23	0.65	6.90	1.74	28.10	0.24	11.4	38.9	Turbid	No Odor
10:20	5	100	6.23	0.78	6.94	1.81	17.80	0.23	11.4	29.3	Clear	No Odor
10:25	5	100	6.23	0.91	6.97	1.88	8.37	0.22	11.5	13.1	Clear	No Odor
10:30	5	100	6.23	1.04	6.99	1.96	6.99	0.21	11.5	-3.7	Clear	No Odor
10:35	5	100	6.23	1.17	7.01	2.02	5.30	0.21	11.6	-17.3	Clear	No Odor
10:40	5	100	6.23	1.30	7.02	2.08	4.22	0.21	11.5	-27.2	Clear	No Odor
10:45	5	100	6.23	1.43	7.03	2.13	2.73	0.21	11.6	-34.7	Clear	No Odor
10:50	5	100	6.23	1.56	7.12	2.16	2.64	0.21	11.7	-40.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12124 Boston Post; North Front Yard next to corner of house	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-119S			Date	5-18-21
Project Name/Location		Ford LTP		Weather	75.0 degrees F and Mostly Cloudy. The wind is blowing S/SE at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.67	Total Depth (ft-bmp)	12.32	Water Column (ft.)	6.65	Gallons in Well	1.08
		Pump Intake (ft-bmp)	7.17	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.44				
Sample Time: Label	11:36	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:33						
Purge End	11:45						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:35	0	100	5.68	0.00	7.22	0.93	0.26	0.60	12.1	127.8	Clear	No Odor
10:40	5	100	5.68	0.13	7.26	0.90	1.32	0.48	12.3	101.7	Clear	No Odor
10:45	5	100	5.68	0.26	7.28	0.90	0.88	0.45	12.2	91.9	Clear	No Odor
10:50	5	100	5.68	0.39	7.30	0.95	0.98	0.44	12.5	88.0	Clear	No Odor
10:55	5	100	5.68	0.52	7.29	1.02	1.03	0.44	12.4	86.1	Clear	No Odor
11:00	5	100	5.68	0.65	7.30	1.09	1.32	0.37	12.3	83.9	Clear	No Odor
11:05	5	100	5.69	0.78	7.30	1.18	1.20	0.40	12.2	81.8	Clear	No Odor
11:10	5	100	5.69	0.91	7.29	1.27	2.84	0.42	12.4	77.2	Clear	No Odor
11:15	5	100	5.69	1.04	7.30	1.29	2.29	0.42	12.5	70.8	Clear	No Odor
11:20	5	100	5.69	1.17	7.31	1.31	2.42	0.43	12.4	65.0	Clear	No Odor
11:25	5	100	5.69	1.30	7.31	1.31	1.65	0.43	12.7	58.3	Clear	No Odor
11:30	5	100	5.69	1.43	7.32	1.33	1.27	0.45	12.7	53.9	Clear	No Odor
11:35	5	100	5.69	1.56	7.32	1.33	1.73	0.43	12.6	48.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12034 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-121S			Date	5-11-21
Project Name/Location		Ford LTP		Weather	Sun and clouds winds northeast at 8-10 mph		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.74	Total Depth (ft-bmp)	12.08	Water Column (ft.)	5.34	Gallons in Well	0.87
		Pump Intake (ft-bmp)	8.24	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.55				
Sample Time: Label	13:41	Volume Purged	1.35 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:52						
Purge End	13:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:55	0	110	6.75	0.00	7.49	0.60	21.10	0.60	10.7	101.4	Clear	No Odor
13:00	5	110	6.75	0.15	7.48	0.60	19.80	0.47	10.5	87.1	Clear	No Odor
13:05	5	110	6.75	0.30	7.49	0.60	19.10	0.43	10.7	68.8	Clear	No Odor
13:10	5	110	6.75	0.45	7.49	0.60	16.00	0.38	10.6	57.6	Clear	No Odor
13:15	5	110	6.75	0.60	7.49	0.60	14.20	0.41	10.6	43.3	Clear	No Odor
13:20	5	110	6.75	0.75	7.49	0.60	10.90	0.39	10.5	31.8	Clear	No Odor
13:25	5	110	6.75	0.90	7.49	0.60	9.13	0.38	10.5	23.1	Clear	No Odor
13:30	5	110	6.75	1.05	7.50	0.60	8.37	0.36	10.8	17.0	Clear	No Odor
13:35	5	110	6.75	1.20	7.49	0.61	7.75	0.34	10.7	13.0	Clear	No Odor
13:40	5	110	6.75	1.35	7.50	0.61	8.03	0.49	10.6	8.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
1" = 0.04	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	11710 Boston Post; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-123S			Date	5-19-21
Project Name/Location	Ford LTP			Weather	66.9 degrees F and Mostly Cloudy. The wind is blowing S/SE at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.75	Total Depth (ft-bmp)	10.95	Water Column (ft.)	8.20	Gallons in Well	1.33
		Pump Intake (ft-bmp)	4.25	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.21				
Sample Time: Label	9:05	Volume Purged	1.61 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	8:29						
Purge End	9:09						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:30	0	175	2.81	0.00	7.27	1.36	2.26	0.61	12.1	200.2	Clear	No Odor
8:35	5	175	2.81	0.23	7.09	1.83	3.73	0.17	11.3	183.2	Clear	No Odor
8:40	5	175	2.81	0.46	7.04	2.04	0.64	0.08	11.2	-7.5	Clear	No Odor
8:45	5	175	2.81	0.69	7.05	2.22	3.01	0.06	11.0	-36.9	Clear	No Odor
8:50	5	175	2.81	0.92	7.09	2.31	0.28	0.04	11.0	-46.9	Clear	No Odor
8:55	5	175	2.81	1.15	7.11	2.41	1.03	0.04	10.9	-53.0	Clear	No Odor
9:00	5	175	2.81	1.38	7.13	2.46	0.02	0.05	10.8	-55.2	Clear	No Odor
9:05	5	175	2.81	1.61	7.15	2.48	0.02	0.20	10.9	-56.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12075 Brewster, side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-125			Date	5-18-21
Project Name/Location		Ford LTP		Weather	57.0 degrees F and Haze. The wind is blowing N/NE at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.80	Total Depth (ft-bmp)	11.65	Water Column (ft.)	9.85	Gallons in Well	1.60
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.75				
Sample Time: Label	10:00	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	9:21						
Purge End	10:03						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:25	0	150	1.87	0.00	7.06	1.21	9.41	4.51	11.2	-87.1	Clear, Small Orange Particulates	No Odor
9:30	5	150	1.84	0.20	7.12	1.19	9.91	0.88	11.4	-112.5	Clear, Small Orange Particulates	No Odor
9:35	5	150	1.84	0.40	7.13	1.19	8.01	0.49	11.2	-117.5	Clear, Small Orange Particulates	No Odor
9:40	5	150	1.84	0.60	7.13	1.17	7.70	0.41	11.0	-123.1	Clear, Small Orange Particulates	No Odor
9:45	5	150	1.84	0.80	7.14	1.16	3.68	0.23	11.1	-126.2	Clear, Small Orange Particulates	No Odor
9:50	5	150	1.84	1.00	7.14	1.16	3.08	0.26	11.2	-127.3	Clear, Small Orange Particulates	No Odor
9:55	5	150	1.84	1.20	7.14	1.16	2.98	0.27	11.1	-128.4	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	35601 Veronica; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-125S			Date	5-18-21
Project Name/Location		Ford LTP		Weather	69.1 degrees F and Mostly Clear. The wind is blowing SE at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.90	Total Depth (ft-bmp)	6.70	Water Column (ft.)	4.80	Gallons in Well	0.78
		Pump Intake (ft-bmp)	3.40	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.54				
Sample Time: Label	10:45	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	10:12						
Purge End	10:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	150	1.95	0.00	6.90	0.89	0.73	1.66	12.1	-108.1	Clear, Small Orange Particulates	Faint Odor
10:20	5	150	1.94	0.20	6.88	0.90	1.38	0.30	12.1	-108.3	Clear, Small Black Particulates	Faint Odor
10:25	5	150	1.94	0.40	6.86	0.91	0.75	0.22	11.9	-104.0	Clear, Small Black Particulates	Faint Odor
10:30	5	150	1.94	0.60	6.86	0.92	0.88	0.16	12.0	-102.6	Clear, Small Black Particulates	Faint Odor
10:35	5	150	1.94	0.80	6.84	0.92	1.16	0.43	12.5	-102.2	Clear, Small Black Particulates	Faint Odor
10:40	5	150	1.94	1.00	6.84	0.92	0.61	0.36	12.6	-99.6	Clear, Small Black Particulates	Faint Odor
10:45	5	150	1.94	1.20	6.85	0.93	0.65	0.27	12.6	-99.3	Clear, Small Black Particulates	Faint Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	35601 Veronica; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-126S			Date	5-4-21
Project Name/Location		Ford LTP		Weather	60.1 degrees F and Fog/Mist. The wind is blowing W/SW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.30	Total Depth (ft-bmp)	12.78	Water Column (ft.)	3.48	Gallons in Well	0.57
		Pump Intake (ft-bmp)	10.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.37				
Sample Time: Label	10:26	Volume Purged	1.92 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:23						
Purge End	10:32						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:25	0	120	9.32	0.00	6.71	0.39	4.22	2.30	11.6	210.1	Clear	No Odor
9:30	5	120	9.32	0.16	7.06	0.37	3.34	2.02	11.6	197.1	Clear	No Odor
9:35	5	120	9.32	0.32	7.21	0.36	1.48	2.15	11.6	186.6	Clear	No Odor
9:40	5	120	9.32	0.48	7.27	0.35	1.25	2.28	11.6	180.0	Clear	No Odor
9:45	5	120	9.32	0.64	7.34	0.34	1.07	2.49	11.6	172.9	Clear	No Odor
9:50	5	120	9.32	0.80	7.39	0.33	0.85	2.57	11.5	167.8	Clear	No Odor
9:55	5	120	9.32	0.96	7.42	0.32	0.61	2.58	11.6	164.1	Clear	No Odor
10:00	5	120	9.32	1.12	7.46	0.31	0.24	2.65	11.7	159.6	Clear	No Odor
10:05	5	120	9.32	1.28	7.48	0.30	0.39	2.62	11.6	156.8	Clear	No Odor
10:10	5	120	9.32	1.44	7.50	0.30	0.20	2.63	11.6	153.7	Clear	No Odor
10:15	5	120	9.32	1.60	7.52	0.29	0.21	2.62	11.5	151.6	Clear	No Odor
10:20	5	120	9.32	1.76	7.53	0.28	0.10	2.58	11.5	149.9	Clear	No Odor
10:25	5	120	9.32	1.92	7.55	0.28	0.19	2.65	11.5	148.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34966 Standish	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-127S			Date	5-18-21
Project Name/Location	Ford LTP			Weather	57.0 degrees F and Haze. The wind is blowing N/NE at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.72	Total Depth (ft-bmp)	12.28	Water Column (ft.)	9.56	Gallons in Well	1.55
		Pump Intake (ft-bmp)	4.22	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.19				
Sample Time: Label	9:27	Volume Purged	1.84 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	8:44						
Purge End	9:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:45	0	175	2.98	0.00	6.96	1.14	0.02	0.29	11.5	111.6	Clear	No Odor
8:50	5	175	2.98	0.23	6.95	1.23	2.28	0.23	11.5	48.1	Clear	No Odor
8:55	5	175	2.98	0.46	6.98	1.29	0.02	0.11	11.4	13.5	Clear	No Odor
9:00	5	175	2.98	0.69	7.00	1.33	0.02	0.09	11.3	-0.9	Clear	No Odor
9:05	5	175	2.98	0.92	7.02	1.62	0.02	0.10	11.2	-21.8	Clear	No Odor
9:10	5	175	2.98	1.15	7.07	1.85	0.02	0.21	11.2	-37.0	Clear	No Odor
9:15	5	175	2.98	1.38	7.11	1.99	0.02	0.14	11.1	-45.6	Clear	No Odor
9:20	5	175	2.98	1.61	7.14	2.01	0.02	0.10	11.2	-50.2	Clear	No Odor
9:25	5	175	2.98	1.84	7.18	1.96	0.02	0.19	11.3	-53.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34424 Beacon, side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-128S			Date	5-5-21
Project Name/Location		Ford LTP		Weather	46.9 degrees F and Cloudy. The wind is blowing NW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.14	Total Depth (ft-bmp)	13.06	Water Column (ft.)	5.92	Gallons in Well	0.96
		Pump Intake (ft-bmp)	8.64	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.96				
Sample Time: Label	15:37	Volume Purged	1.88 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	14:39						
Purge End	15:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:40	0	140	7.24	0.00	7.97	0.65	0.02	1.04	11.5	-0.4	Clear	No Odor
14:45	5	125	7.31	0.18	7.51	0.73	0.02	0.44	11.3	17.2	Clear	No Odor
14:50	5	125	7.31	0.35	7.38	0.74	0.02	0.39	11.4	24.5	Clear	No Odor
14:55	5	125	7.31	0.52	7.41	0.75	0.02	0.42	11.3	23.7	Clear	No Odor
15:00	5	125	7.32	0.69	7.41	0.76	0.02	0.48	11.3	24.7	Clear	No Odor
15:05	5	125	7.34	0.86	7.37	0.95	0.02	0.53	11.4	30.3	Clear	No Odor
15:10	5	125	7.35	1.03	7.35	1.23	0.02	0.58	11.3	30.4	Clear	No Odor
15:15	5	125	7.36	1.20	7.35	1.30	0.02	0.60	11.3	19.5	Clear	No Odor
15:20	5	125	7.36	1.37	7.35	1.33	0.02	0.66	11.3	10.0	Clear	No Odor
15:25	5	125	7.36	1.54	7.36	1.33	0.02	0.73	11.5	2.3	Clear	No Odor
15:30	5	125	7.36	1.71	7.40	1.33	0.02	0.76	11.6	-4.5	Clear	No Odor
15:35	5	125	7.36	1.88	7.39	1.33	0.02	0.79	11.4	-7.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34360 Capitol; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-129			Date	5-18-21
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Partly Cloudy. The wind is blowing SE at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.31	Total Depth (ft-bmp)	14.52	Water Column (ft.)	11.21	Gallons in Well	1.82
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.32				
Sample Time: Label	13:50	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	12:45						
Purge End	13:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:50	0	150	3.45	0.00	7.44	0.60	149.00	1.32	13.0	142.6	Cloudy, Yellow	No Odor
12:55	5	150	3.46	0.20	7.44	0.60	111.00	0.55	12.9	-142.2	Cloudy, Yellow	No Odor
13:00	5	150	3.47	0.40	7.43	0.61	44.90	0.22	12.9	-138.3	Cloudy, Yellow	No Odor
13:05	5	150	3.47	0.60	7.41	0.62	35.80	0.19	12.8	-137.4	Clear, Small Orange Particulates	No Odor
13:10	5	150	3.47	0.80	7.41	0.62	24.70	0.16	13.0	-138.5	Clear, Small Orange Particulates	No Odor
13:15	5	150	3.47	1.00	7.41	0.62	20.70	0.13	12.9	-139.6	Clear	No Odor
13:20	5	150	3.47	1.20	7.42	0.62	15.70	0.12	12.9	-139.8	Clear, Small Orange Particulates	No Odor
13:25	5	150	3.47	1.40	7.42	0.62	25.70	0.10	13.0	-141.0	Clear, Small Orange Particulates	No Odor
13:30	5	150	3.47	1.60	7.42	0.63	31.40	0.10	13.0	-141.3	Cloudy, Small Orange Particulates	No Odor
13:35	5	150	3.47	1.80	7.42	0.62	22.80	0.13	13.5	-140.9	Clear, Small Orange Particulates	No Odor
13:40	5	150	3.47	2.00	7.42	0.63	22.30	0.12	13.7	-139.9	Clear, Small Orange Particulates	No Odor
13:45	5	150	3.47	2.20	7.42	0.63	12.50	0.14	14.1	-138.0	Clear, Small Orange Particulates	No Odor
13:50	5	150	3.47	2.40	7.42	0.63	11.80	0.15	14.4	-137.7	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	35601 Veronica; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-129S			Date	5-18-21
Project Name/Location		Ford LTP		Weather	72.0 degrees F and Partly Cloudy. The wind is blowing E/SE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.50	Total Depth (ft-bmp)	6.80	Water Column (ft.)	3.30	Gallons in Well	0.54
		Pump Intake (ft-bmp)	5.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.96				
Sample Time: Label	12:30	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	11:44						
Purge End	12:32						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:45	0	150	3.52	0.00	7.30	0.63	25.30	1.02	14.7	113.8	Clear, Small Orange Particulates	No Odor
11:50	5	150	3.52	0.20	7.20	0.63	10.20	0.60	14.6	73.0	Clear, Small Orange Particulates	No Odor
11:55	5	150	3.52	0.40	7.18	0.62	6.18	0.39	14.6	27.7	Clear, Small Orange Particulates	No Odor
12:00	5	150	3.52	0.60	7.18	0.62	3.78	0.31	14.5	3.8	Clear, Small Orange Particulates	No Odor
12:05	5	150	3.52	0.80	7.17	0.62	2.66	0.18	14.5	-17.2	Clear	No Odor
12:10	5	150	3.52	1.00	7.17	0.62	1.81	0.15	14.5	-27.5	Clear	No Odor
12:15	5	150	3.52	1.20	7.17	0.62	2.35	0.09	14.5	-35.0	Clear	No Odor
12:20	5	150	3.52	1.40	7.17	0.62	3.60	0.10	14.3	-41.3	Clear	No Odor
12:25	5	150	3.52	1.60	7.17	0.62	1.92	0.08	14.5	-44.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	35601 Veronica; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-130S			Date	5-7-21
Project Name/Location		Ford LTP		Weather	52.0 degrees F and Partly Cloudy. The wind is blowing at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.47	Total Depth (ft-bmp)	13.20	Water Column (ft.)	8.73	Gallons in Well	1.42
		Pump Intake (ft-bmp)	5.97	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.97				
Sample Time: Label	12:45	Volume Purged	1.38 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	12:14						
Purge End	12:49						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:15	0	175	4.50	0.00	7.18	1.10	5.53	0.97	13.1	25.7	Clear	No Odor
12:20	5	175	4.50	0.23	7.12	1.36	6.43	0.35	13.0	8.9	Clear	No Odor
12:25	5	175	4.50	0.46	7.16	1.78	6.72	0.16	13.0	-27.6	Clear	No Odor
12:30	5	175	4.50	0.69	7.19	1.93	1.60	0.09	12.9	-41.2	Clear	No Odor
12:35	5	175	4.50	0.92	7.21	1.98	2.36	0.06	12.8	-48.7	Clear	No Odor
12:40	5	175	4.50	1.15	7.22	2.00	0.84	0.06	13.0	-53.1	Clear	No Odor
12:45	5	175	4.50	1.38	7.22	2.00	1.53	0.05	13.1	-56.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34600 Beacon, side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-143S			Date	5-10-21
Project Name/Location		Ford LTP		Weather	45.0 degrees F and Mostly Clear. The wind is blowing N at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.25	Total Depth (ft-bmp)	10.10	Water Column (ft.)	1.85	Gallons in Well	0.30
		Pump Intake (ft-bmp)	9.75	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.13				
Sample Time: Label	11:04	Volume Purged	1.54 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:16						
Purge End	11:08						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:17	0	140	8.30	0.00	6.53	0.77	1.03	3.10	11.7	206.4	Clear	No Odor
10:22	5	130	8.32	0.18	6.99	0.70	18.50	1.70	11.8	194.0	Clear	No Odor
10:27	5	130	8.31	0.35	6.91	0.70	8.99	1.05	11.5	194.9	Clear	No Odor
10:32	5	125	8.31	0.52	6.91	0.71	1.11	1.00	11.5	191.6	Clear	No Odor
10:37	5	125	8.31	0.69	6.96	0.70	0.02	1.05	11.3	187.0	Clear	No Odor
10:42	5	125	8.31	0.86	7.01	0.70	0.02	0.92	11.5	180.4	Clear	No Odor
10:47	5	125	8.31	1.03	7.05	0.70	0.02	0.90	11.3	176.1	Clear	No Odor
10:52	5	125	8.31	1.20	7.01	0.70	0.02	0.82	11.1	177.4	Clear	No Odor
10:57	5	125	8.31	1.37	7.02	0.69	0.02	0.81	11.1	177.4	Clear	No Odor
11:02	5	125	8.31	1.54	7.04	0.70	0.02	0.79	11.0	176.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12069 Stark; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-144S			Date	5-11-21
Project Name/Location	Ford LTP			Weather	43.0 degrees F and Mostly Clear. The wind is blowing W/NW at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.96	Total Depth (ft-bmp)	11.68	Water Column (ft.)	2.72	Gallons in Well	0.44
		Pump Intake (ft-bmp)	10.46	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.34				
Sample Time: Label	10:30	Volume Purged	1.91 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	9:31						
Purge End	10:34						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:32	0	150	9.03	0.00	6.57	0.61	752.00	6.53	10.7	273.1	Cloudy	No Odor
9:37	5	135	9.03	0.20	6.49	0.54	528.00	5.34	10.6	283.7	Cloudy	No Odor
9:42	5	130	9.04	0.38	6.60	0.52	305.00	3.82	10.6	274.3	Cloudy	No Odor
9:47	5	130	9.04	0.55	6.76	0.51	197.00	2.79	10.5	262.6	Cloudy	No Odor
9:52	5	130	9.04	0.72	6.87	0.52	87.60	1.97	10.5	251.5	Cloudy	No Odor
9:57	5	130	9.04	0.89	6.94	0.52	46.60	1.59	10.3	239.8	Cloudy	No Odor
10:02	5	130	9.04	1.06	6.99	0.53	24.50	1.41	10.5	229.9	Clear	No Odor
10:07	5	125	9.05	1.23	7.03	0.53	18.10	1.20	10.5	221.3	Clear	No Odor
10:12	5	125	9.05	1.40	7.05	0.53	12.80	1.15	10.5	214.9	Clear	No Odor
10:17	5	125	9.05	1.57	7.08	0.54	3.34	1.11	10.4	207.7	Clear	No Odor
10:22	5	125	9.05	1.74	7.08	0.53	3.49	1.07	10.4	204.3	Clear	No Odor
10:27	5	125	9.05	1.91	7.10	0.54	2.26	1.05	10.6	198.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12033 Stark; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-145S			Date	5-5-21
Project Name/Location	Ford LTP			Weather	46.0 degrees F and Cloudy. The wind is blowing N/NW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.14	Total Depth (ft-bmp)	9.95	Water Column (ft.)	2.81	Gallons in Well	0.46
		Pump Intake (ft-bmp)	8.64	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.67				
Sample Time:	Label 13:43	Volume Purged	1.23 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
	Purge Start 13:05						
	Purge End 13:46						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:06	0	150	7.21	0.00	7.49	0.86	1.52	2.32	10.2	55.9	Clear	No Odor
13:11	5	135	7.21	0.20	7.09	0.83	1.97	0.32	10.0	29.9	Clear	No Odor
13:16	5	130	7.21	0.38	7.03	0.87	2.61	0.33	10.0	-11.7	Clear	No Odor
13:21	5	125	7.21	0.55	7.02	0.89	0.02	0.13	9.9	-31.7	Clear	No Odor
13:26	5	125	7.21	0.72	7.03	0.91	0.02	0.18	9.9	-37.7	Clear	No Odor
13:31	5	125	7.21	0.89	7.05	0.92	0.02	0.16	9.8	-39.9	Clear	No Odor
13:36	5	125	7.22	1.06	7.06	0.94	0.02	0.17	9.9	-38.7	Clear	No Odor
13:41	5	125	7.22	1.23	7.07	0.94	0.02	0.13	9.9	-37.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12087 Stark; backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-146S			Date	5-5-21
Project Name/Location	Ford LTP			Weather	45.0 degrees F and Cloudy. The wind is blowing N/NW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.96	Total Depth (ft-bmp)	9.84	Water Column (ft.)	3.88	Gallons in Well	0.63
		Pump Intake (ft-bmp)	7.46	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.22				
Sample Time: Label	12:24	Volume Purged	2.03 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	11:20						
Purge End	12:28						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:22	0	120	6.19	0.00	7.19	0.36	103.00	10.10	11.4	77.5	Clear	No Odor
11:27	5	130	6.20	0.16	7.50	0.39	58.20	6.55	11.3	67.1	Clear	No Odor
11:32	5	125	6.20	0.33	7.19	0.81	17.70	3.81	11.1	62.1	Clear	No Odor
11:37	5	125	6.20	0.50	7.07	0.98	8.24	2.64	11.0	62.3	Clear	No Odor
11:42	5	125	6.21	0.67	7.01	1.14	10.60	1.70	10.9	60.8	Clear	No Odor
11:47	5	125	6.21	0.84	7.00	1.20	7.24	1.38	10.9	57.5	Clear	No Odor
11:52	5	125	6.21	1.01	6.98	1.27	0.02	0.99	10.8	54.8	Clear	No Odor
11:57	5	125	6.21	1.18	6.97	1.35	0.02	0.76	10.8	51.8	Clear	No Odor
12:02	5	125	6.21	1.35	6.96	1.39	0.02	0.65	10.9	52.6	Clear	No Odor
12:07	5	125	6.21	1.52	6.97	1.43	0.02	0.64	10.9	49.8	Clear	No Odor
12:12	5	125	6.21	1.69	6.97	1.47	0.02	0.57	10.9	46.6	Clear	No Odor
12:17	5	125	6.22	1.86	6.97	1.50	0.02	0.58	10.9	45.9	Clear	No Odor
12:22	5	125	6.21	2.03	6.93	1.52	0.02	0.56	10.9	47.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34367 Capitol; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-147S			Date	5-5-21
Project Name/Location		Ford LTP		Weather	44.1 degrees F and Cloudy. The wind is blowing NW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.41	Total Depth (ft-bmp)	6.75	Water Column (ft.)	2.34	Gallons in Well	0.38
		Pump Intake (ft-bmp)	5.91	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.74				
Sample Time: Label	9:31	Volume Purged	1.42 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	8:48						
Purge End	9:37						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:49	0	150	4.57	0.00	6.42	1.06	0.02	2.35	10.0	198.3	Clear	No Odor
8:54	5	150	4.62	0.20	6.47	1.24	0.02	2.52	9.9	166.6	Clear	No Odor
8:59	5	130	4.60	0.40	6.66	1.39	0.02	0.63	9.8	93.9	Clear	No Odor
9:04	5	125	4.60	0.57	6.78	1.42	0.02	0.47	9.8	67.3	Clear	No Odor
9:09	5	125	4.61	0.74	6.85	1.44	0.02	0.44	9.8	39.2	Clear	No Odor
9:14	5	125	4.61	0.91	6.90	1.45	0.02	0.34	9.8	22.4	Clear	No Odor
9:19	5	128	4.61	1.08	6.94	1.46	0.02	0.34	9.7	13.0	Clear	No Odor
9:24	5	125	4.61	1.25	6.96	1.44	0.02	0.38	9.8	6.6	Clear	No Odor
9:29	5	128	4.61	1.42	6.98	1.47	0.02	0.28	9.8	4.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34401 Capitol; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-148S			Date	5-19-21
Project Name/Location		Ford LTP		Weather	81.0 degrees F and Mostly Cloudy. The wind is blowing S/SE at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.38	Total Depth (ft-bmp)	6.33	Water Column (ft.)	2.95	Gallons in Well	0.48
		Pump Intake (ft-bmp)	4.88	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.35				
Sample Time: Label	15:07	Volume Purged	1.61 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	14:28						
Purge End	15:13						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:30	0	175	3.46	0.00	7.11	1.67	13.00	0.82	13.0	-10.8	Clear	No Odor
14:35	5	175	3.46	0.23	7.12	1.75	3.88	0.23	12.4	-21.2	Clear	No Odor
14:40	5	175	3.46	0.46	7.14	1.74	3.47	0.17	12.4	-30.2	Clear	No Odor
14:45	5	175	3.46	0.69	7.14	1.75	4.22	0.14	12.5	-32.5	Clear	No Odor
14:50	5	175	3.46	0.92	7.14	1.75	3.07	0.17	12.5	-35.5	Clear	No Odor
14:55	5	175	3.46	1.15	7.15	1.76	3.67	0.13	12.1	-37.1	Clear	No Odor
15:00	5	175	3.46	1.38	7.15	1.76	2.41	0.11	12.2	-38.4	Clear	No Odor
15:05	5	175	3.46	1.61	7.16	1.76	1.47	0.11	12.4	-39.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12088 Brewster, side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-149S			Date	5-18-21
Project Name/Location		Ford LTP		Weather	69.1 degrees F and Mostly Clear. The wind is blowing at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.37	Total Depth (ft-bmp)	6.49	Water Column (ft.)	4.12	Gallons in Well	0.67
		Pump Intake (ft-bmp)	3.87	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.06				
Sample Time: Label	10:20	Volume Purged	1.38 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	9:49						
Purge End	10:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:50	0	175	2.45	0.00	7.08	1.95	1.29	1.70	11.4	3.4	Clear	No Odor
9:55	5	175	2.45	0.23	7.05	1.95	0.22	0.24	11.3	-12.8	Clear	No Odor
10:00	5	175	2.45	0.46	7.05	1.97	0.02	0.11	11.1	-20.4	Clear	No Odor
10:05	5	175	2.45	0.69	7.05	1.98	0.02	0.12	11.1	-26.6	Clear	No Odor
10:10	5	175	2.45	0.92	7.05	2.00	0.02	0.38	11.1	-29.4	Clear	No Odor
10:15	5	175	2.45	1.15	7.06	2.02	0.02	0.16	11.1	-31.5	Clear	No Odor
10:20	5	175	2.45	1.38	7.06	2.06	0.02	0.12	11.2	-31.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34450 Beacon, backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-150S			Date	5-18-21
Project Name/Location		Ford LTP		Weather	72.0 degrees F and Partly Cloudy. The wind is blowing E/SE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.52	Total Depth (ft-bmp)	6.73	Water Column (ft.)	2.21	Gallons in Well	0.36
		Pump Intake (ft-bmp)	6.02	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.47				
Sample Time: Label	12:45	Volume Purged	1.61 gallons	Replicate/Code No.	DUP-15	Sampled by	Allyson Hartz
Purge Start	12:09						
Purge End	12:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:10	0	175	4.56	0.00	6.94	1.93	7.43	0.68	11.5	137.5	Clear	No Odor
12:15	5	175	4.56	0.23	7.00	2.18	6.43	0.33	11.2	118.9	Clear	No Odor
12:20	5	175	4.56	0.46	7.04	2.22	3.33	0.20	11.2	100.1	Clear	No Odor
12:25	5	175	4.56	0.69	7.06	2.22	3.87	0.15	11.1	74.6	Clear	No Odor
12:30	5	175	4.56	0.92	7.06	2.22	3.04	0.46	11.0	61.8	Clear	No Odor
12:35	5	175	4.56	1.15	7.06	2.22	4.15	0.38	11.0	52.9	Clear	No Odor
12:40	5	175	4.56	1.38	7.06	2.22	1.25	0.23	11.1	50.2	Clear	No Odor
12:45	5	175	4.56	1.61	7.07	2.22	2.18	0.16	11.0	47.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34380 Beacon, backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-151S			Date	5-19-21
Project Name/Location	Ford LTP			Weather	66.9 degrees F and Mostly Cloudy. The wind is blowing S/SE at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.39	Total Depth (ft-bmp)	6.93	Water Column (ft.)	3.54	Gallons in Well	0.58
		Pump Intake (ft-bmp)	4.89	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.17				
Sample Time: Label	10:15	Volume Purged	1.84 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	9:34						
Purge End	10:19						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:35	0	175	3.42	0.00	7.18	1.74	11.60	0.15	12.5	-57.5	Clear	No Odor
9:40	5	175	3.42	0.23	7.18	1.74	154.00	0.13	12.5	-59.4	Cloudy, Orange, Small Orange Particulates	No Odor
9:45	5	175	3.42	0.46	7.19	1.75	22.40	0.06	12.1	-63.2	Clear	No Odor
9:50	5	175	3.42	0.69	7.19	1.75	8.41	0.06	12.0	-63.5	Clear, Small Orange Particulates	No Odor
9:55	5	175	3.42	0.92	7.20	1.75	7.43	0.06	12.0	-64.7	Clear, Small Orange Particulates	No Odor
10:00	5	175	3.42	1.15	7.20	1.75	7.10	0.06	12.1	-65.3	Clear	No Odor
10:05	5	175	3.42	1.38	7.19	1.76	2.47	0.19	12.2	-64.9	Clear	No Odor
10:10	5	175	3.42	1.61	7.20	1.77	3.60	0.06	12.2	-66.4	Clear	No Odor
10:15	5	175	3.42	1.84	7.20	1.78	2.92	0.05	12.4	-67.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12091 Brewster, backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-152S			Date	5-14-21
Project Name/Location		Ford LTP		Weather	66.9 degrees F and Clear. The wind is blowing WSW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.50	Total Depth (ft-bmp)	6.66	Water Column (ft.)	2.16	Gallons in Well	0.35
		Pump Intake (ft-bmp)	6.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.86				
Sample Time: Label	14:30	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:27						
Purge End	14:35						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:30	0	150	4.65	0.00	7.49	0.89	179.00	2.03	12.4	67.0	Cloudy	No Odor
13:35	5	150	4.65	0.20	7.34	0.72	181.00	2.93	12.6	31.3	Cloudy	No Odor
13:40	5	150	4.65	0.40	7.31	0.74	124.00	2.97	12.4	28.1	Cloudy	No Odor
13:45	5	150	4.65	0.60	7.25	0.83	47.60	1.84	12.6	11.1	Cloudy	No Odor
13:50	5	150	4.65	0.80	7.26	0.85	71.20	1.38	11.8	3.4	Cloudy	No Odor
13:55	5	150	4.65	1.00	7.23	0.86	52.20	1.30	11.8	-7.0	Cloudy	No Odor
14:00	5	150	4.65	1.20	7.22	0.91	33.00	0.94	11.5	-15.4	Cloudy	No Odor
14:05	5	150	4.65	1.40	7.22	0.93	23.60	0.63	11.4	-24.6	Cloudy	No Odor
14:10	5	150	4.65	1.60	7.21	0.93	18.40	0.49	11.2	-29.9	Cloudy	No Odor
14:15	5	150	4.65	1.80	7.21	0.94	15.90	0.43	11.2	-33.3	Cloudy	No Odor
14:20	5	150	4.65	2.00	7.21	0.94	9.23	0.34	11.3	-36.9	Clear	No Odor
14:25	5	150	4.65	2.20	7.21	0.93	7.64	0.23	11.3	-41.6	Clear	No Odor
14:30	5	150	4.65	2.40	7.21	0.93	4.63	0.23	11.1	-44.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34450 Beacon; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-153S			Date	5-7-21
Project Name/Location		Ford LTP		Weather	48.0 degrees F and Partly Cloudy. The wind is blowing W at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.19	Total Depth (ft-bmp)	6.01	Water Column (ft.)	2.82	Gallons in Well	0.46
		Pump Intake (ft-bmp)	4.69	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.50				
Sample Time: Label	10:20	Volume Purged	2.07 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	9:34						
Purge End	10:24						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:35	0	175	3.25	0.00	7.21	0.89	8.98	0.64	11.4	211.0	Clear	No Odor
9:40	5	175	3.25	0.23	7.17	0.89	2.85	0.15	11.0	183.3	Clear	No Odor
9:45	5	175	3.25	0.46	7.20	0.89	1.95	0.11	10.9	150.3	Clear	No Odor
9:50	5	175	3.25	0.69	7.21	0.88	0.94	0.08	10.8	124.9	Clear	No Odor
9:55	5	175	3.25	0.92	7.21	0.88	0.30	0.16	10.8	95.6	Clear	No Odor
10:00	5	175	3.25	1.15	7.22	0.88	0.02	0.06	10.8	77.0	Clear	No Odor
10:05	5	175	3.25	1.38	7.23	0.88	0.02	0.04	10.8	54.5	Clear	No Odor
10:10	5	175	3.25	1.61	7.23	0.88	0.02	0.06	10.8	46.7	Clear	No Odor
10:15	5	175	3.25	1.84	7.23	0.88	0.02	0.05	10.7	41.7	Clear	No Odor
10:20	5	175	3.25	2.07	7.23	0.88	0.02	0.05	10.6	38.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34644 Beacon, backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-154S			Date	5-7-21
Project Name/Location		Ford LTP		Weather	48.0 degrees F and Partly Cloudy. The wind is blowing W at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.91	Total Depth (ft-bmp)	7.01	Water Column (ft.)	2.10	Gallons in Well	0.34
		Pump Intake (ft-bmp)	6.41	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	8.12				
Sample Time: Label	11:50	Volume Purged	2.76 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	10:48						
Purge End	11:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	175	4.96	0.00	7.63	0.51	2.16	2.72	10.2	104.4	Clear	No Odor
10:55	5	175	4.96	0.23	7.46	0.81	4.32	1.44	10.0	103.0	Clear	No Odor
11:00	5	175	4.96	0.46	7.39	0.92	2.00	2.57	9.9	97.8	Clear	No Odor
11:05	5	175	4.96	0.69	7.41	0.93	1.54	1.54	9.9	75.3	Clear	No Odor
11:10	5	175	4.96	0.92	7.41	0.95	0.82	1.21	9.9	53.1	Clear	No Odor
11:15	5	175	4.96	1.15	7.40	0.96	0.02	1.21	9.9	35.6	Clear	No Odor
11:20	5	175	4.96	1.38	7.40	0.97	0.02	1.08	9.9	17.2	Clear	No Odor
11:25	5	175	4.96	1.61	7.41	0.97	0.02	1.17	9.9	9.5	Clear	No Odor
11:30	5	175	4.96	1.84	7.41	0.98	0.02	0.48	9.9	2.0	Clear	No Odor
11:35	5	175	4.96	2.07	7.41	0.98	0.02	0.49	9.9	-3.2	Clear	No Odor
11:40	5	175	4.96	2.30	7.41	0.99	0.02	0.42	10.0	-10.3	Clear	No Odor
11:45	5	175	4.96	2.53	7.41	0.99	0.02	0.37	10.1	-14.8	Clear	No Odor
11:50	5	175	4.96	2.76	7.41	0.99	0.02	0.40	10.3	-16.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34682 Beacon, side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-155S			Date	5-17-21
Project Name/Location		Ford LTP		Weather	66.0 degrees F and Cloudy. The wind is blowing SSE at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.33	Total Depth (ft-bmp)	6.45	Water Column (ft.)	2.12	Gallons in Well	0.34
		Pump Intake (ft-bmp)	5.83	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.47				
Sample Time: Label	13:22	Volume Purged	2.2 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	12:19						
Purge End	13:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	140	4.38	0.00	6.81	0.89	34.90	5.90	15.0	132.3	Clear	No Odor
12:25	5	130	4.38	0.18	6.47	0.85	11.30	2.44	13.0	139.9	Clear	No Odor
12:30	5	150	4.39	0.35	6.48	0.82	4.73	0.77	12.1	131.8	Clear	No Odor
12:35	5	160	4.39	0.55	6.57	0.80	0.02	0.35	11.6	116.6	Clear	No Odor
12:40	5	160	4.39	0.76	6.67	0.80	0.02	0.13	11.4	95.0	Clear	No Odor
12:45	5	160	4.39	0.97	6.73	0.81	0.02	0.02	11.3	79.5	Clear	No Odor
12:50	5	130	4.38	1.18	6.80	0.82	0.02	0.01	11.7	63.1	Clear	No Odor
12:55	5	130	4.39	1.35	6.86	0.82	0.02	0.02	11.7	50.3	Clear	No Odor
13:00	5	130	4.38	1.52	6.89	0.82	0.02	0.02	11.5	39.2	Clear	No Odor
13:05	5	130	4.38	1.69	6.90	0.82	0.02	0.00	11.5	31.1	Clear	No Odor
13:10	5	130	4.38	1.86	6.90	0.83	0.02	0.01	11.5	24.8	Clear	No Odor
13:15	5	130	4.38	2.03	6.91	0.85	0.02	0.00	11.4	20.2	Clear	No Odor
13:20	5	130	4.38	2.20	6.92	0.83	0.02	0.00	11.5	15.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12066 Boston Post; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-156S			Date	5-17-21
Project Name/Location	Ford LTP			Weather	70.0 degrees F and Cloudy. The wind is blowing S/SE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.73	Total Depth (ft-bmp)	7.65	Water Column (ft.)	1.92	Gallons in Well	0.31
		Pump Intake (ft-bmp)	7.23	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.52				
Sample Time: Label	13:36	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:03						
Purge End	13:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:05	0	100	5.81	0.00	7.33	0.49	9.14	2.62	11.8	-20.7	Clear	No Odor
13:10	5	100	5.82	0.13	7.33	0.48	5.49	2.33	12.0	-17.3	Clear	No Odor
13:15	5	100	5.82	0.26	7.32	0.48	1.96	2.26	11.9	-14.3	Clear	No Odor
13:20	5	100	5.82	0.39	7.32	0.47	1.47	2.26	11.8	-11.5	Clear	No Odor
13:25	5	100	5.82	0.52	7.33	0.46	1.14	2.23	11.9	-10.1	Clear	No Odor
13:30	5	100	5.82	0.65	7.34	0.46	1.38	2.29	11.9	-10.0	Clear	No Odor
13:35	5	100	5.82	0.78	7.35	0.45	1.66	2.30	12.1	-10.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	12100 Boston Post; Back Yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-157S			Date	5-17-21
Project Name/Location		Ford LTP		Weather	71.1 degrees F and Cloudy. The wind is blowing S at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.84	Total Depth (ft-bmp)	7.17	Water Column (ft.)	1.33	Gallons in Well	0.22
		Pump Intake (ft-bmp)	6.51	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	9.91				
Sample Time: Label	14:52	Volume Purged	2.18 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	13:49						
Purge End	14:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:50	0	150	5.92	0.00	6.55	0.26	0.02	7.74	12.1	88.0	Clear	No Odor
13:55	5	140	5.96	0.20	6.58	0.24	0.02	6.43	11.4	110.0	Clear	No Odor
14:00	5	140	5.97	0.38	6.84	0.25	0.02	5.69	11.3	103.7	Clear	No Odor
14:05	5	140	5.97	0.56	7.01	0.26	0.02	5.40	11.2	98.3	Clear	No Odor
14:10	5	140	5.97	0.74	7.13	0.27	0.02	5.24	11.2	95.6	Clear	No Odor
14:15	5	140	5.98	0.92	7.23	0.28	0.02	4.98	11.4	94.6	Clear	No Odor
14:20	5	140	5.98	1.10	7.35	0.30	0.02	4.89	11.6	91.8	Clear	No Odor
14:25	5	140	5.99	1.28	7.41	0.32	0.02	4.68	11.7	91.0	Clear	No Odor
14:30	5	140	5.99	1.46	7.42	0.33	0.02	4.54	11.7	91.5	Clear	No Odor
14:35	5	140	5.99	1.64	7.45	0.34	0.02	4.48	11.8	90.6	Clear	No Odor
14:40	5	140	5.99	1.82	7.46	0.35	0.02	4.37	11.7	90.3	Clear	No Odor
14:45	5	140	4.99	2.00	7.46	0.36	0.02	4.34	11.8	90.0	Clear	No Odor
14:50	5	140	5.99	2.18	7.44	0.36	0.02	4.31	11.7	91.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12067 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-158S			Date	5-4-21
Project Name/Location		Ford LTP		Weather	62.1 degrees F and Cloudy. The wind is blowing W/NW at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.56	Total Depth (ft-bmp)	7.33	Water Column (ft.)	1.77	Gallons in Well	0.29
		Pump Intake (ft-bmp)	7.06	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.76				
Sample Time: Label	12:35	Volume Purged	1.38 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	12:03						
Purge End	12:39						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:05	0	175	5.66	0.00	7.82	0.32	5.53	6.37	11.0	-66.5	Clear	No Odor
12:10	5	175	5.66	0.23	7.76	0.32	4.00	6.12	11.1	-91.2	Clear	No Odor
12:15	5	175	5.66	0.46	7.90	0.32	1.43	6.01	11.0	-69.0	Clear	No Odor
12:20	5	175	5.66	0.69	7.90	0.32	2.12	5.95	11.0	-56.0	Clear	No Odor
12:25	5	175	5.66	0.92	7.89	0.32	1.61	5.80	11.1	-50.6	Clear	No Odor
12:30	5	175	5.66	1.15	7.87	0.32	1.47	5.62	11.2	-49.9	Clear	No Odor
12:35	5	175	5.66	1.38	7.88	0.33	0.02	5.59	11.2	-50.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34950 Beacon, backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-159S			Date	5-5-21
Project Name/Location		Ford LTP		Weather	43.0 degrees F and Cloudy. The wind is blowing N/NW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.71	Total Depth (ft-bmp)	8.49	Water Column (ft.)	1.78	Gallons in Well	0.29
		Pump Intake (ft-bmp)	8.21	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.76				
Sample Time: Label	10:30	Volume Purged	1.38 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	9:59						
Purge End	10:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:00	0	175	6.77	0.00	7.65	0.75	3.52	1.07	9.6	-61.9	Clear	No Odor
10:05	5	175	6.77	0.23	7.61	0.67	3.42	0.69	9.6	-78.8	Clear	No Odor
10:10	5	175	6.77	0.46	7.59	0.59	2.87	0.62	9.6	-98.8	Clear	No Odor
10:15	5	175	6.77	0.69	7.60	0.59	2.04	0.43	9.6	-106.0	Clear	No Odor
10:20	5	175	6.77	0.92	7.60	0.58	1.83	0.33	9.7	-102.0	Clear	No Odor
10:25	5	175	6.77	1.15	7.60	0.58	1.54	0.35	9.7	-103.0	Clear	No Odor
10:30	5	175	6.77	1.38	7.60	0.57	1.91	0.38	9.6	-100.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34920 Beacon, side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-161S			Date	5-18-21
Project Name/Location		Ford LTP		Weather	72.0 degrees F and Partly Cloudy. The wind is blowing E/SE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.24	Total Depth (ft-bmp)	5.35	Water Column (ft.)	0.11	Gallons in Well	0.02
		Pump Intake (ft-bmp)	5.30	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	58.50				
Sample Time: Label	13:01	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:14						
Purge End	13:08						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:15	0	100	5.30	0.00	7.05	0.56	6.85	0.97	12.7	-24.3	Clear	Slight Odor
12:20	5	100	5.30	0.13	7.07	0.57	6.19	0.61	12.8	-33.1	Clear	Slight Odor
12:25	5	100	5.30	0.26	7.13	0.57	1.18	0.53	12.9	-41.5	Clear	Slight Odor
12:30	5	100	5.30	0.39	7.18	0.57	0.76	0.49	12.8	-45.0	Clear	Slight Odor
12:35	5	100	5.30	0.52	7.21	0.57	2.03	0.47	12.5	-47.2	Clear	Slight Odor
12:40	5	100	5.30	0.65	7.26	0.57	0.90	0.45	13.0	-49.6	Clear	Slight Odor
12:45	5	100	5.30	0.78	7.27	0.57	0.89	0.44	13.1	-50.4	Clear	Slight Odor
12:50	5	100	5.30	0.91	7.29	0.57	1.06	0.43	13.5	-49.1	Clear	Slight Odor
12:55	5	100	5.30	1.04	7.30	0.57	0.73	0.46	13.5	-47.9	Clear	Slight Odor
13:00	5	100	5.30	1.17	7.31	0.57	0.80	0.41	13.7	-46.5	Clear	Slight Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34851 Beacon; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-162S			Date	5-14-21
Project Name/Location		Ford LTP		Weather	55.9 degrees F and Clear. The wind is blowing W at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.76	Total Depth (ft-bmp)	7.70	Water Column (ft.)	1.94	Gallons in Well	0.32
		Pump Intake (ft-bmp)	7.26	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.88				
Sample Time: Label	11:30	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	10:25						
Purge End	11:35						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	100	5.82	0.00	7.60	0.21	68.30	9.50	10.4	-66.0	Cloudy	No Odor
10:35	5	100	5.82	0.13	7.15	0.25	26.40	8.27	10.4	-25.4	Cloudy	No Odor
10:40	5	100	5.82	0.26	7.05	0.32	11.30	6.96	10.3	-14.2	Clear	No Odor
10:45	5	100	5.82	0.39	7.12	0.37	4.46	6.00	10.4	0.8	Clear	No Odor
10:50	5	100	5.82	0.52	7.16	0.39	3.30	5.34	10.6	20.6	Clear	No Odor
10:55	5	100	5.82	0.65	7.18	0.41	1.80	4.97	11.0	38.0	Clear	No Odor
11:00	5	100	5.82	0.78	7.20	0.42	2.18	4.70	11.2	50.5	Clear	No Odor
11:05	5	100	5.82	0.91	7.21	0.43	0.86	4.63	11.2	65.8	Clear	No Odor
11:10	5	100	5.82	1.04	7.22	0.44	1.12	4.41	11.5	76.0	Clear	No Odor
11:15	5	100	5.82	1.17	7.23	0.44	1.96	4.04	11.7	84.4	Clear	No Odor
11:20	5	100	5.82	1.30	7.23	0.41	44.40	4.63	11.6	93.2	Cloudy	No Odor
11:25	5	100	5.82	1.43	7.24	0.45	40.00	3.82	11.9	104.0	Cloudy	No Odor
11:30	5	100	5.82	1.56	7.24	0.46	37.20	3.73	11.9	104.4	Cloudy	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12017 Brewster; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-163S			Date	5-14-21
Project Name/Location		Ford LTP		Weather	66.0 degrees F and Clear. The wind is blowing W/NW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.38	Total Depth (ft-bmp)	6.74	Water Column (ft.)	2.36	Gallons in Well	0.38
		Pump Intake (ft-bmp)	5.88	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.68				
Sample Time: Label	13:00	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	12:19						
Purge End	13:03						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	150	6.53	0.00	7.31	0.58	358.00	13.40	12.9	-21.0	Cloudy	No Odor
12:25	5	150	6.53	0.20	7.26	0.58	235.00	2.53	13.0	-24.7	Cloudy	No Odor
12:30	5	150	6.53	0.40	7.27	0.57	70.70	1.75	12.8	-24.2	Cloudy	No Odor
12:35	5	150	6.53	0.60	7.33	0.56	10.10	0.69	12.3	-27.9	Cloudy	No Odor
12:40	5	150	6.53	0.80	7.35	0.54	4.45	0.61	12.0	-25.3	Clear	No Odor
12:45	5	150	6.53	1.00	7.36	0.53	1.99	0.48	11.9	-23.2	Clear	No Odor
12:50	5	150	6.53	1.20	7.36	0.52	1.53	0.37	11.8	-20.7	Clear	No Odor
12:55	5	150	6.53	1.40	7.37	0.51	1.59	0.38	11.7	-19.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34591 Beacon; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-164S			Date	5-5-21
Project Name/Location		Ford LTP		Weather	46.9 degrees F and Cloudy. The wind is blowing NW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.55	Total Depth (ft-bmp)	7.49	Water Column (ft.)	1.94	Gallons in Well	0.32
		Pump Intake (ft-bmp)	7.05	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	8.63				
Sample Time: Label	15:20	Volume Purged	2.76 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	14:19						
Purge End	15:24						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:20	0	175	5.70	0.00	7.80	0.26	38.30	9.65	10.0	47.8	Clear	No Odor
14:25	5	175	5.70	0.23	7.64	0.33	73.10	9.20	9.7	58.4	Clear	No Odor
14:30	5	175	5.70	0.46	7.57	0.40	45.40	8.57	9.7	67.2	Clear	No Odor
14:35	5	175	5.70	0.69	7.56	0.41	36.10	8.58	9.7	68.4	Clear	No Odor
14:40	5	175	5.64	0.92	7.55	0.42	24.10	8.59	9.6	71.4	Clear	No Odor
14:45	5	175	5.64	1.15	7.55	0.43	16.70	8.59	9.6	73.1	Clear	No Odor
14:50	5	175	5.64	1.38	7.53	0.45	13.80	8.47	9.6	75.9	Clear	No Odor
14:55	5	175	5.64	1.61	7.53	0.46	12.80	8.44	9.6	77.6	Clear	No Odor
15:00	5	175	5.64	1.84	7.52	0.46	10.20	8.32	9.6	78.7	Clear	No Odor
15:05	5	175	5.64	2.07	7.51	0.47	8.23	8.21	9.6	81.3	Clear	No Odor
15:10	5	175	5.64	2.30	7.50	0.48	5.45	7.99	9.6	82.8	Clear	No Odor
15:15	5	175	5.64	2.53	7.49	0.49	5.40	7.78	9.6	83.7	Clear	No Odor
15:20	5	175	5.64	2.76	7.49	0.49	5.24	7.20	9.8	86.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34637 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-165S			Date	5-5-21
Project Name/Location		Ford LTP		Weather	46.0 degrees F and Cloudy. The wind is blowing N/NW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.61	Total Depth (ft-bmp)	6.29	Water Column (ft.)	1.68	Gallons in Well	0.27
		Pump Intake (ft-bmp)	6.11	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.11				
Sample Time: Label	13:55	Volume Purged	1.38 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	13:22						
Purge End	13:59						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:25	0	175	4.73	0.00	7.41	0.61	8.14	0.70	10.0	-15.9	Clear	No Odor
13:30	5	175	4.73	0.23	7.37	0.62	25.60	0.57	9.8	-46.8	Clear	No Odor
13:35	5	175	4.73	0.46	7.34	0.62	8.91	2.26	10.2	-41.3	Clear	No Odor
13:40	5	175	4.73	0.69	7.35	0.62	5.32	0.53	9.9	-43.2	Clear	No Odor
13:45	5	175	4.73	0.92	7.34	0.62	3.57	0.51	9.8	-45.0	Clear	No Odor
13:50	5	175	4.73	1.15	7.34	0.62	2.39	0.51	9.8	-45.9	Clear	No Odor
13:55	5	175	4.77	1.38	7.34	0.62	2.82	0.52	9.8	-45.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34669 Beacon, side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-166S			Date	5-6-21
Project Name/Location		Ford LTP		Weather	55.0 degrees F and Cloudy. The wind is blowing at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.48	Total Depth (ft-bmp)	10.57	Water Column (ft.)	3.09	Gallons in Well	0.50
		Pump Intake (ft-bmp)	8.98	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.12				
Sample Time: Label	14:41	Volume Purged	2.06 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	13:38						
Purge End	14:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:39	0	150	7.52	0.00	6.61	2.50	0.02	1.58	10.5	147.9	Clear	No Odor
13:44	5	130	7.52	0.20	6.89	2.30	0.02	0.35	10.1	131.7	Clear	No Odor
13:49	5	130	7.52	0.37	6.98	2.24	0.02	0.23	10.1	119.9	Clear	No Odor
13:54	5	120	7.52	0.54	7.03	2.24	0.02	0.23	10.2	108.4	Clear	No Odor
13:59	5	125	7.51	0.70	7.06	2.24	0.02	0.22	10.2	94.8	Clear	No Odor
14:04	5	125	7.51	0.87	7.08	2.23	0.02	0.24	10.2	78.2	Clear	No Odor
14:09	5	125	7.51	1.04	7.10	2.22	0.02	0.25	10.1	60.2	Clear	No Odor
14:14	5	125	7.51	1.21	7.11	2.20	0.02	0.29	10.1	45.4	Clear	No Odor
14:19	5	125	7.51	1.38	7.11	2.20	0.02	0.32	10.1	29.8	Clear	No Odor
14:24	5	125	7.51	1.55	7.12	2.19	0.02	0.31	10.1	17.6	Clear	No Odor
14:29	5	125	7.51	1.72	7.13	2.19	0.02	0.33	10.2	5.3	Clear	No Odor
14:34	5	125	7.51	1.89	7.14	2.17	0.02	0.40	10.2	-3.6	Clear	No Odor
14:39	5	125	7.51	2.06	7.13	2.17	0.02	0.38	10.3	-9.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12147 Stark; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-167S			Date	5-11-21
Project Name/Location	Ford LTP			Weather	46.0 degrees F and Partly Cloudy. The wind is blowing NW at 16.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.19	Total Depth (ft-bmp)	9.20	Water Column (ft.)	3.01	Gallons in Well	0.49
		Pump Intake (ft-bmp)	7.69	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.04				
Sample Time: Label	11:55	Volume Purged	1.98 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:57						
Purge End	12:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:58	0	140	6.29	0.00	6.64	0.74	447.00	5.79	11.9	214.9	Cloudy	No Odor
11:03	5	140	6.31	0.18	7.10	0.65	391.00	4.97	11.6	206.3	Cloudy	No Odor
11:08	5	140	6.31	0.36	6.98	0.70	253.00	4.52	11.5	211.2	Cloudy	No Odor
11:13	5	140	6.31	0.54	6.89	0.84	70.00	3.03	10.8	205.8	Cloudy	No Odor
11:18	5	140	6.31	0.72	6.89	0.88	29.90	2.59	10.7	199.1	Clear	No Odor
11:23	5	140	6.31	0.90	6.93	0.89	22.50	2.49	11.1	192.8	Clear	No Odor
11:28	5	140	6.31	1.08	6.99	0.89	15.80	2.52	10.7	186.5	Clear	No Odor
11:33	5	140	6.31	1.26	6.98	0.89	10.00	2.44	10.9	184.4	Clear	No Odor
11:38	5	140	6.31	1.44	7.00	0.90	5.69	2.47	11.0	181.1	Clear	No Odor
11:43	5	140	6.31	1.62	7.02	0.90	4.01	2.52	10.8	176.9	Clear	No Odor
11:48	5	140	6.31	1.80	7.01	0.90	2.82	2.49	10.9	175.6	Clear	No Odor
11:53	5	140	6.31	1.98	7.03	0.90	1.29	2.53	10.9	172.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12001 Stark; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-168S			Date	5-19-21
Project Name/Location		Ford LTP		Weather	75.9 degrees F and Mostly Cloudy. The wind is blowing S at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.99	Total Depth (ft-bmp)	6.77	Water Column (ft.)	2.78	Gallons in Well	0.45
		Pump Intake (ft-bmp)	5.49	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.07				
Sample Time: Label	12:57	Volume Purged	1.38 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	12:24						
Purge End	13:01						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:25	0	175	4.06	0.00	7.28	1.02	5.22	1.61	12.8	0.9	Clear	No Odor
12:30	5	175	4.06	0.23	7.27	1.01	3.44	0.91	12.7	-2.0	Clear	No Odor
12:35	5	175	4.06	0.46	7.28	1.00	2.34	1.07	12.3	-2.9	Clear	No Odor
12:40	5	175	4.06	0.69	7.27	1.00	1.69	1.13	12.1	-4.5	Clear	No Odor
12:45	5	175	4.06	0.92	7.28	1.00	1.25	1.42	12.3	-8.9	Clear	No Odor
12:50	5	175	4.06	1.15	7.27	1.00	0.28	1.39	12.1	-10.2	Clear	No Odor
12:55	5	175	4.06	1.38	7.27	1.01	1.72	1.34	12.1	-11.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34480 Capitol, front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-169S			Date	5-19-21
Project Name/Location	Ford LTP			Weather	80.1 degrees F and Mostly Cloudy. The wind is blowing S/SE at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.76	Total Depth (ft-bmp)	6.56	Water Column (ft.)	2.80	Gallons in Well	0.45
		Pump Intake (ft-bmp)	5.26	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.07				
Sample Time: Label	14:00	Volume Purged	1.38 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	13:29						
Purge End	14:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:30	0	175	3.79	0.00	7.35	1.04	21.30	0.37	13.6	-27.9	Clear	No Odor
13:35	5	175	3.79	0.23	7.25	1.03	13.40	0.29	13.7	-31.8	Clear	No Odor
13:40	5	175	3.79	0.46	7.25	1.01	5.78	0.12	13.3	-32.2	Clear	No Odor
13:45	5	175	3.79	0.69	7.24	1.01	4.34	0.10	12.9	-32.4	Clear	No Odor
13:50	5	175	3.79	0.92	7.24	1.01	4.50	0.09	12.8	-33.0	Clear	No Odor
13:55	5	175	3.79	1.15	7.24	1.01	3.12	0.08	12.8	-33.7	Clear	No Odor
14:00	5	175	3.79	1.38	7.24	1.01	1.96	0.11	13.0	-34.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34450 Capitol, front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-170S			Date	5-4-21
Project Name/Location	Ford LTP			Weather	60.1 degrees F and Mostly Cloudy. The wind is blowing W at 16.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.95	Total Depth (ft-bmp)	9.52	Water Column (ft.)	2.57	Gallons in Well	0.42
		Pump Intake (ft-bmp)	8.45	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.86				
Sample Time: Label	10:12	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	9:24						
Purge End	10:16						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:25	0	150	6.99	0.00	7.49	1.48	1.83	0.92	11.0	127.9	Clear	No Odor
9:30	5	175	6.99	0.20	7.42	1.61	7.84	0.57	11.1	123.3	Clear	No Odor
9:35	5	175	6.99	0.43	7.41	1.87	2.63	0.61	11.2	114.1	Clear	No Odor
9:40	5	175	6.96	0.66	7.45	2.08	0.02	0.54	11.1	104.0	Clear	No Odor
9:45	5	175	6.96	0.89	7.45	2.20	0.02	0.49	11.0	81.1	Clear	No Odor
9:50	5	175	6.96	1.12	7.43	2.26	0.02	0.48	11.0	17.4	Clear	No Odor
9:55	5	175	6.96	1.35	7.40	2.32	0.02	0.47	11.0	-55.7	Clear	No Odor
10:00	5	175	6.96	1.58	7.40	2.36	0.02	0.45	11.0	-75.9	Clear	No Odor
10:05	5	175	6.96	1.81	7.42	2.40	0.02	0.47	11.0	-84.5	Clear	No Odor
10:10	5	175	6.96	2.04	7.42	2.41	0.02	0.49	11.1	-85.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34991 Beacon, backyard	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-171S			Date	5-19-21
Project Name/Location		Ford LTP		Weather	71.1 degrees F and Mostly Cloudy. The wind is blowing S at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.01	Total Depth (ft-bmp)	6.42	Water Column (ft.)	2.41	Gallons in Well	0.39
		Pump Intake (ft-bmp)	5.51	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.72				
Sample Time:	Label 11:15	Volume Purged	1.84 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
	Purge Start 10:34						
	Purge End 11:21						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:35	0	175	4.05	0.00	7.25	1.40	18.70	3.13	14.2	-64.1	Clear	No Odor
10:40	5	175	4.05	0.23	7.20	1.34	42.90	2.82	12.7	-62.8	Clear, Small Orange Particulates	No Odor
10:45	5	175	4.05	0.46	7.21	1.33	33.00	0.94	12.6	-63.2	Clear, Small Orange Particulates	No Odor
10:50	5	175	4.05	0.69	7.21	1.33	12.90	1.00	12.5	-63.9	Clear, Small Orange Particulates	No Odor
10:55	5	175	4.05	0.92	7.20	1.34	6.30	0.16	12.4	-64.7	Clear	No Odor
11:00	5	175	4.05	1.15	7.20	1.34	6.23	0.07	12.3	-66.1	Clear	No Odor
11:05	5	175	4.05	1.38	7.20	1.35	3.09	0.06	12.4	-66.3	Clear	No Odor
11:10	5	175	4.05	1.61	7.20	1.35	2.70	0.06	12.3	-66.4	Clear	No Odor
11:15	5	175	4.05	1.84	7.20	1.35	3.54	0.07	12.2	-66.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12101 Brewster, backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-172S			Date	5-12-21
Project Name/Location		Ford LTP		Weather	54.0 degrees F and Clear. The wind is blowing at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.28	Total Depth (ft-bmp)	8.85	Water Column (ft.)	2.57	Gallons in Well	0.42
		Pump Intake (ft-bmp)	7.78	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.10				
Sample Time: Label	11:56	Volume Purged	1.3 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:02						
Purge End	12:02						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	100	6.30	0.00	7.54	0.53	152.00	1.25	11.3	62.3	Brown, Cloudy	Faint Odor
11:10	5	100	6.30	0.13	7.58	0.53	82.60	1.49	11.3	28.2	Brown, Cloudy	No Odor
11:15	5	100	6.30	0.26	7.58	0.52	49.90	1.28	11.2	-0.9	Brown, Turbid	No Odor
11:20	5	100	6.30	0.39	7.60	0.52	27.50	1.37	11.1	-29.5	Brown, Turbid	No Odor
11:25	5	100	6.30	0.52	7.62	0.51	12.80	1.40	11.2	-43.8	Clear	No Odor
11:30	5	100	6.30	0.65	7.64	0.51	9.77	1.42	11.0	-48.9	Clear	No Odor
11:35	5	100	6.30	0.78	7.64	0.50	6.44	1.47	11.1	-47.5	Clear	No Odor
11:40	5	100	6.30	0.91	7.66	0.50	5.17	1.50	11.1	-48.5	Clear	No Odor
11:45	5	100	6.30	1.04	7.65	0.50	4.34	1.52	11.1	-49.6	Clear	No Odor
11:50	5	100	6.30	1.17	7.67	0.50	3.58	1.57	11.1	-48.7	Clear	No Odor
11:55	5	100	6.30	1.30	7.67	0.50	3.25	1.57	11.1	-50.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	11701 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-173S			Date	5-12-21
Project Name/Location		Ford LTP		Weather	59.0 degrees F and Mostly Clear. The wind is blowing NE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.75	Total Depth (ft-bmp)	10.22	Water Column (ft.)	3.47	Gallons in Well	0.56
		Pump Intake (ft-bmp)	8.25	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.79				
Sample Time: Label	14:01	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:57						
Purge End	14:11						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:00	0	100	6.80	0.00	7.62	0.55	200.00	1.21	11.7	-23.6	Brown, Cloudy	No Odor
13:05	5	100	6.80	0.13	7.53	0.56	159.00	1.46	11.7	62.8	Brown, Cloudy	No Odor
13:10	5	100	6.80	0.26	7.56	0.56	69.70	1.72	12.0	-72.7	Brown, Turbid	No Odor
13:15	5	100	6.80	0.39	7.58	0.57	47.90	1.91	12.0	-74.4	Brown, Turbid	No Odor
13:20	5	100	6.80	0.52	7.69	0.57	40.00	2.03	11.9	-70.3	Brown, Turbid	No Odor
13:25	5	100	6.80	0.65	7.69	0.58	35.90	2.00	12.2	-71.0	Brown, Turbid	No Odor
13:30	5	100	6.80	0.78	7.68	0.58	29.00	2.01	12.3	-69.3	Brown, Turbid	No Odor
13:35	5	100	6.80	0.91	7.68	0.58	22.80	2.13	12.1	-65.8	Brown, Clear	No Odor
13:40	5	100	6.80	1.04	7.67	0.57	18.60	2.15	11.7	-64.2	Clear	No Odor
13:45	5	100	6.80	1.17	7.68	0.57	15.30	2.14	11.9	-62.3	Clear	No Odor
13:50	5	100	6.80	1.30	7.68	0.57	10.70	2.20	12.0	-59.4	Clear	No Odor
13:55	5	100	6.80	1.43	7.67	0.57	11.40	2.18	11.7	-58.9	Clear	No Odor
14:00	5	100	6.80	1.56	7.67	0.57	9.38	2.13	11.5	-58.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	11721 Boston Post; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-174S			Date	5-14-21
Project Name/Location		Ford LTP		Weather	66.0 degrees F and Clear. The wind is blowing W/NW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.41	Total Depth (ft-bmp)	8.58	Water Column (ft.)	0.17	Gallons in Well	0.03
		Pump Intake (ft-bmp)	8.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	30.33				
Sample Time: Label	12:44	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:06						
Purge End	12:57						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:08	0	100	8.42	0.00	7.15	0.55	7.03	1.55	11.1	5.6	Clear, Small Brown Particulates	No Odor
12:13	5	100	8.42	0.13	7.28	0.56	0.02	1.28	11.0	-3.9	Clear	No Odor
12:18	5	100	8.42	0.26	7.34	0.56	0.02	1.49	11.3	0.2	Clear	No Odor
12:23	5	100	8.42	0.39	7.36	0.57	0.02	1.49	11.1	5.7	Clear	No Odor
12:28	5	100	8.42	0.52	7.39	0.57	0.02	1.47	10.9	14.6	Clear	No Odor
12:33	5	100	8.42	0.65	7.39	0.56	0.02	1.42	10.9	15.5	Clear	No Odor
12:38	5	100	8.42	0.78	7.39	0.56	0.02	1.35	11.0	19.5	Clear	No Odor
12:43	5	100	8.42	0.91	7.40	0.56	0.02	1.34	11.0	24.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	11865 Boston Post; front yard north end	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-176S			Date	5-13-21
Project Name/Location		Ford LTP		Weather	61.0 degrees F and Clear. The wind is blowing S/SW at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.05	Total Depth (ft-bmp)	9.27	Water Column (ft.)	2.22	Gallons in Well	0.36
		Pump Intake (ft-bmp)	8.55	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.53				
Sample Time: Label	12:36	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:57						
Purge End	12:44						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:00	0	100	7.05	0.00	7.58	0.53	0.28	0.77	11.2	55.5	Clear	No Odor
12:05	5	100	7.06	0.13	7.58	0.52	0.57	0.72	11.1	10.5	Clear	No Odor
12:10	5	100	7.06	0.26	7.59	0.52	0.58	0.74	11.0	-13.2	Clear	No Odor
12:15	5	100	7.06	0.39	7.63	0.51	0.65	0.80	11.2	-26.1	Clear	No Odor
12:20	5	100	7.06	0.52	7.64	0.51	0.44	0.75	11.3	-24.0	Clear	No Odor
12:25	5	100	7.06	0.65	7.65	0.51	0.41	0.74	11.1	-40.1	Clear	No Odor
12:30	5	100	7.06	0.78	7.65	0.51	0.24	0.75	11.2	-44.4	Clear	No Odor
12:35	5	100	7.06	0.91	7.65	0.51	0.61	0.77	11.2	-47.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	11845 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-177S			Date	5-18-21
Project Name/Location		Ford LTP		Weather	75.0 degrees F and Partly Cloudy. The wind is blowing S/SE at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.42	Total Depth (ft-bmp)	8.21	Water Column (ft.)	1.79	Gallons in Well	0.29
		Pump Intake (ft-bmp)	7.92	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.14				
Sample Time: Label	14:46	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:07						
Purge End	14:52						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:10	0	100	6.60	0.00	7.22	0.77	7.91	0.57	11.9	47.4	Clear	No Odor
14:15	5	100	6.60	0.13	7.20	0.77	6.87	0.40	11.8	46.6	Clear	No Odor
14:20	5	100	6.60	0.26	7.20	0.77	7.43	0.40	11.8	46.0	Clear	No Odor
14:25	5	100	6.60	0.39	7.18	0.77	6.48	0.65	11.7	44.8	Clear	No Odor
14:30	5	100	6.62	0.52	7.19	0.77	4.32	0.93	11.6	40.8	Clear	No Odor
14:35	5	100	6.62	0.65	7.19	0.76	3.32	1.21	11.6	36.0	Clear	No Odor
14:40	5	100	6.62	0.78	7.19	0.76	2.65	1.26	11.7	32.4	Clear	No Odor
14:45	5	100	6.62	0.91	7.20	0.76	0.88	1.30	11.5	26.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Casing is chipped at top; j-plug does not seal properly

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	11866 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-178S			Date	5-14-21
Project Name/Location		Ford LTP		Weather	55.9 degrees F and Clear. The wind is blowing W at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.30	Total Depth (ft-bmp)	8.83	Water Column (ft.)	2.53	Gallons in Well	0.41
		Pump Intake (ft-bmp)	7.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.80				
Sample Time: Label	11:21	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:17						
Purge End	11:28						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	100	6.32	0.00	7.01	0.62	46.70	0.70	10.7	96.7	Brown, Turbid	No Odor
10:25	5	100	6.33	0.13	6.99	0.61	40.00	0.66	10.7	75.5	Brown, Turbid	No Odor
10:30	5	100	6.33	0.26	7.02	0.61	31.90	0.68	10.7	57.8	Brown, Turbid	No Odor
10:35	5	100	6.33	0.39	7.08	0.61	26.30	0.68	10.8	34.3	Brown, Clear	No Odor
10:40	5	100	6.33	0.52	7.14	0.61	20.70	0.71	10.7	18.8	Brown, Clear	No Odor
10:45	5	100	6.33	0.65	7.16	0.61	16.00	0.67	10.8	10.2	Clear	No Odor
10:50	5	100	6.33	0.78	7.19	0.61	10.70	0.65	10.9	4.2	Clear	No Odor
10:55	5	100	6.33	0.91	7.21	0.61	7.28	0.67	10.8	1.6	Clear	No Odor
11:00	5	100	6.33	1.04	7.22	0.62	7.54	0.67	11.0	-1.8	Clear	No Odor
11:05	5	100	6.33	1.17	7.24	0.62	5.41	0.70	11.0	-5.7	Clear	No Odor
11:10	5	100	6.33	1.30	7.24	0.62	5.05	0.68	11.1	-9.0	Clear	No Odor
11:15	5	100	6.33	1.43	7.26	0.62	4.09	0.68	11.1	-12.0	Clear	No Odor
11:20	5	100	6.33	1.56	7.25	0.62	3.72	0.67	11.1	-14.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	11850 Boston Post; east side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-179S			Date	5-10-21
Project Name/Location		Ford LTP		Weather	51.1 degrees F and Cloudy. The wind is blowing W/NW at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.37	Total Depth (ft-bmp)	10.89	Water Column (ft.)	2.52	Gallons in Well	0.41
		Pump Intake (ft-bmp)	9.87	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.34				
Sample Time: Label	13:36	Volume Purged	0.96 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:03						
Purge End	13:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:05	0	120	84.00	0.00	7.86	0.21	2.90	2.90	10.9	124.5	Clear	No Odor
13:10	5	120	8.40	0.16	7.85	0.21	2.53	2.60	11.0	125.3	Clear	No Odor
13:15	5	120	8.40	0.32	7.91	0.21	1.38	1.78	11.2	124.5	Clear	No Odor
13:20	5	120	8.40	0.48	7.93	0.21	1.09	1.49	11.3	123.4	Clear	No Odor
13:25	5	120	8.40	0.64	7.92	0.21	0.93	1.63	11.3	123.1	Clear	No Odor
13:30	5	120	8.40	0.80	7.92	0.21	0.87	1.56	11.3	122.8	Clear	No Odor
13:35	5	120	8.40	0.96	7.92	0.21	0.51	1.59	11.1	122.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34870 Wadsworth; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-180SR			Date	5-7-21
Project Name/Location		Ford LTP		Weather	52.0 degrees F and Partly Cloudy. The wind is blowing at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-11.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.20	Total Depth (ft-bmp)	11.02	Water Column (ft.)	2.82	Gallons in Well	0.46
		Pump Intake (ft-bmp)	9.70	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.43				
Sample Time: Label	13:26	Volume Purged	1.12 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:47						
Purge End	13:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:50	0	120	8.24	0.00	7.86	0.25	1.40	5.85	12.6	129.8	Clear	No Odor
12:55	5	120	8.24	0.16	7.87	0.26	1.45	5.66	12.4	131.4	Clear	No Odor
13:00	5	120	8.24	0.32	7.88	0.26	1.64	5.91	12.5	132.4	Clear	No Odor
13:05	5	120	8.25	0.48	7.89	0.26	1.41	5.84	12.4	133.7	Clear	No Odor
13:10	5	120	8.25	0.64	7.91	0.26	0.51	5.56	12.5	133.6	Clear	No Odor
13:15	5	120	8.25	0.80	7.91	0.26	0.75	5.43	12.1	135.3	Clear	No Odor
13:20	5	120	8.25	0.96	7.90	0.26	1.13	5.41	12.1	136.7	Clear	No Odor
13:25	5	120	8.25	1.12	7.91	0.26	0.70	5.32	12.3	137.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34891 Wadsworth; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-181S			Date	5-5-21
Project Name/Location		Ford LTP		Weather	46.0 degrees F and Cloudy. The wind is blowing N/NW at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.5-8.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.67	Total Depth (ft-bmp)	8.58	Water Column (ft.)	1.91	Gallons in Well	0.31
		Pump Intake (ft-bmp)	8.17	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.87				
Sample Time: Label	13:06	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:22						
Purge End	13:13						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:25	0	110	6.70	0.00	7.26	3.22	33.90	0.41	9.8	-64.8	Turbid	No Odor
12:30	5	110	6.70	0.15	7.34	3.11	13.10	0.37	9.9	-62.0	Clear	No Odor
12:35	5	110	6.70	0.30	7.36	3.03	9.22	0.43	9.9	-56.8	Clear	No Odor
12:40	5	110	6.70	0.45	7.37	2.98	7.48	0.48	9.9	-53.1	Clear	No Odor
12:45	5	110	6.70	0.60	7.38	2.94	5.94	0.54	9.9	-49.1	Clear	No Odor
12:50	5	110	6.70	0.75	7.38	2.89	4.04	0.72	10.0	-45.5	Clear	No Odor
12:55	5	110	6.70	0.90	7.38	2.84	3.39	0.73	10.1	-42.2	Clear	No Odor
13:00	5	110	6.70	1.05	7.38	2.80	3.31	0.73	10.1	-40.7	Clear	No Odor
13:05	5	110	6.70	1.20	7.38	2.77	2.07	0.78	10.2	-38.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Vault filled with dirt. Dug out dirt before removing J-plug.

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34990 Wadsworth; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-182S			Date	5-5-21
Project Name/Location		Ford LTP		Weather	45.0 degrees F and Cloudy. The wind is blowing N/NW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.36	Total Depth (ft-bmp)	8.79	Water Column (ft.)	2.43	Gallons in Well	0.39
		Pump Intake (ft-bmp)	7.86	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.00				
Sample Time: Label	11:16	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:42						
Purge End	11:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:45	0	100	6.46	0.00	7.54	0.48	2.40	2.98	10.7	146.4	Clear	No Odor
10:50	5	100	6.49	0.13	7.54	0.48	0.85	2.37	10.8	145.5	Clear	No Odor
10:55	5	100	6.50	0.26	7.54	0.48	0.26	2.14	10.8	144.6	Clear	No Odor
11:00	5	100	6.50	0.39	7.54	0.48	0.43	1.83	10.8	143.4	Clear	No Odor
11:05	5	100	6.50	0.52	7.55	0.48	0.02	1.55	10.7	142.0	Clear	No Odor
11:10	5	100	6.51	0.65	7.54	0.48	0.02	1.54	10.8	141.0	Clear	No Odor
11:15	5	100	6.51	0.78	7.54	0.48	0.02	1.45	10.8	140.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34766 Standish; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-183S			Date	5-4-21
Project Name/Location		Ford LTP		Weather	62.1 degrees F and Cloudy. The wind is blowing W/NW at 16.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.42	Total Depth (ft-bmp)	12.70	Water Column (ft.)	3.28	Gallons in Well	0.53
		Pump Intake (ft-bmp)	10.92	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.62				
Sample Time: Label	12:21	Volume Purged	1.92 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:17						
Purge End	12:30						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	120	9.44	0.00	7.42	0.43	46.40	6.56	11.0	145.3	Turbid	No Odor
11:25	5	120	9.44	0.16	7.38	0.45	48.30	5.57	11.0	128.6	Turbid	No Odor
11:30	5	120	9.44	0.32	7.43	0.47	57.00	5.28	11.0	107.6	Turbid	No Odor
11:35	5	120	9.44	0.48	7.46	0.48	49.40	5.12	10.9	103.4	Turbid	No Odor
11:40	5	120	9.44	0.64	7.47	0.49	43.10	5.06	10.9	102.7	Turbid	No Odor
11:45	5	120	9.44	0.80	7.48	0.49	40.00	5.07	10.9	104.6	Turbid	No Odor
11:50	5	120	9.44	0.96	7.48	0.49	36.40	5.03	10.8	107.7	Clear	No Odor
11:55	5	120	9.44	1.12	7.50	0.50	29.50	4.96	10.9	110.3	Clear	No Odor
12:00	5	120	9.44	1.28	7.50	0.50	25.10	4.85	11.0	112.6	Clear	No Odor
12:05	5	120	9.44	1.44	7.51	0.50	21.70	4.81	10.9	114.0	Clear	No Odor
12:10	5	120	9.44	1.60	7.51	0.50	18.70	4.78	10.9	114.8	Clear	No Odor
12:15	5	120	9.44	1.76	7.52	0.50	16.00	4.68	10.9	116.0	Clear	No Odor
12:20	5	120	9.44	1.92	7.51	0.50	15.50	4.67	10.9	116.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34934 Standish	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-184S			Date	5-19-21
Project Name/Location		Ford LTP		Weather	83 degrees, sun and clouds, wind 5-8 MPH		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.20	Total Depth (ft-bmp)	7.64	Water Column (ft.)	0.44	Gallons in Well	0.07
		Pump Intake (ft-bmp)	7.42	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	13.00				
Sample Time: Label	10:21	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:43						
Purge End	10:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:45	0	100	7.21	0.00	6.83	0.52	8.08	0.58	11.5	123.3	Clear	No Odor
9:50	5	100	7.21	0.13	7.03	0.54	3.74	0.35	11.2	115.9	Clear	No Odor
9:55	5	100	7.21	0.26	7.22	0.59	1.39	0.29	11.3	106.5	Clear	No Odor
10:00	5	100	7.21	0.39	7.30	0.62	1.25	0.27	11.2	100.4	Clear	No Odor
10:05	5	100	7.21	0.52	7.33	0.64	0.50	0.25	11.2	95.9	Clear	No Odor
10:10	5	100	7.21	0.65	7.36	0.64	0.51	0.25	11.6	90.9	Clear	No Odor
10:15	5	100	7.21	0.78	7.37	0.65	0.76	0.23	11.6	88.0	Clear	No Odor
10:20	5	100	7.21	0.91	7.39	0.65	0.71	0.22	11.6	85.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	11981 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-185S			Date	5-5-21
Project Name/Location		Ford LTP		Weather	45 cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.37	Total Depth (ft-bmp)	10.55	Water Column (ft.)	2.18	Gallons in Well	0.35
		Pump Intake (ft-bmp)	9.87	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.26				
Sample Time: Label	11:35	Volume Purged	1.84 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	10:54						
Purge End	11:42						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:55	0	175	8.42	0.00	8.39	0.27	1.40	6.82	11.0	6.5	Clear	Slight Odor
11:00	5	175	8.42	0.23	8.25	0.29	2.17	4.42	11.1	18.1	Clear	Slight Odor
11:05	5	175	8.42	0.46	7.16	0.67	1.94	0.98	11.3	-6.6	Clear	Slight Odor
11:10	5	175	8.42	0.69	7.11	0.74	1.73	0.74	11.3	-54.9	Clear	Slight Odor
11:15	5	175	8.42	0.92	7.11	0.76	1.56	0.59	11.3	-59.8	Clear	Slight Odor
11:20	5	175	8.42	1.15	7.12	0.77	1.06	0.54	11.3	-61.9	Clear	Slight Odor
11:25	5	175	8.42	1.38	7.12	0.79	0.02	0.46	11.3	-62.1	Clear	Slight Odor
11:30	5	175	8.42	1.61	7.12	0.79	0.02	0.44	11.3	-61.9	Clear	No Odor
11:35	5	175	8.42	1.84	7.12	0.80	0.02	0.38	11.4	-60.9	Clear	Slight Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34921 Beacon, front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-186S			Date	5-21-21
Project Name/Location		Ford LTP		Weather	66.9 degrees F and Cloudy. The wind is blowing S/SW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.50	Total Depth (ft-bmp)	7.73	Water Column (ft.)	3.23	Gallons in Well	0.52
		Pump Intake (ft-bmp)	6.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.10				
Sample Time: Label	10:03	Volume Purged	1.61 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	9:18						
Purge End	10:07						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:19	0	175	4.53	0.00	6.42	1.03	18.40	2.06	12.1	131.6	Clear	No Odor
9:24	5	135	4.52	0.23	6.26	1.04	15.00	0.37	11.7	104.5	Clear	No Odor
9:29	5	150	4.53	0.41	6.38	1.05	8.87	0.16	11.5	85.6	Clear	No Odor
9:34	5	150	4.53	0.61	6.45	1.05	3.88	0.07	11.5	72.4	Clear	No Odor
9:39	5	150	4.53	0.81	6.52	1.05	5.03	0.03	11.6	62.1	Clear	No Odor
9:44	5	150	4.53	1.01	6.56	1.05	5.26	0.03	11.3	55.1	Clear	No Odor
9:49	5	150	4.54	1.21	6.57	1.05	3.63	0.07	11.3	49.7	Clear	No Odor
9:54	5	150	4.54	1.41	6.60	1.05	4.37	0.01	11.4	44.2	Clear	No Odor
9:59	5	150	4.54	1.61	6.62	1.05	4.23	0.01	11.5	40.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12321 Stark behind parking lot	Well Locked at Arrival:	yes
Condition of Well:	Fair,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-187			Date	5-20-21
Project Name/Location	Ford LTP			Weather	84.0 degrees F and Mostly Cloudy. The wind is blowing S at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.08	Total Depth (ft-bmp)	12.74	Water Column (ft.)	6.66	Gallons in Well	1.08
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.88				
Sample Time: Label	15:34	Volume Purged	2.03 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	14:40						
Purge End	15:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:41	0	175	6.11	0.00	6.41	0.99	35.20	1.72	14.3	92.0	Clear, Small Orange Particulates	No Odor
14:46	5	150	6.11	0.23	6.21	0.96	14.20	0.22	14.9	75.7	Clear	No Odor
14:51	5	150	6.11	0.43	6.31	0.95	8.43	0.13	14.1	61.0	Clear	No Odor
14:56	5	150	6.11	0.63	6.37	0.95	7.60	0.09	14.7	48.2	Clear	No Odor
15:01	5	150	6.11	0.83	6.42	0.94	3.64	0.05	14.9	40.5	Clear	No Odor
15:06	5	150	6.11	1.03	6.48	0.95	4.86	0.02	14.1	32.7	Clear	No Odor
15:11	5	150	6.11	1.23	6.46	0.94	2.65	0.01	14.5	28.7	Clear	No Odor
15:16	5	150	6.11	1.43	6.51	0.95	8.03	0.01	14.2	22.1	Clear	No Odor
15:21	5	150	6.11	1.63	6.50	0.94	7.15	0.01	14.0	20.0	Clear	No Odor
15:26	5	150	6.11	1.83	6.50	0.95	6.88	0.00	14.1	17.1	Clear	No Odor
15:31	5	150	6.11	2.03	6.53	0.96	7.05	0.00	13.9	14.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12347 Stark back parking lot	Well Locked at Arrival:	yes
Condition of Well:	Missing bolts,Poor	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-187S			Date	5-20-21
Project Name/Location	Ford LTP			Weather	82.9 degrees F and Mostly Cloudy. The wind is blowing S at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.11	Total Depth (ft-bmp)	8.72	Water Column (ft.)	2.61	Gallons in Well	0.42
		Pump Intake (ft-bmp)	7.61	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.86				
Sample Time: Label	14:14	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	13:40						
Purge End	14:19						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:41	0	150	6.14	0.00	6.24	1.04	51.60	0.82	14.5	104.8	Cloudy	No Odor
13:46	5	150	6.15	0.20	6.12	1.01	20.90	0.18	14.0	98.4	Clear	No Odor
13:51	5	150	6.15	0.40	6.23	0.99	14.40	0.05	14.2	90.0	Clear	No Odor
13:56	5	150	6.15	0.60	6.31	0.99	9.66	0.03	13.7	83.0	Clear	No Odor
14:01	5	150	6.15	0.80	6.34	0.98	4.42	0.02	13.7	78.5	Clear	No Odor
14:06	5	150	6.15	1.00	6.39	0.98	2.70	0.01	13.7	73.5	Clear	No Odor
14:11	5	150	6.15	1.20	6.40	0.98	3.13	0.02	13.7	69.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Missing lid

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12347 Stark back parking lot	Well Locked at Arrival:	yes
Condition of Well:	Poor	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-188S			Date	5-21-21
Project Name/Location	Ford LTP			Weather	77.0 degrees F and Mostly Cloudy. The wind is blowing S/SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.72	Total Depth (ft-bmp)	7.50	Water Column (ft.)	1.78	Gallons in Well	0.29
		Pump Intake (ft-bmp)	7.22	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	7.10				
Sample Time: Label	11:37	Volume Purged	2.06 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:43						
Purge End	11:41						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:44	0	200	5.78	0.00	6.72	0.94	3.16	1.10	15.3	64.7	Clear	No Odor
10:49	5	150	5.77	0.26	6.41	0.93	3.34	0.17	14.9	52.8	Clear	No Odor
10:54	5	150	5.78	0.46	6.48	0.94	5.14	0.09	14.7	47.1	Clear	No Odor
10:59	5	150	5.78	0.66	6.50	0.94	6.25	0.06	14.6	46.5	Clear	No Odor
11:04	5	150	5.77	0.86	6.56	0.94	4.62	0.04	14.9	44.6	Clear	No Odor
11:09	5	150	5.77	1.06	6.57	0.94	6.78	0.04	14.7	44.5	Clear	No Odor
11:14	5	150	5.77	1.26	6.62	0.95	7.27	0.03	15.0	43.4	Clear	No Odor
11:19	5	150	5.77	1.46	6.63	0.95	6.94	0.02	15.2	43.8	Clear	No Odor
11:24	5	150	5.77	1.66	6.65	0.95	4.13	0.01	14.9	42.5	Clear	No Odor
11:29	5	150	5.77	1.86	6.61	0.95	4.77	0.01	14.7	45.2	Clear	No Odor
11:34	5	150	5.77	2.06	6.62	0.95	2.33	0.00	14.8	45.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12421 Stark back parking lot	Well Locked at Arrival:	yes
Condition of Well:	Missing bolts,Poor	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-189			Date	5-19-21
Project Name/Location	Ford LTP			Weather	71.1 degrees F and Mostly Cloudy. The wind is blowing S at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.26	Total Depth (ft-bmp)	13.95	Water Column (ft.)	7.69	Gallons in Well	1.25
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.09				
Sample Time: Label	11:40	Volume Purged	1.36 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	10:54						
Purge End	11:43						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:55	0	125	6.30	0.00	7.37	0.79	8.99	0.63	13.3	-82.1	Clear, Small Orange Particulates	No Odor
11:00	5	125	6.29	0.17	7.24	0.79	17.50	0.31	13.1	-91.0	Clear, Small Orange Particulates	No Odor
11:05	5	125	6.29	0.34	7.23	0.79	9.13	0.23	12.9	-95.4	Clear, Small Orange Particulates	No Odor
11:10	5	125	6.29	0.51	7.24	0.80	7.80	0.17	13.1	-97.9	Clear, Small Orange Particulates	No Odor
11:15	5	125	5.29	0.68	7.23	0.81	4.42	0.14	13.2	-100.8	Clear, Small Orange Particulates	No Odor
11:20	5	125	6.29	0.85	7.24	0.83	5.68	0.12	13.3	-101.4	Clear, Small Orange Particulates	No Odor
11:25	5	125	6.29	1.02	7.24	0.85	3.47	0.12	13.2	-102.0	Clear, Small Orange Particulates	No Odor
11:30	5	125	6.29	1.19	7.24	0.86	3.98	0.09	13.0	-102.6	Clear, Small Orange Particulates	No Odor
11:35	5	125	6.29	1.36	7.24	0.87	2.56	0.08	13.1	-102.5	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12641 Stark; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-189S			Date	5-19-21
Project Name/Location		Ford LTP		Weather	71.1 degrees F and Mostly Cloudy. The wind is blowing S at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.36	Total Depth (ft-bmp)	9.09	Water Column (ft.)	2.73	Gallons in Well	0.44
		Pump Intake (ft-bmp)	7.86	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.77				
Sample Time: Label	12:30	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	11:53						
Purge End	12:33						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:55	0	100	6.45	0.00	7.21	1.27	3.59	1.01	14.1	-38.8	Clear	No Odor
12:00	5	100	6.45	0.13	1.25	1.25	2.61	0.44	13.3	-40.4	Clear	No Odor
12:05	5	100	6.45	0.26	7.11	1.25	1.13	0.31	13.7	-36.9	Clear	No Odor
12:10	5	100	6.45	0.39	7.09	1.24	3.12	0.23	13.8	-33.4	Clear	No Odor
12:15	5	100	6.45	0.52	7.08	1.22	3.39	0.18	13.7	-30.5	Clear	No Odor
12:20	5	100	6.45	0.65	7.08	1.20	4.49	0.19	13.8	-27.0	Clear	No Odor
12:25	5	100	6.45	0.78	7.08	1.19	2.32	0.16	13.6	-22.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12641 Stark; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-190			Date	5-19-21
Project Name/Location		Ford LTP		Weather	71.1 degrees F and Mostly Cloudy. The wind is blowing S at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.31	Total Depth (ft-bmp)	13.36	Water Column (ft.)	9.05	Gallons in Well	1.47
		Pump Intake (ft-bmp)	11.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.06				
Sample Time:	Label 9:20	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
	Purge Start 8:16						
	Purge End 9:27						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:20	0	100	4.35	0.00	7.04	2.75	46.30	1.37	13.3	57.1	Cloudy	Faint Odor
8:25	5	100	4.32	0.13	7.08	2.60	58.70	0.37	13.3	-51.4	Cloudy	Faint Odor
8:30	5	100	4.32	0.26	7.09	2.52	64.70	0.21	13.3	-72.9	Cloudy	Faint Odor
8:35	5	100	4.32	0.39	7.09	2.43	70.30	0.12	13.1	-83.1	Cloudy	Faint Odor
8:40	5	100	4.32	0.52	7.10	2.39	53.70	0.08	13.0	-87.9	Cloudy	Faint Odor
8:45	5	100	4.32	0.65	7.10	2.37	40.10	0.05	13.0	-90.5	Cloudy	Faint Odor
8:50	5	100	4.32	0.78	7.11	2.35	26.20	0.06	13.0	-93.3	Cloudy	Faint Odor
8:55	5	100	4.32	0.91	7.11	2.34	25.50	0.05	13.0	-95.1	Cloudy	Faint Odor
9:00	5	100	4.32	1.04	7.12	2.34	19.60	0.05	13.0	-96.7	Cloudy	Faint Odor
9:05	5	100	4.32	1.17	7.12	2.35	14.40	0.03	13.0	-97.8	Clear	Faint Odor
9:10	5	100	4.32	1.30	7.12	2.36	7.58	0.03	13.0	-99.1	Clear	Faint Odor
9:15	5	100	4.32	1.43	7.12	2.36	7.36	0.04	13.0	-100.0	Clear	Faint Odor
9:20	5	100	4.32	1.56	7.12	2.37	5.17	0.03	13.0	-100.8	Clear	Faint Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12725 Fairlane; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-190S			Date	5-19-21
Project Name/Location	Ford LTP			Weather	71.1 degrees F and Mostly Cloudy. The wind is blowing S at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.32	Total Depth (ft-bmp)	7.80	Water Column (ft.)	3.48	Gallons in Well	0.57
		Pump Intake (ft-bmp)	5.82	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.82				
Sample Time: Label	10:20	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	9:38						
Purge End	10:27						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:40	0	100	4.33	0.00	7.25	0.80	74.10	0.31	15.6	-59.2	Cloudy, Small Orange Particulates,	Faint Odor
9:45	5	100	4.33	0.13	7.15	0.77	40.00	0.27	15.2	-56.4	Cloudy, Small Black Particulates,	Faint Odor
9:50	5	100	4.33	0.26	7.14	0.75	21.60	0.15	15.1	-55.8	Clear, Small Black Particulates,	Faint Odor
9:55	5	100	4.33	0.39	7.14	0.74	16.40	0.12	15.2	-56.1	Clear, Small Black Particulates,	No Odor
10:00	5	100	4.33	0.52	7.14	0.74	8.50	0.12	15.2	-56.8	Clear, Small Orange Particulates	No Odor
10:05	5	100	4.33	0.65	7.13	0.74	6.39	0.12	15.3	-56.0	Clear, Small Orange Particulates	No Odor
10:10	5	100	4.33	0.78	7.13	0.73	4.28	0.10	15.2	-55.2	Clear, Small Orange Particulates	No Odor
10:15	5	100	4.33	0.91	7.13	0.73	4.78	0.09	15.1	-56.1	Clear	No Odor
10:20	5	100	4.33	1.04	7.14	0.73	3.04	0.07	15.3	-56.5	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

All bolts broken and stuck in thread tabs

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12725 Fairlane; front yard	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-191S			Date	5-21-21
Project Name/Location		Ford LTP		Weather	71.1 degrees F and Mostly Cloudy. The wind is blowing S at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.17	Total Depth (ft-bmp)	6.78	Water Column (ft.)	2.61	Gallons in Well	0.42
		Pump Intake (ft-bmp)	5.67	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.48				
Sample Time: Label	12:26	Volume Purged	2.3 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	11:34						
Purge End	12:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:35	0	175	4.22	0.00	6.82	0.66	3.95	9.06	12.8	30.3	Clear	No Odor
11:40	5	175	4.22	0.23	6.72	0.64	0.65	0.66	12.5	0.8	Clear	No Odor
11:45	5	175	4.22	0.46	6.81	0.63	2.83	0.21	12.4	-17.8	Clear	No Odor
11:50	5	175	4.22	0.69	6.90	0.64	2.34	0.14	12.2	-28.0	Clear	No Odor
11:55	5	175	4.22	0.92	6.95	0.64	1.87	0.11	12.3	-33.5	Clear	No Odor
12:00	5	175	4.22	1.15	6.96	0.63	8.38	0.08	12.2	-49.1	Clear	No Odor
12:05	5	175	4.22	1.38	7.03	0.64	6.07	0.08	12.2	-54.7	Clear	No Odor
12:10	5	175	4.22	1.61	7.08	0.64	5.53	0.13	12.1	-54.4	Clear	No Odor
12:15	5	175	4.22	1.84	7.09	0.64	1.97	0.12	12.1	-52.4	Clear	No Odor
12:20	5	175	4.22	2.07	7.10	0.64	3.83	0.14	12.1	-51.4	Clear	No Odor
12:25	5	175	4.22	2.30	7.12	0.65	1.47	0.11	12.1	-51.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	35015 Glendale	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-193S			Date	5-4-21
Project Name/Location		Ford LTP		Weather	63.0 degrees F and Mostly Cloudy. The wind is blowing W at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.76	Total Depth (ft-bmp)	7.33	Water Column (ft.)	2.57	Gallons in Well	0.42
		Pump Intake (ft-bmp)	6.26	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.29				
Sample Time: Label	15:40	Volume Purged	1.38 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	15:09						
Purge End	15:44						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:10	0	175	4.76	0.00	7.03	0.65	1.01	0.40	11.2	-114.2	Clear, Small Black Particulates	No Odor
15:15	5	175	4.76	0.23	7.04	0.64	0.79	0.38	11.2	-111.1	Clear, Small Black Particulates	No Odor
15:20	5	175	4.76	0.46	7.05	0.65	0.64	0.38	11.4	-107.4	Clear, Small Black Particulates	No Odor
15:25	5	175	4.76	0.69	7.07	0.65	0.02	0.41	11.4	-105.4	Clear, Small Black Particulates	No Odor
15:30	5	175	4.76	0.92	7.08	0.65	0.02	0.39	11.4	-103.9	Clear, Small Black Particulates	No Odor
15:35	5	175	4.67	1.15	7.08	0.65	0.02	0.41	11.5	-102.5	Clear, Small Black Particulates	No Odor
15:40	5	175	4.67	1.38	7.08	0.65	0.02	0.37	11.5	-100.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34940 Beacon, front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-207S			Date	5-7-21
Project Name/Location	Ford LTP			Weather	45.0 degrees F and Haze. The wind is blowing N/NW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.98	Total Depth (ft-bmp)	8.80	Water Column (ft.)	0.82	Gallons in Well	0.13
		Pump Intake (ft-bmp)	8.39	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	11.62				
Sample Time: Label	9:48	Volume Purged	1.51 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	9:05						
Purge End	9:55						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:06	0	150	8.09	0.00	7.13	0.48	102.00	8.02	12.4	233.4	Cloudy	No Odor
9:11	5	125	8.12	0.20	7.07	0.49	21.30	6.07	11.6	224.5	Clear	No Odor
9:16	5	150	8.15	0.37	7.06	0.49	1.73	5.98	11.8	225.4	Clear	No Odor
9:21	5	150	8.18	0.57	7.22	0.51	0.02	5.95	11.9	215.1	Clear	No Odor
9:26	5	150	8.19	0.77	7.32	0.50	2.62	6.00	12.0	205.8	Clear	No Odor
9:31	5	150	8.21	0.97	7.29	0.53	0.02	5.88	12.0	202.8	Clear	No Odor
9:36	5	125	8.16	1.17	7.30	0.56	0.02	5.65	12.2	198.5	Clear	No Odor
9:41	5	125	8.15	1.34	7.33	0.55	0.02	5.51	12.3	194.1	Clear	No Odor
9:46	5	125	8.15	1.51	7.34	0.55	0.02	5.56	12.3	189.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12125 Stark; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-214S			Date	5-19-21
Project Name/Location		Ford LTP		Weather	62.1 degrees F and Cloudy. The wind is blowing ESE at 3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.95	Total Depth (ft-bmp)	10.90	Water Column (ft.)	2.95	Gallons in Well	0.48
		Pump Intake (ft-bmp)	9.45	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.31				
Sample Time: Label	9:50	Volume Purged	2.07 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	8:47						
Purge End	9:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:48	0	150	7.97	0.00	6.18	2.58	0.02	1.05	15.0	212.2	Clear	No Odor
8:53	5	130	7.98	0.20	6.32	2.57	0.02	0.22	14.6	179.4	Clear	No Odor
8:58	5	130	7.98	0.37	6.53	2.57	0.02	0.11	14.7	141.5	Clear	No Odor
9:03	5	130	7.98	0.54	6.64	2.56	0.02	0.04	14.7	120.1	Clear	No Odor
9:08	5	130	7.98	0.71	6.72	2.55	0.02	0.03	14.7	99.0	Clear	No Odor
9:13	5	130	7.98	0.88	6.74	2.55	0.02	0.02	14.6	88.8	Clear	No Odor
9:18	5	130	7.98	1.05	6.77	2.55	0.02	0.06	14.6	77.1	Clear	No Odor
9:23	5	130	7.98	1.22	6.79	2.54	0.02	0.03	14.7	66.8	Clear	No Odor
9:28	5	130	7.98	1.39	6.81	2.54	0.02	0.03	14.8	58.5	Clear	No Odor
9:33	5	130	7.98	1.56	6.82	2.54	0.02	0.02	14.7	50.9	Clear	No Odor
9:38	5	130	7.98	1.73	6.83	2.54	0.02	0.01	14.8	44.1	Clear	No Odor
9:43	5	130	7.98	1.90	6.84	2.54	0.02	0.04	14.6	37.6	Clear	No Odor
9:48	5	130	7.98	2.07	6.85	2.54	0.02	0.03	14.7	33.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12400 Belden parking lot	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-215S			Date	5-13-21
Project Name/Location		Ford LTP		Weather	61.0 degrees F and Clear. The wind is blowing S/SW at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.35	Total Depth (ft-bmp)	7.59	Water Column (ft.)	1.24	Gallons in Well	0.20
		Pump Intake (ft-bmp)	7.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.55				
Sample Time: Label	12:00	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	11:20						
Purge End	12:06						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:25	0	100	6.36	0.00	8.96	0.24	20.10	10.22	13.3	80.0	Clear	No Odor
11:30	5	100	6.36	0.13	8.70	0.22	10.80	8.56	12.9	96.3	Clear	No Odor
11:35	5	100	6.36	0.26	8.55	0.24	7.37	8.59	13.0	112.5	Clear	No Odor
11:40	5	100	6.36	0.39	8.33	0.25	7.18	8.13	13.0	129.0	Clear	No Odor
11:45	5	100	6.36	0.52	8.28	0.25	7.84	8.33	13.0	135.1	Clear	No Odor
11:50	5	100	6.36	0.65	8.24	0.25	4.76	8.36	12.8	142.6	Clear	No Odor
11:55	5	100	6.36	0.78	8.21	0.25	3.78	8.17	13.0	147.8	Clear	No Odor
12:00	5	100	6.36	0.91	8.19	0.25	3.36	8.22	13.1	151.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	35000 Plymouth; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-216S			Date	5-10-21
Project Name/Location	Ford LTP			Weather	48.9 degrees F and Mostly Clear. The wind is blowing W/NW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.71	Total Depth (ft-bmp)	10.41	Water Column (ft.)	1.70	Gallons in Well	0.28
		Pump Intake (ft-bmp)	10.21	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.86				
Sample Time: Label	12:16	Volume Purged	1.92 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:13						
Purge End	12:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:15	0	120	8.75	0.00	7.66	0.38	6.49	1.48	9.1	144.4	Clear	No Odor
11:20	5	120	8.77	0.16	7.65	0.38	6.28	1.25	9.1	143.4	Clear	No Odor
11:25	5	120	8.77	0.32	7.66	0.37	5.25	1.04	9.1	140.3	Clear	No Odor
11:30	5	120	8.77	0.48	7.67	0.36	3.91	0.89	9.1	135.7	Clear	No Odor
11:35	5	120	8.77	0.64	7.67	0.36	2.95	0.87	9.1	130.6	Clear	No Odor
11:40	5	120	8.77	0.80	7.68	0.36	2.01	0.79	9.2	125.4	Clear	No Odor
11:45	5	120	8.77	0.96	7.68	0.35	1.75	0.64	9.2	119.1	Clear	No Odor
11:50	5	120	8.77	1.12	7.68	0.35	1.50	0.67	9.2	112.8	Clear	No Odor
11:55	5	120	8.77	1.28	7.68	0.35	1.24	0.57	9.2	107.5	Clear	No Odor
12:00	5	120	8.77	1.44	7.68	0.35	1.31	0.58	9.2	102.3	Clear	No Odor
12:05	5	120	8.77	1.60	7.68	0.35	0.62	0.64	9.2	98.1	Clear	No Odor
12:10	5	120	8.77	1.76	7.68	0.35	0.48	0.66	9.3	95.0	Clear	No Odor
12:15	5	120	8.77	1.92	7.68	0.35	0.69	0.68	9.3	89.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	34851 Wadsworth; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-217S			Date	5-7-21
Project Name/Location		Ford LTP		Weather	54.0 degrees F and Mostly Cloudy. The wind is blowing S/SW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.93	Total Depth (ft-bmp)	10.20	Water Column (ft.)	2.27	Gallons in Well	0.37
		Pump Intake (ft-bmp)	9.43	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.65				
Sample Time:	Label 10:36	Volume Purged	1.35 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
	Purge Start 9:47						
	Purge End 10:43						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:50	0	110	7.95	0.00	7.03	0.55	9.29	0.90	9.1	88.1	Clear	No Odor
9:55	5	110	7.96	0.15	7.26	0.54	2.68	0.69	9.1	21.0	Clear	No Odor
10:00	5	110	7.96	0.30	7.36	0.53	2.23	0.77	9.0	2.9	Clear	No Odor
10:05	5	110	7.96	0.45	7.42	0.51	1.23	0.94	9.0	-0.3	Clear	No Odor
10:10	5	110	7.96	0.60	7.43	0.50	0.73	1.02	9.0	0.7	Clear	No Odor
10:15	5	110	7.96	0.75	7.43	0.50	0.19	1.07	9.0	0.9	Clear	No Odor
10:20	5	110	7.96	0.90	7.47	0.50	0.02	0.91	9.0	-1.2	Clear	No Odor
10:25	5	110	7.96	1.05	7.47	0.50	0.04	1.02	9.1	0.7	Clear	No Odor
10:30	5	110	7.96	1.20	7.51	0.50	0.03	1.01	9.1	0.5	Clear	No Odor
10:35	5	110	7.96	1.35	7.51	0.50	0.02	0.96	9.1	-0.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34935 Wadsworth; back yard	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-223S			Date	5-20-21
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Mostly Cloudy. The wind is blowing SE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.5-13.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.81	Total Depth (ft-bmp)	13.22	Water Column (ft.)	1.41	Gallons in Well	0.23
		Pump Intake (ft-bmp)	12.52	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	10.43				
Sample Time: Label	12:49	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	11:47						
Purge End	12:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:48	0	150	11.92	0.00	6.96	1.33	4.15	3.17	15.5	171.4	Clear	No Odor
11:53	5	150	11.96	0.20	6.70	1.31	10.20	1.07	14.9	179.6	Clear	No Odor
11:58	5	125	11.99	0.40	6.77	1.30	9.83	0.64	14.7	176.5	Clear	No Odor
12:03	5	150	11.99	0.57	6.80	1.33	7.73	0.46	14.8	168.9	Clear	No Odor
12:08	5	150	11.99	0.77	6.87	1.36	4.47	0.45	14.8	152.4	Clear	No Odor
12:13	5	150	11.99	0.97	6.91	1.38	2.16	0.44	14.8	143.3	Clear	No Odor
12:18	5	150	11.99	1.17	6.93	1.38	0.62	0.41	14.8	126.2	Clear	No Odor
12:23	5	150	11.99	1.37	6.98	1.37	1.82	0.44	15.2	116.9	Clear	No Odor
12:28	5	150	11.98	1.57	6.99	1.35	0.17	0.43	14.7	108.7	Clear	No Odor
12:33	5	150	11.98	1.77	6.96	1.34	2.97	0.44	15.1	101.5	Clear	No Odor
12:38	5	150	11.97	1.97	6.96	1.32	3.18	0.49	14.7	93.3	Clear	No Odor
12:43	5	175	12.00	2.17	6.98	1.32	3.28	0.42	14.6	87.7	Clear	No Odor
12:48	5	175	12.00	2.40	6.97	1.31	0.21	0.45	14.6	86.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	35000 Plymouth parking lot	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-225S			Date	5-5-21
Project Name/Location		Ford LTP		Weather	44.1 degrees F and Cloudy. The wind is blowing NW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.23	Total Depth (ft-bmp)	9.52	Water Column (ft.)	2.29	Gallons in Well	0.37
		Pump Intake (ft-bmp)	8.73	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.46				
Sample Time: Label	10:01	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:22						
Purge End	10:08						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:25	0	100	7.75	0.00	7.31	0.41	40.00	6.69	9.9	160.9	Clear	No Odor
9:30	5	100	7.75	0.13	7.44	0.40	21.60	6.57	9.9	151.9	Clear	No Odor
9:35	5	100	7.75	0.26	7.56	0.39	12.40	6.60	9.8	142.0	Clear	No Odor
9:40	5	100	7.75	0.39	7.63	0.37	6.91	6.62	9.8	136.9	Clear	No Odor
9:45	5	100	7.75	0.52	7.65	0.36	5.78	6.74	9.9	135.0	Clear	No Odor
9:50	5	100	7.75	0.65	7.66	0.35	2.81	6.70	9.9	134.6	Clear	No Odor
9:55	5	100	7.75	0.78	7.68	0.35	1.51	6.66	9.9	135.2	Clear	No Odor
10:00	5	100	7.75	0.91	7.69	0.34	0.58	6.69	9.9	135.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34800 Standish; front yard	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-72			Date	5-12-21
Project Name/Location		Ford LTP		Weather	51.1 degrees F and Clear. The wind is blowing N at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.46	Total Depth (ft-bmp)	19.62	Water Column (ft.)	11.16	Gallons in Well	1.81
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.60				
Sample Time: Label	10:07	Volume Purged	1.08 gallons	Replicate/Code No.	DUP-09	Sampled by	Andrew Banitt
Purge Start	9:33						
Purge End	10:17						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:35	0	140	8.47	0.00	7.08	8.42	0.02	1.22	13.1	74.9	Clear	No Odor
9:40	5	140	8.48	0.18	7.28	8.47	0.02	0.32	13.1	-20.8	Clear	No Odor
9:45	5	140	8.48	0.36	7.30	8.46	0.02	0.20	13.2	-54.7	Clear	No Odor
9:50	5	140	8.48	0.54	7.36	8.46	0.02	0.16	13.2	-75.6	Clear	No Odor
9:55	5	140	8.48	0.72	7.43	8.45	0.02	0.10	13.3	-82.5	Clear	No Odor
10:00	5	140	8.48	0.90	7.46	8.45	0.02	0.10	13.3	-87.0	Clear	No Odor
10:05	5	140	8.48	1.08	7.48	8.43	0.02	0.08	13.3	-89.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-72S			Date	5-12-21
Project Name/Location		Ford LTP		Weather	54.0 degrees F and Clear. The wind is blowing N at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.63	Total Depth (ft-bmp)	13.01	Water Column (ft.)	4.38	Gallons in Well	0.71
		Pump Intake (ft-bmp)	10.13	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.80				
Sample Time: Label	11:16	Volume Purged	1.28 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:38						
Purge End	11:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:39	0	150	8.70	0.00	7.20	2.39	56.50	3.81	14.1	22.5	Clear	No Odor
10:44	5	140	8.70	0.20	7.23	2.50	47.70	0.69	13.7	32.2	Clear	No Odor
10:49	5	140	8.70	0.38	7.22	2.58	33.30	0.85	13.8	34.8	Clear	No Odor
10:54	5	140	8.70	0.56	7.24	2.60	5.23	1.10	13.7	36.2	Clear	No Odor
10:59	5	140	8.70	0.74	7.26	2.60	0.02	1.27	13.8	38.8	Clear	No Odor
11:04	5	140	8.70	0.92	7.29	2.60	0.02	1.45	13.7	41.9	Clear	No Odor
11:09	5	140	8.70	1.10	7.29	2.61	0.02	1.41	13.8	45.3	Clear	No Odor
11:14	5	140	8.70	1.28	7.29	2.63	0.02	1.44	13.8	48.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-73D			Date	5-12-21
Project Name/Location	Ford LTP			Weather	59.0 degrees F and Mostly Clear. The wind is blowing NE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	13.5-18.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.27	Total Depth (ft-bmp)	17.36	Water Column (ft.)	11.09	Gallons in Well	1.80
		Pump Intake (ft-bmp)	16.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.19				
Sample Time: Label	14:00	Volume Purged	2.15 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	12:58						
Purge End	14:04						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:59	0	135	6.44	0.00	7.21	4.05	11.00	1.64	13.9	-43.9	Clear	No Odor
13:04	5	140	6.48	0.18	7.44	3.99	5.52	0.17	13.4	-95.0	Clear	No Odor
13:09	5	140	6.49	0.36	7.53	3.94	8.04	0.06	13.3	-104.2	Clear	No Odor
13:14	5	130	6.46	0.54	7.58	3.98	1.88	0.04	13.3	-108.2	Clear	No Odor
13:19	5	135	6.47	0.71	7.58	4.11	4.32	0.04	13.4	-108.0	Clear	No Odor
13:24	5	135	6.47	0.89	7.58	4.19	4.06	0.04	13.5	-107.9	Clear	No Odor
13:29	5	135	6.46	1.07	7.57	4.33	4.03	0.00	13.4	-106.1	Clear	No Odor
13:34	5	140	6.47	1.25	7.56	4.47	4.52	0.00	13.0	-104.9	Clear	No Odor
13:39	5	140	6.47	1.43	7.54	4.59	3.89	0.00	13.3	-99.1	Clear	No Odor
13:44	5	140	6.47	1.61	7.55	4.70	5.71	0.00	13.3	-98.5	Clear	No Odor
13:49	5	140	6.47	1.79	7.55	4.77	6.03	0.00	13.3	-98.8	Clear	No Odor
13:54	5	140	6.48	1.97	7.54	4.88	7.52	0.00	12.9	-95.7	Clear	No Odor
13:59	5	140	6.48	2.15	7.52	4.99	8.68	0.00	13.1	-91.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
1" = 0.04	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-73SR			Date	5-12-21
Project Name/Location		Ford LTP		Weather	57.0 degrees F and Clear. The wind is blowing N/NE at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.28	Total Depth (ft-bmp)	12.38	Water Column (ft.)	6.10	Gallons in Well	0.99
		Pump Intake (ft-bmp)	7.78	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.45				
Sample Time: Label	12:37	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	11:53						
Purge End	12:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:54	0	140	6.31	0.00	6.49	2.51	0.02	1.45	13.8	72.5	Clear	No Odor
11:59	5	140	6.31	0.18	6.60	3.06	1.41	0.29	13.4	13.1	Clear	No Odor
12:04	5	140	6.31	0.36	6.85	4.84	0.45	0.11	13.3	19.4	Clear	No Odor
12:09	5	140	6.31	0.54	6.97	5.15	0.32	0.05	13.3	15.1	Clear	No Odor
12:14	5	140	6.31	0.72	7.01	5.29	0.10	0.02	13.2	9.0	Clear	No Odor
12:19	5	140	6.31	0.90	7.04	5.40	0.02	0.02	13.2	0.1	Clear	No Odor
12:24	5	140	6.31	1.08	7.06	5.50	0.02	0.00	13.2	-6.3	Clear	No Odor
12:29	5	140	6.31	1.26	7.07	5.51	0.02	0.01	13.3	-11.2	Clear	No Odor
12:34	5	140	6.31	1.44	7.08	5.57	0.02	0.00	13.3	-14.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-74			Date	5-13-21
Project Name/Location	Ford LTP			Weather	64.0 degrees F and Mostly Clear. The wind is blowing N/NW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.23	Total Depth (ft-bmp)	18.77	Water Column (ft.)	11.54	Gallons in Well	1.88
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.63				
Sample Time: Label	13:35	Volume Purged	1.19 gallons	Replicate/Code No.	MW-74-MS_051321, MW-74-MSD_051321	Sampled by	Andrew Banitt
Purge Start	12:56						
Purge End	13:47						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:57	0	130	7.27	0.00	7.11	6.39	13.90	2.27	14.5	19.9	Clear	No Odor
13:02	5	130	7.26	0.17	7.13	6.42	31.30	0.23	13.9	-44.8	Clear	No Odor
13:07	5	130	7.27	0.34	7.20	6.93	13.50	0.10	13.9	-67.1	Clear	No Odor
13:12	5	130	7.27	0.51	7.25	7.18	6.93	0.05	13.7	-76.4	Clear	No Odor
13:17	5	130	7.27	0.68	7.27	7.41	3.16	0.02	13.7	-80.5	Clear	No Odor
13:22	5	130	7.27	0.85	7.28	7.57	1.22	0.01	13.5	-84.4	Clear	No Odor
13:27	5	130	7.27	1.02	7.29	7.67	1.78	0.01	13.6	-87.0	Clear	No Odor
13:32	5	130	7.27	1.19	7.30	7.75	0.02	0.01	13.4	-87.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-74S			Date	5-13-21
Project Name/Location	Ford LTP			Weather	64.9 degrees F and Mostly Clear. The wind is blowing N/NW at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.23	Total Depth (ft-bmp)	12.77	Water Column (ft.)	5.54	Gallons in Well	0.90
		Pump Intake (ft-bmp)	8.73	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.52				
Sample Time: Label	14:50	Volume Purged	1.37 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	14:06						
Purge End	14:54						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:07	0	135	7.24	0.00	6.49	2.12	0.02	1.74	15.4	98.9	Clear	No Odor
14:12	5	130	7.25	0.18	6.52	4.82	0.02	0.42	14.0	115.1	Clear	No Odor
14:17	5	130	7.25	0.35	6.64	6.72	0.02	0.32	14.0	107.4	Clear	No Odor
14:22	5	130	7.25	0.52	6.71	6.69	0.02	0.39	14.1	85.0	Clear	No Odor
14:27	5	130	7.25	0.69	6.76	6.96	0.02	0.41	14.1	33.6	Clear	No Odor
14:32	5	130	7.25	0.86	6.81	7.33	0.02	0.39	14.0	8.2	Clear	No Odor
14:37	5	130	7.25	1.03	6.84	7.67	0.02	0.41	14.1	-1.9	Clear	No Odor
14:42	5	130	7.25	1.20	6.86	7.76	0.02	0.41	14.0	-5.7	Clear	No Odor
14:47	5	130	7.25	1.37	6.88	7.90	0.02	0.39	13.9	-8.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-75D			Date	5-19-21
Project Name/Location	Ford LTP			Weather	66.9 degrees F and Mostly Cloudy. The wind is blowing S/SE at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.50	Total Depth (ft-bmp)	16.65	Water Column (ft.)	10.15	Gallons in Well	1.65
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.48				
Sample Time: Label	11:32	Volume Purged	2.45 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:30						
Purge End	11:38						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:31	0	140	6.61	0.00	6.99	5.40	534.00	2.18	14.8	92.5	Cloudy	No Odor
10:36	5	160	6.66	0.18	7.29	5.35	519.00	0.54	13.5	65.3	Cloudy	No Odor
10:41	5	160	6.67	0.39	7.39	5.20	381.00	0.35	13.3	41.3	Cloudy	No Odor
10:46	5	160	6.66	0.60	7.47	5.08	283.00	0.21	13.4	20.7	Cloudy	No Odor
10:51	5	160	6.66	0.81	7.51	5.01	246.00	0.14	13.3	3.2	Cloudy	No Odor
10:56	5	160	6.66	1.02	7.56	4.99	181.00	0.14	13.2	-14.1	Cloudy	No Odor
11:01	5	130	6.66	1.23	7.61	4.96	242.00	0.11	13.5	-40.5	Cloudy	No Odor
11:06	5	160	6.65	1.40	7.62	4.93	173.00	0.09	13.5	-46.0	Cloudy	No Odor
11:11	5	160	6.64	1.61	7.62	4.87	141.00	0.08	13.4	-58.1	Cloudy	No Odor
11:16	5	160	6.64	1.82	7.62	4.85	120.00	0.07	13.6	-66.7	Cloudy	No Odor
11:21	5	160	6.64	2.03	7.62	4.86	110.00	0.07	13.6	-75.0	Cloudy	No Odor
11:26	5	160	6.63	2.24	7.61	4.94	134.00	0.05	13.5	-81.5	Cloudy	No Odor
11:31	5	160	6.64	2.45	7.61	4.94	127.00	0.04	13.5	-85.0	Cloudy	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-75SR			Date	5-19-21
Project Name/Location	Ford LTP			Weather	75.9 degrees F and Mostly Cloudy. The wind is blowing S at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.58	Total Depth (ft-bmp)	12.36	Water Column (ft.)	5.78	Gallons in Well	0.94
		Pump Intake (ft-bmp)	8.08	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.94				
Sample Time: Label	13:05	Volume Purged	1.82 gallons	Replicate/Code No.	DUP-11	Sampled by	Andrew Banitt
Purge Start	12:12						
Purge End	13:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:13	0	150	6.61	0.00	6.65	2.09	36.00	1.49	15.8	66.7	Clear	No Odor
12:18	5	140	6.61	0.20	6.83	2.16	4.60	0.12	15.0	45.6	Clear	No Odor
12:23	5	140	6.61	0.38	6.99	2.19	0.42	0.06	14.4	40.2	Clear	No Odor
12:28	5	140	6.61	0.56	7.05	2.52	0.02	0.06	14.6	31.2	Clear	No Odor
12:33	5	140	6.61	0.74	7.25	2.53	0.02	0.05	14.6	42.9	Clear	No Odor
12:38	5	140	6.61	0.92	7.30	2.75	0.02	0.03	14.7	46.9	Clear	No Odor
12:43	5	140	6.61	1.10	7.30	2.83	0.02	0.02	14.7	46.1	Clear	No Odor
12:48	5	140	6.61	1.28	7.31	2.88	0.02	0.01	14.5	45.2	Clear	No Odor
12:53	5	140	6.61	1.46	7.32	2.95	0.02	0.01	14.4	44.3	Clear	No Odor
12:58	5	140	6.61	1.64	7.34	2.98	0.02	0.01	14.6	42.6	Clear	No Odor
13:03	5	140	6.61	1.82	7.36	3.00	0.02	0.01	14.7	41.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-76			Date	5-13-21
Project Name/Location	Ford LTP			Weather	59.0 degrees F and Sunny. The wind is blowing NW at 6.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.54	Total Depth (ft-bmp)	19.61	Water Column (ft.)	9.07	Gallons in Well	1.47
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.06				
Sample Time: Label	9:30	Volume Purged	1.56 gallons	Replicate/Code No.	MW-76-MS_051321, MW-76-MSD_051321	Sampled by	Emma Witherspoon
Purge Start	8:25						
Purge End	9:47						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:30	0	100	10.55	0.00	7.14	8.75	8.42	0.60	12.4	173.4	Clear, Small Brown Particulates	No Odor
8:35	5	100	10.56	0.13	7.15	8.64	9.34	0.40	12.4	168.1	Clear, Small Brown Particulates	No Odor
8:40	5	100	10.56	0.26	7.16	8.53	6.34	0.31	12.4	162.4	Clear, Small Brown Particulates	No Odor
8:45	5	100	10.56	0.39	7.16	8.48	5.12	0.22	12.5	154.4	Clear, Small Brown Particulates	No Odor
8:50	5	100	10.56	0.52	7.15	8.44	3.43	0.16	12.5	141.3	Clear	No Odor
8:55	5	100	10.56	0.65	7.14	8.46	2.30	0.13	12.5	125.8	Clear	No Odor
9:00	5	100	10.56	0.78	7.13	8.50	2.62	0.13	12.5	105.0	Clear	No Odor
9:05	5	100	10.56	0.91	7.13	8.52	1.65	0.13	12.5	86.8	Clear	No Odor
9:10	5	100	10.56	1.04	7.13	8.56	2.04	0.13	12.6	71.1	Clear	No Odor
9:15	5	100	10.56	1.17	7.13	8.58	0.59	0.13	12.6	63.0	Clear	No Odor
9:20	5	100	10.56	1.30	7.13	8.60	1.26	0.13	12.6	57.2	Clear	No Odor
9:25	5	100	10.56	1.43	7.13	8.60	2.56	0.11	12.7	51.7	Clear	No Odor
9:30	5	100	10.56	1.56	7.13	8.61	2.04	0.10	12.9	47.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-76S			Date	5-13-21
Project Name/Location		Ford LTP		Weather	60.0 degrees F and Sunny. The wind is blowing NW at 6.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.43	Total Depth (ft-bmp)	14.14	Water Column (ft.)	3.71	Gallons in Well	0.60
		Pump Intake (ft-bmp)	11.93	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.70				
Sample Time: Label	10:40	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	10:03						
Purge End	10:42						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:05	0	125	10.46	0.00	7.52	3.69	55.70	1.45	12.7	108.7	Cloudy, Small Orange Particulates	No Odor
10:10	5	125	10.46	0.17	7.25	5.21	17.00	0.47	12.6	91.8	Clear, Small Orange Particulates	No Odor
10:15	5	125	10.46	0.34	7.24	5.39	8.09	0.40	12.7	87.9	Clear, Small Orange Particulates	No Odor
10:20	5	125	10.46	0.51	7.23	5.51	7.94	0.36	12.7	86.0	Clear, Small Orange Particulates	No Odor
10:25	5	125	10.46	0.68	7.21	5.59	4.98	0.42	12.7	84.8	Clear	No Odor
10:30	5	125	10.46	0.85	7.20	5.65	4.65	0.43	12.7	83.5	Clear	No Odor
10:35	5	125	10.46	1.02	7.19	5.69	2.33	0.41	12.7	81.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-77			Date	5-19-21
Project Name/Location	Ford LTP			Weather	80.1 degrees F and Mostly Cloudy. The wind is blowing S/SE at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.55	Total Depth (ft-bmp)	13.70	Water Column (ft.)	8.15	Gallons in Well	1.32
		Pump Intake (ft-bmp)	11.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.18				
Sample Time: Label	15:21	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:18						
Purge End	15:26						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:20	0	100	5.55	0.00	7.25	1.73	9.34	0.74	13.6	52.0	Clear	No Odor
14:25	5	100	5.56	0.13	7.33	1.65	5.13	0.21	13.0	28.4	Clear	No Odor
14:30	5	100	5.56	0.26	7.36	1.63	3.67	0.17	13.1	7.1	Clear	No Odor
14:35	5	100	5.56	0.39	7.36	1.58	1.75	0.18	13.1	-12.4	Clear	No Odor
14:40	5	100	5.56	0.52	7.36	1.55	1.02	0.18	13.3	-29.4	Clear	No Odor
14:45	5	100	5.56	0.65	7.38	1.53	0.77	0.17	13.1	-43.3	Clear	No Odor
14:50	5	100	5.56	0.78	7.39	1.53	0.78	0.16	13.0	-55.1	Clear	No Odor
14:55	5	100	5.56	0.91	7.38	1.52	0.90	0.13	13.3	-62.9	Clear	No Odor
15:00	5	100	5.56	1.04	7.39	1.55	0.60	0.14	13.1	-71.4	Clear	No Odor
15:05	5	100	5.56	1.17	7.40	1.53	0.57	0.13	12.9	-75.7	Clear	No Odor
15:10	5	100	5.56	1.30	7.41	1.52	0.27	0.12	13.0	-50.2	Clear	No Odor
15:15	5	100	5.56	1.43	7.41	1.51	0.12	0.12	13.2	-53.4	Clear	No Odor
15:20	5	100	5.56	1.56	7.41	1.51	0.38	0.13	13.1	-55.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-77S			Date	5-19-21
Project Name/Location		Ford LTP		Weather	81.0 degrees F and Mostly Cloudy. The wind is blowing S/SE at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.45	Total Depth (ft-bmp)	12.15	Water Column (ft.)	6.70	Gallons in Well	1.09
		Pump Intake (ft-bmp)	6.95	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.95				
Sample Time: Label	16:21	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	15:37						
Purge End	16:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:40	0	100	5.46	0.00	7.75	0.62	16.90	0.59	13.0	-23.1	Clear, Small Orange Particulates	No Odor
15:45	5	100	5.47	0.13	7.69	0.64	10.70	0.42	13.3	-22.4	Clear	No Odor
15:50	5	100	5.47	0.26	7.65	0.73	5.23	0.40	13.6	-21.5	Clear	No Odor
15:55	5	100	5.47	0.39	7.62	0.77	4.23	0.40	13.7	-22.0	Clear	No Odor
16:00	5	100	5.47	0.52	7.60	0.82	4.19	0.38	13.4	-22.1	Clear	No Odor
16:05	5	100	5.47	0.65	7.59	0.86	2.96	0.40	13.4	-23.6	Clear	No Odor
16:10	5	100	5.47	0.78	7.58	0.89	1.83	0.41	13.6	-23.4	Clear	No Odor
16:15	5	100	5.47	0.91	7.58	0.89	1.89	0.42	13.4	-23.9	Clear	No Odor
16:20	5	100	5.47	1.04	7.57	0.90	1.43	0.43	13.4	-24.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-78			Date	5-20-21
Project Name/Location	Ford LTP			Weather	64.9 degrees F and Cloudy. The wind is blowing E/SE at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.23	Total Depth (ft-bmp)	11.75	Water Column (ft.)	8.52	Gallons in Well	1.38
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.13				
Sample Time: Label	10:41	Volume Purged	1.56 gallons	Replicate/Code No.	MW-78-MS_052021, MW-78-MSD_052021	Sampled by	Gary Schafer
Purge Start	9:37						
Purge End	10:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:40	0	100	3.25	0.00	7.04	3.61	8.05	0.27	10.8	87.0	Clear, Small Orange Particulates	No Odor
9:45	5	100	3.25	0.13	7.22	3.47	5.37	0.16	10.9	62.4	Clear, Small Orange Particulates	No Odor
9:50	5	100	3.25	0.26	7.28	3.36	5.98	0.13	10.8	48.0	Clear, Small Orange Particulates	No Odor
9:55	5	100	3.25	0.39	7.31	3.26	2.68	0.12	10.9	41.1	Clear, Small Orange Particulates	No Odor
10:00	5	100	3.25	0.52	7.34	3.17	2.24	0.13	10.9	345.0	Clear, Small Orange Particulates	No Odor
10:05	5	100	3.25	0.65	7.36	3.10	2.19	0.15	11.1	18.8	Clear, Small Orange Particulates	No Odor
10:10	5	100	3.25	0.78	7.38	3.06	1.25	0.18	11.0	-1.2	Clear	No Odor
10:15	5	100	3.25	0.91	7.40	3.01	2.76	0.27	11.4	-16.3	Clear	No Odor
10:20	5	100	3.25	1.04	7.41	3.00	2.25	0.34	11.5	-30.4	Clear	No Odor
10:25	5	100	3.25	1.17	7.43	2.98	1.86	0.40	11.5	-42.4	Clear	No Odor
10:30	5	100	3.25	1.30	7.44	2.94	2.74	0.51	11.5	-51.3	Clear	No Odor
10:35	5	100	3.25	1.43	7.45	2.95	1.01	0.55	11.4	-58.4	Clear	No Odor
10:40	5	100	3.25	1.56	7.45	2.94	2.01	0.54	11.4	-64.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-78S			Date	5-20-21
Project Name/Location		Ford LTP		Weather	64.9 degrees F and Cloudy. The wind is blowing E/SE at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.48	Total Depth (ft-bmp)	12.30	Water Column (ft.)	8.82	Gallons in Well	1.43
		Pump Intake (ft-bmp)	4.98	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.09				
Sample Time: Label	12:16	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:13						
Purge End	12:22						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:15	0	100	3.50	0.00	7.49	0.83	2.11	0.31	12.3	-26.0	Clear	No Odor
11:20	5	100	3.50	0.13	7.47	0.93	1.11	0.19	12.1	-22.9	Clear	No Odor
11:25	5	100	3.50	0.26	7.46	1.04	3.83	0.16	12.1	-22.3	Clear	No Odor
11:30	5	100	3.50	0.39	7.45	1.13	1.00	0.14	12.2	-23.8	Clear	No Odor
11:35	5	100	3.50	0.52	7.46	1.20	1.13	0.13	12.2	-26.7	Clear	No Odor
11:40	5	100	3.50	0.65	7.46	1.21	0.02	0.13	12.3	-29.8	Clear	No Odor
11:45	5	100	3.50	0.78	7.47	1.24	1.63	0.11	12.3	-33.3	Clear	No Odor
11:50	5	100	3.50	0.91	7.46	1.41	3.37	0.11	12.1	-35.7	Clear	No Odor
11:55	5	100	3.50	1.04	7.47	1.42	3.54	0.11	12.2	-40.1	Clear	No Odor
12:00	5	100	3.50	1.17	7.47	1.48	1.82	0.12	12.2	-44.0	Clear	No Odor
12:05	5	100	3.50	1.30	7.47	1.50	0.04	0.13	12.1	-47.8	Clear	No Odor
12:10	5	100	3.50	1.43	7.47	1.55	0.21	0.13	12.1	-51.4	Clear	No Odor
12:15	5	100	3.50	1.56	7.48	1.58	0.05	0.14	12.3	-54.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-79D			Date	5-17-21
Project Name/Location		Ford LTP		Weather	62.1 degrees F and Cloudy. The wind is blowing S at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.75	Total Depth (ft-bmp)	14.63	Water Column (ft.)	8.88	Gallons in Well	1.44
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.96				
Sample Time: Label	11:41	Volume Purged	1.38 gallons	Replicate/Code No.	DUP-14	Sampled by	Allyson Hartz
Purge Start	11:09						
Purge End	11:48						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	175	5.77	0.00	6.93	4.56	7.71	1.03	12.0	-43.1	Clear, Small Orange Particulates	No Odor
11:15	5	175	5.77	0.23	6.98	4.53	6.30	0.31	12.0	-54.2	Clear, Small Orange Particulates	No Odor
11:20	5	175	5.77	0.46	7.00	4.52	4.10	0.19	12.0	-54.6	Clear, Small Orange Particulates	No Odor
11:25	5	175	5.77	0.69	7.00	4.52	2.77	0.14	11.7	-55.0	Clear, Small Orange Particulates	No Odor
11:30	5	175	5.77	0.92	7.00	4.51	1.99	0.13	12.0	-56.2	Clear, Small Orange Particulates	No Odor
11:35	5	175	5.77	1.15	7.00	4.50	1.90	0.14	11.9	-56.9	Clear, Small Orange Particulates	No Odor
11:40	5	175	5.77	1.38	7.01	4.49	0.56	0.14	11.9	-57.4	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-79SR			Date	5-17-21
Project Name/Location		Ford LTP		Weather	66.0 degrees F and Cloudy. The wind is blowing at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.62	Total Depth (ft-bmp)	12.27	Water Column (ft.)	6.65	Gallons in Well	1.08
		Pump Intake (ft-bmp)	7.12	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.70				
Sample Time: Label	12:42	Volume Purged	1.84 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	11:59						
Purge End	12:46						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:00	0	175	5.62	0.00	7.11	1.09	1.33	3.60	13.2	11.2	Small Orange and White Particulates	No Odor
12:05	5	175	5.62	0.23	6.99	1.22	1.57	0.58	12.2	3.0	Clear	No Odor
12:10	5	175	5.62	0.46	7.03	2.01	2.19	0.21	12.2	-22.4	Clear	No Odor
12:15	5	175	5.62	0.69	6.99	2.72	1.22	0.14	12.1	-24.7	Clear	No Odor
12:20	5	175	5.62	0.92	6.97	3.02	1.01	0.11	12.2	-28.8	Clear	No Odor
12:25	5	175	5.62	1.15	6.96	3.18	0.02	0.11	12.0	-31.7	Clear	No Odor
12:30	5	175	5.62	1.38	6.96	3.30	0.02	0.10	12.0	-34.2	Clear	No Odor
12:35	5	175	5.62	1.61	6.96	3.34	0.02	0.10	12.1	-35.7	Clear	No Odor
12:40	5	175	5.62	1.84	6.96	3.37	0.39	0.09	12.2	-36.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-80SR			Date	5-20-21
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Mostly Cloudy. The wind is blowing SE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.62	Total Depth (ft-bmp)	12.21	Water Column (ft.)	8.59	Gallons in Well	1.40
		Pump Intake (ft-bmp)	5.12	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.15				
Sample Time: Label	12:49	Volume Purged	1.61 gallons	Replicate/Code No.	DUP-08	Sampled by	Allyson Hartz
Purge Start	12:09						
Purge End	12:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:10	0	175	3.67	0.00	7.12	1.78	40.00	0.22	13.6	-63.9	Clear, Small Orange Particulates	No Odor
12:15	5	175	3.67	0.23	7.14	1.84	21.50	0.11	13.3	-71.1	Clear	No Odor
12:20	5	175	3.67	0.46	7.14	1.91	16.10	0.13	13.2	-73.5	Clear	No Odor
12:25	5	175	3.69	0.69	7.17	1.98	11.10	0.05	12.8	-75.8	Clear	No Odor
12:30	5	175	3.69	0.92	7.18	2.00	5.87	0.06	12.9	-75.6	Clear	No Odor
12:35	5	175	3.69	1.15	7.20	2.05	1.40	0.03	12.8	-75.9	Clear	No Odor
12:40	5	175	3.69	1.38	7.21	2.06	3.89	0.20	12.9	-76.2	Clear	No Odor
12:45	5	175	3.69	1.61	7.22	2.08	3.48	0.06	12.8	-76.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Brewster ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-81			Date	5-11-21
Project Name/Location	Ford LTP			Weather	50.0 degrees F and Partly Cloudy. The wind is blowing N/NW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.78	Total Depth (ft-bmp)	12.67	Water Column (ft.)	5.89	Gallons in Well	0.96
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.13				
Sample Time: Label	13:43	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	12:39						
Purge End	13:47						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:41	0	130	7.08	0.00	7.13	1.77	0.36	5.28	10.9	208.1	Clear	No Odor
12:46	5	125	7.27	0.17	7.05	1.75	0.10	0.80	10.5	202.1	Clear	No Odor
12:51	5	125	7.32	0.34	7.04	1.76	0.02	0.38	10.2	201.5	Clear	No Odor
12:56	5	125	7.36	0.51	7.05	1.77	0.02	0.29	9.9	199.5	Clear	No Odor
13:01	5	125	7.41	0.68	7.09	1.78	0.02	0.42	9.8	193.7	Clear	No Odor
13:06	5	125	7.48	0.85	7.09	1.78	0.02	0.31	10.0	170.5	Clear	No Odor
13:11	5	125	7.53	1.02	7.10	1.79	0.02	0.37	10.0	152.0	Clear	No Odor
13:16	5	125	7.57	1.19	7.13	1.79	0.02	0.20	9.9	127.6	Clear	No Odor
13:21	5	125	7.58	1.36	7.14	1.78	0.02	0.20	9.9	99.0	Clear	No Odor
13:26	5	125	7.59	1.53	7.15	1.78	0.02	0.18	9.9	80.2	Clear	No Odor
13:31	5	125	7.56	1.70	7.16	1.77	0.02	0.18	10.2	66.3	Clear	No Odor
13:36	5	125	7.59	1.87	7.18	1.76	0.02	0.17	10.1	57.3	Clear	No Odor
13:41	5	125	7.59	2.04	7.15	1.75	0.02	0.17	10.0	53.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-81S			Date	5-11-21
Project Name/Location	Ford LTP			Weather	50.0 degrees F and Mostly Cloudy. The wind is blowing NW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.15	Total Depth (ft-bmp)	12.52	Water Column (ft.)	5.37	Gallons in Well	0.87
		Pump Intake (ft-bmp)	8.65	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.38				
Sample Time: Label	15:02	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	14:23						
Purge End	15:06						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:24	0	140	7.34	0.00	6.69	2.05	0.02	2.00	11.2	170.2	Clear	No Odor
14:29	5	125	7.58	0.18	6.99	2.00	0.02	1.25	10.8	159.6	Clear	No Odor
14:34	5	125	7.73	0.35	7.09	1.99	21.90	1.81	10.4	162.7	Clear	No Odor
14:39	5	125	7.84	0.52	7.18	1.98	24.80	1.79	11.2	160.9	Clear	No Odor
14:44	5	125	7.90	0.69	7.22	1.97	19.40	1.93	11.2	158.1	Clear	No Odor
14:49	5	125	7.96	0.86	7.27	1.96	4.95	1.66	11.2	156.4	Clear	No Odor
14:54	5	125	7.99	1.03	7.31	1.95	2.64	1.68	11.1	153.7	Clear	No Odor
14:59	5	125	8.01	1.20	7.32	1.94	3.07	1.64	11.0	151.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-82D			Date	5-7-21
Project Name/Location		Ford LTP		Weather	48.0 degrees F and Partly Cloudy. The wind is blowing W at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	18-23	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.07	Total Depth (ft-bmp)	22.71	Water Column (ft.)	14.64	Gallons in Well	2.38
		Pump Intake (ft-bmp)	20.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.73				
Sample Time: Label	11:19	Volume Purged	1.73 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:25						
Purge End	11:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:26	0	150	8.10	0.00	7.14	1.62	0.02	2.91	11.1	82.2	Clear	No Odor
10:31	5	130	8.10	0.20	7.00	1.66	4.61	0.49	10.8	13.5	Clear	No Odor
10:36	5	125	8.10	0.37	7.11	1.68	0.32	0.21	10.7	-29.4	Clear	No Odor
10:41	5	125	8.11	0.54	7.16	1.69	0.02	0.15	10.6	-49.6	Clear	No Odor
10:46	5	125	8.11	0.71	7.20	1.69	0.02	0.07	10.6	-65.5	Clear	No Odor
10:51	5	125	8.11	0.88	7.22	1.69	0.02	0.04	10.7	-76.5	Clear	No Odor
10:56	5	125	8.11	1.05	7.25	1.70	0.02	0.03	10.7	-84.0	Clear	No Odor
11:01	5	125	8.11	1.22	7.27	1.71	0.02	0.02	10.8	-90.4	Clear	No Odor
11:06	5	125	8.11	1.39	7.28	1.71	0.02	0.04	10.8	-96.3	Clear	No Odor
11:11	5	125	8.11	1.56	7.29	1.71	0.02	0.03	10.8	-101.7	Clear	No Odor
11:16	5	125	8.11	1.73	7.31	1.72	0.02	0.05	10.8	-105.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-82SR			Date	5-7-21
Project Name/Location		Ford LTP		Weather	52.0 degrees F and Partly Cloudy. The wind is blowing at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.00	Total Depth (ft-bmp)	16.10	Water Column (ft.)	8.10	Gallons in Well	1.32
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.48				
Sample Time: Label	12:45	Volume Purged	1.96 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	11:42						
Purge End	12:49						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:43	0	130	8.15	0.00	6.57	1.54	4.68	1.38	10.6	58.9	Clear	No Odor
11:48	5	120	8.26	0.17	6.82	1.51	0.02	1.04	10.4	51.2	Clear	No Odor
11:53	5	120	8.36	0.33	6.86	1.50	0.02	0.91	10.3	44.5	Clear	No Odor
11:58	5	125	8.47	0.49	6.91	1.49	0.02	0.85	10.0	44.5	Clear	No Odor
12:03	5	125	8.55	0.66	6.93	1.49	0.02	0.91	10.1	42.5	Clear	No Odor
12:08	5	120	8.53	0.83	6.96	1.49	0.02	0.94	10.3	32.4	Clear	No Odor
12:13	5	120	8.53	0.99	6.98	1.50	2.62	1.28	10.3	28.1	Clear	No Odor
12:18	5	120	8.52	1.15	7.00	1.50	0.29	1.31	10.3	23.9	Clear	No Odor
12:23	5	120	8.52	1.31	7.01	1.50	0.02	1.26	10.3	17.7	Clear	No Odor
12:28	5	125	8.51	1.47	7.01	1.50	0.02	1.16	10.4	12.8	Clear	No Odor
12:33	5	130	8.59	1.62	7.02	1.50	0.02	1.19	9.9	9.9	Clear	No Odor
12:38	5	130	8.64	1.79	7.01	1.50	0.02	1.07	10.2	8.6	Clear	No Odor
12:43	5	125	8.59	1.96	7.02	1.51	0.02	1.01	10.4	6.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-83			Date	5-6-21
Project Name/Location	Ford LTP			Weather	53.1 degrees F and Mostly Cloudy. The wind is blowing S at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.43	Total Depth (ft-bmp)	12.40	Water Column (ft.)	4.97	Gallons in Well	0.81
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.15				
Sample Time: Label	12:25	Volume Purged	0.93 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	11:51						
Purge End	12:29						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:52	0	140	7.48	0.00	6.94	1.96	0.02	0.67	10.8	130.2	Clear	No Odor
11:57	5	115	7.45	0.18	7.09	1.94	0.02	0.10	10.4	125.1	Clear	No Odor
12:02	5	115	7.45	0.33	7.07	1.93	0.02	0.13	10.4	124.9	Clear	No Odor
12:07	5	115	7.45	0.48	7.12	1.91	0.02	0.01	10.4	120.0	Clear	No Odor
12:12	5	115	7.45	0.63	7.14	1.90	0.02	0.03	10.5	116.0	Clear	No Odor
12:17	5	115	7.46	0.78	7.16	1.91	0.02	0.00	10.5	111.5	Clear	No Odor
12:22	5	115	7.46	0.93	7.17	1.92	0.02	0.00	10.5	107.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-83S			Date	5-6-21
Project Name/Location		Ford LTP		Weather	51.1 degrees F and Mostly Cloudy. The wind is blowing S at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.57	Total Depth (ft-bmp)	12.79	Water Column (ft.)	5.22	Gallons in Well	0.85
		Pump Intake (ft-bmp)	9.07	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.21				
Sample Time:	Label 11:24	Volume Purged	1.03 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
	Purge Start 10:51						
	Purge End 11:28						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:52	0	135	7.59	0.00	6.58	2.66	30.70	1.44	10.6	28.9	Clear	No Odor
10:57	5	125	7.60	0.18	7.02	2.33	9.13	0.33	10.3	-56.8	Clear	No Odor
11:02	5	125	7.60	0.35	7.04	2.10	0.02	0.16	10.4	-62.9	Clear	No Odor
11:07	5	125	7.60	0.52	7.09	2.01	0.02	0.08	10.4	-66.1	Clear	No Odor
11:12	5	125	7.60	0.69	7.12	1.97	0.02	0.04	10.3	-67.8	Clear	No Odor
11:17	5	125	7.60	0.86	7.14	1.95	0.02	0.02	10.2	-65.9	Clear	No Odor
11:22	5	125	7.60	1.03	7.15	1.95	0.02	0.01	10.2	-65.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-84			Date	5-6-21
Project Name/Location		Ford LTP		Weather	53.1 degrees F and Mostly Cloudy. The wind is blowing S at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.56	Total Depth (ft-bmp)	12.56	Water Column (ft.)	8.00	Gallons in Well	1.30
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.06				
Sample Time: Label	11:55	Volume Purged	1.38 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	11:24						
Purge End	12:01						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:25	0	175	4.59	0.00	7.18	4.28	3.63	2.09	11.6	12.3	Clear	No Odor
11:30	5	175	4.59	0.23	7.19	4.41	7.26	0.40	11.0	-29.2	Clear, Small Orange Particulates	No Odor
11:35	5	175	4.59	0.46	7.18	4.23	6.87	0.22	11.0	-39.2	Clear	No Odor
11:40	5	175	4.59	0.69	7.20	3.98	5.21	0.16	11.1	-42.7	Clear, Small Orange Particulates	No Odor
11:45	5	175	4.59	0.92	7.20	3.91	4.00	0.13	11.1	-43.8	Clear	No Odor
11:50	5	175	4.59	1.15	7.20	3.88	2.02	0.13	11.0	-44.3	Clear	No Odor
11:55	5	175	4.59	1.38	7.20	3.86	1.33	0.12	11.0	-44.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-84S			Date	5-6-21
Project Name/Location	Ford LTP			Weather	53.1 degrees F and Mostly Cloudy. The wind is blowing S at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.74	Total Depth (ft-bmp)	12.71	Water Column (ft.)	7.97	Gallons in Well	1.30
		Pump Intake (ft-bmp)	6.24	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.59				
Sample Time: Label	13:00	Volume Purged	2.07 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	12:12						
Purge End	13:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:15	0	175	4.74	0.00	8.08	0.37	0.63	4.83	11.5	12.6	Clear	No Odor
12:20	5	175	4.74	0.23	7.54	0.54	0.02	0.95	11.4	19.8	Clear	No Odor
12:25	5	175	4.79	0.46	7.24	0.89	0.06	0.90	11.3	-19.7	Clear	No Odor
12:30	5	175	4.79	0.69	7.23	1.00	0.46	0.88	11.1	-31.5	Clear	No Odor
12:35	5	175	4.79	0.92	7.25	1.09	0.02	0.86	11.1	-34.1	Clear	No Odor
12:40	5	175	4.79	1.15	7.28	1.22	0.02	0.89	11.2	-32.5	Clear	No Odor
12:45	5	175	4.79	1.38	7.27	1.32	0.64	0.94	11.3	-31.9	Clear	No Odor
12:50	5	175	4.79	1.61	7.27	1.37	0.03	0.95	11.2	-32.6	Clear	No Odor
12:55	5	175	4.79	1.84	7.27	1.40	0.02	0.89	11.1	-33.3	Clear	No Odor
13:00	5	175	4.79	2.07	7.27	1.41	0.02	0.89	11.2	-33.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-85			Date	5-14-21
Project Name/Location	Ford LTP			Weather	55.9 degrees F and Clear. The wind is blowing W at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.59	Total Depth (ft-bmp)	12.69	Water Column (ft.)	7.10	Gallons in Well	1.15
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.25				
Sample Time: Label	10:18	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	9:35						
Purge End	10:21						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:36	0	140	5.64	0.00	6.64	5.51	0.02	1.26	11.6	126.8	Clear	No Odor
9:41	5	140	5.64	0.18	6.83	5.40	0.02	0.24	11.1	37.8	Clear	No Odor
9:46	5	140	5.64	0.36	6.94	4.91	0.02	0.09	11.1	-3.6	Clear	No Odor
9:51	5	140	5.64	0.54	7.01	4.61	0.02	0.02	11.1	-19.7	Clear	No Odor
9:56	5	140	5.64	0.72	7.06	4.44	0.02	0.12	11.1	-29.8	Clear	No Odor
10:01	5	140	5.64	0.90	7.09	4.33	0.02	0.12	11.2	-36.2	Clear	No Odor
10:06	5	140	5.64	1.08	7.11	4.23	0.02	0.08	11.2	-41.5	Clear	No Odor
10:11	5	140	5.64	1.26	7.12	4.19	0.02	0.04	11.2	-44.6	Clear	No Odor
10:16	5	140	5.64	1.44	7.12	4.13	0.02	0.03	11.2	-47.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-85SR			Date	5-14-21
Project Name/Location		Ford LTP		Weather	62.1 degrees F and Clear. The wind is blowing W/NW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.71	Total Depth (ft-bmp)	8.45	Water Column (ft.)	2.74	Gallons in Well	0.45
		Pump Intake (ft-bmp)	7.21	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.02				
Sample Time: Label	11:26	Volume Purged	1.36 gallons	Replicate/Code No.	DUP-07	Sampled by	Andrew Banitt
Purge Start	10:42						
Purge End	11:34						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:43	0	130	5.73	0.00	6.76	2.15	33.50	1.19	12.3	134.0	Cloudy	No Odor
10:48	5	130	5.74	0.17	6.73	2.18	16.50	0.17	11.8	99.1	Clear	No Odor
10:53	5	130	5.74	0.34	6.80	2.26	9.61	0.09	11.7	62.5	Clear	No Odor
10:58	5	130	5.74	0.51	6.87	2.35	6.20	0.07	11.7	33.0	Clear	No Odor
11:03	5	130	5.74	0.68	6.93	2.42	1.37	0.10	11.6	13.6	Clear	No Odor
11:08	5	130	5.74	0.85	6.96	2.49	0.71	0.11	11.6	2.1	Clear	No Odor
11:13	5	130	5.74	1.02	6.99	2.53	0.02	0.08	11.7	-6.4	Clear	No Odor
11:18	5	130	5.74	1.19	7.01	2.57	0.02	0.12	11.7	-12.2	Clear	No Odor
11:23	5	130	5.74	1.36	7.02	2.60	0.02	0.12	11.7	-16.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-86			Date	5-11-21
Project Name/Location	Ford LTP			Weather	43.0 degrees F and Mostly Clear. The wind is blowing W/NW at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.66	Total Depth (ft-bmp)	16.63	Water Column (ft.)	8.97	Gallons in Well	1.46
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.32				
Sample Time:	Label 10:46	Volume Purged	1.92 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
	Purge Start 9:43						
	Purge End 10:52						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:45	0	120	7.68	0.00	7.07	0.67	15.60	0.48	11.4	53.8	Small White Particulates, Turbid	No Odor
9:50	5	120	7.68	0.16	7.20	0.66	14.10	0.30	11.4	24.0	Clear, Small White Particulates	No Odor
9:55	5	120	7.70	0.32	7.27	0.66	12.20	0.28	11.2	-16.4	Clear, Small White Particulates	No Odor
10:00	5	120	7.70	0.48	7.35	0.67	8.68	0.30	11.6	-42.9	Clear, Small White Particulates	No Odor
10:05	5	120	7.70	0.64	7.37	0.71	4.92	0.29	11.2	-55.9	Clear	No Odor
10:10	5	120	7.70	0.80	7.38	0.73	4.77	0.29	11.4	-62.3	Clear	No Odor
10:15	5	120	7.70	0.96	7.41	0.75	4.02	0.40	11.5	-66.7	Clear	No Odor
10:20	5	120	7.70	1.12	7.43	0.78	3.18	0.55	11.4	-67.9	Clear	No Odor
10:25	5	120	7.70	1.28	7.44	0.80	3.26	0.60	11.6	-69.6	Clear	No Odor
10:30	5	120	7.70	1.44	7.45	0.82	2.88	0.63	11.3	-71.3	Clear	No Odor
10:35	5	120	7.70	1.60	7.45	0.83	2.32	0.68	11.2	-72.9	Clear	No Odor
10:40	5	120	7.70	1.76	7.45	0.82	1.99	0.61	11.6	-73.1	Clear	No Odor
10:45	5	120	7.70	1.92	7.48	0.82	1.64	0.69	11.4	-77.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Wadsworth ROW; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-86S			Date	5-11-21
Project Name/Location		Ford LTP		Weather	46.0 degrees F and Partly Cloudy. The wind is blowing NW at 16.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.85	Total Depth (ft-bmp)	12.35	Water Column (ft.)	4.50	Gallons in Well	0.73
		Pump Intake (ft-bmp)	9.35	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.75				
Sample Time: Label	11:56	Volume Purged	1.28 gallons	Replicate/Code No.	MW-86S-MS_051121, MW-86S-MSD_051121	Sampled by	Gary Schafer
Purge Start	11:12						
Purge End	12:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:15	0	120	7.88	0.00	7.65	0.37	12.10	5.35	11.7	22.8	Clear, Small Orange Particulates	No Odor
11:20	5	120	7.88	0.16	7.65	0.37	31.90	5.22	11.7	27.1	Small Orange Particulates, Turbid	No Odor
11:25	5	120	7.88	0.32	7.66	0.37	28.50	5.05	11.6	31.3	Clear, Small Orange Particulates	No Odor
11:30	5	120	7.88	0.48	7.65	0.38	24.40	5.02	11.4	35.9	Clear	No Odor
11:35	5	120	7.88	0.64	7.66	0.38	23.20	4.98	11.8	37.8	Clear, Small White Particulates	No Odor
11:40	5	120	7.88	0.80	7.66	0.38	18.10	4.93	11.8	41.2	Clear, Small White Particulates	No Odor
11:45	5	120	7.88	0.96	7.65	0.38	18.10	4.98	11.4	45.0	Clear, Small White Particulates	No Odor
11:50	5	120	7.88	1.12	7.66	0.38	17.40	4.87	11.5	45.8	Clear	No Odor
11:55	5	120	7.88	1.28	7.65	0.38	16.90	4.82	11.4	49.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Wadsworth ROW; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-87			Date	5-13-21
Project Name/Location	Ford LTP			Weather	57.0 degrees F and Clear. The wind is blowing SW at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.74	Total Depth (ft-bmp)	18.83	Water Column (ft.)	9.09	Gallons in Well	1.48
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.65				
Sample Time: Label	10:01	Volume Purged	0.96 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:27						
Purge End	10:07						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:30	0	120	9.75	0.00	7.00	0.34	1.63	7.87	12.0	204.7	Clear	No Odor
9:35	5	120	9.75	0.16	7.41	0.30	0.74	7.84	11.6	197.3	Clear	No Odor
9:40	5	120	9.78	0.32	7.53	0.29	0.41	7.83	11.6	191.2	Clear	No Odor
9:45	5	120	9.78	0.48	7.69	0.28	0.33	7.84	11.6	180.2	Clear	No Odor
9:50	5	120	9.78	0.64	7.73	0.27	0.26	7.97	11.7	176.3	Clear	No Odor
9:55	5	120	9.78	0.80	7.78	0.27	0.45	8.09	11.6	172.1	Clear	No Odor
10:00	5	120	9.78	0.96	7.80	0.26	0.37	7.79	11.6	169.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Standish ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-87S			Date	5-13-21
Project Name/Location	Ford LTP			Weather	57.0 degrees F and Clear. The wind is blowing SW at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.45	Total Depth (ft-bmp)	14.13	Water Column (ft.)	4.68	Gallons in Well	0.76
		Pump Intake (ft-bmp)	10.95	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.26				
Sample Time: Label	10:56	Volume Purged	0.96 gallons	Replicate/Code No.	MW-87S-MS_051321, MW-87S-MSD_051321	Sampled by	Gary Schafer
Purge Start	10:23						
Purge End	11:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:25	0	120	9.45	0.00	7.84	0.26	0.36	7.89	12.2	152.6	Clear	No Odor
10:30	5	120	9.45	0.16	7.83	0.26	0.38	8.03	12.2	153.5	Clear	No Odor
10:35	5	120	9.45	0.32	7.88	0.26	0.30	8.06	12.2	152.7	Clear	No Odor
10:40	5	120	9.45	0.48	7.86	0.26	0.29	8.19	12.2	153.1	Clear	No Odor
10:45	5	120	9.45	0.64	7.86	0.26	0.36	8.12	12.3	153.4	Clear	No Odor
10:50	5	120	9.45	0.80	7.85	0.26	0.30	8.08	12.2	153.9	Clear	No Odor
10:55	5	120	9.45	0.96	7.86	0.26	0.42	8.23	12.2	150.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Standish ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-96S			Date	5-19-21
Project Name/Location		Ford LTP		Weather	78.1 degrees F and Mostly Cloudy. The wind is blowing S at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.22	Total Depth (ft-bmp)	12.08	Water Column (ft.)	5.86	Gallons in Well	0.95
		Pump Intake (ft-bmp)	7.72	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.51				
Sample Time: Label	13:46	Volume Purged	1.43 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:47						
Purge End	13:51						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:50	0	100	6.23	0.00	7.38	0.55	16.80	0.57	12.7	30.0	Clear, Small Orange Particulates	No Odor
12:55	5	100	6.23	0.13	7.36	0.55	10.30	0.53	12.7	25.3	Clear, Small Orange Particulates	No Odor
13:00	5	100	6.23	0.26	7.38	0.56	7.35	0.53	12.8	21.8	Clear, Small Orange Particulates	No Odor
13:05	5	100	6.23	0.39	7.38	0.56	5.80	0.50	12.9	19.5	Clear, Small Orange Particulates	No Odor
13:10	5	100	6.23	0.52	7.38	0.56	4.40	0.51	12.5	17.8	Clear, Small Orange Particulates	No Odor
13:15	5	100	6.23	0.65	7.38	0.56	4.07	0.50	12.7	16.2	Clear, Small Orange Particulates	No Odor
13:20	5	100	6.23	0.78	7.37	0.56	3.61	0.57	13.0	12.4	Clear, Small Orange Particulates	No Odor
13:25	5	100	6.23	0.91	7.38	0.56	3.57	0.51	12.4	14.7	Clear	No Odor
13:30	5	100	6.23	1.04	7.38	0.56	2.65	0.50	12.5	14.0	Clear	No Odor
13:35	5	100	6.23	1.17	7.39	0.56	3.72	0.47	12.5	12.8	Clear	No Odor
13:40	5	100	6.23	1.30	7.40	0.56	3.35	0.45	12.5	12.5	Clear	No Odor
13:45	5	100	6.23	1.43	7.38	0.56	2.15	0.44	12.6	12.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-97S			Date	5-19-21
Project Name/Location		Ford LTP		Weather	71.1 degrees F and Mostly Cloudy. The wind is blowing S at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.30	Total Depth (ft-bmp)	12.00	Water Column (ft.)	6.70	Gallons in Well	1.09
		Pump Intake (ft-bmp)	6.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.19				
Sample Time: Label	12:06	Volume Purged	1.3 gallons	Replicate/Code No.	MW-97S-MS_051921, MW-97S-MSD_051921	Sampled by	Gary Schafer
Purge Start	11:13						
Purge End	12:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:15	0	100	5.31	0.00	7.58	0.50	6.17	0.75	13.3	67.6	Clear, Small Orange Particulates	No Odor
11:20	5	100	5.31	0.13	7.56	0.54	5.35	0.44	13.3	67.5	Clear, Small White Particulates	No Odor
11:25	5	100	5.31	0.26	7.55	0.58	2.92	0.42	13.2	64.8	Clear, Small White Particulates	No Odor
11:30	5	100	5.31	0.39	7.55	0.60	2.35	0.39	13.3	62.9	Clear, Small White Particulates	No Odor
11:35	5	100	5.31	0.52	7.55	0.63	1.95	0.36	13.3	60.7	Clear	No Odor
11:40	5	100	5.31	0.65	7.55	0.65	2.42	0.34	13.2	59.2	Clear, Small White Particulates	No Odor
11:45	5	100	5.31	0.78	7.54	0.67	1.69	0.33	13.4	56.9	Clear	No Odor
11:50	5	100	5.31	0.91	7.54	0.70	1.71	0.31	13.5	54.5	Clear	No Odor
11:55	5	100	5.31	1.04	7.54	0.71	1.58	0.31	13.5	53.0	Clear	No Odor
12:00	5	100	5.31	1.17	7.54	0.73	0.79	0.29	13.5	51.8	Clear	No Odor
12:05	5	100	5.31	1.30	7.54	0.73	0.85	0.29	13.6	48.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-98S			Date	5-6-21
Project Name/Location	Ford LTP			Weather	51.1 degrees F and Mostly Cloudy. The wind is blowing S at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.48	Total Depth (ft-bmp)	12.11	Water Column (ft.)	9.63	Gallons in Well	1.56
		Pump Intake (ft-bmp)	3.98	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.77				
Sample Time: Label	10:20	Volume Purged	2.76 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	9:19						
Purge End	10:24						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:20	0	175	2.52	0.00	7.37	0.67	2.93	1.31	12.3	46.5	Clear	No Odor
9:25	5	175	2.52	0.23	7.33	0.64	0.02	0.41	12.0	50.8	Clear	No Odor
9:30	5	175	2.52	0.46	7.33	0.65	0.06	0.25	11.9	42.7	Clear	No Odor
9:35	5	175	2.52	0.69	7.35	0.67	0.02	0.17	11.8	8.1	Clear	No Odor
9:40	5	175	2.52	0.92	7.35	0.67	0.02	0.16	11.7	-10.2	Clear	No Odor
9:45	5	175	2.52	1.15	7.36	0.68	0.02	0.13	11.7	-15.5	Clear	No Odor
9:50	5	175	2.52	1.38	7.38	0.72	0.02	0.13	11.7	-19.6	Clear	No Odor
9:55	5	175	2.52	1.61	7.38	0.76	0.02	0.12	11.7	-20.5	Clear	No Odor
10:00	5	175	2.52	1.84	7.37	0.82	0.02	0.13	11.7	-21.7	Clear	No Odor
10:05	5	175	2.52	2.07	7.37	0.91	0.02	0.12	11.7	-25.2	Clear	No Odor
10:10	5	175	2.52	2.30	7.37	0.96	0.02	0.09	11.9	-28.3	Clear	No Odor
10:15	5	175	2.52	2.53	7.37	0.99	0.02	0.11	11.9	-33.7	Clear	No Odor
10:20	5	175	2.52	2.76	7.36	1.01	0.02	0.13	11.9	-35.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-99S			Date	5-19-21
Project Name/Location	Ford LTP			Weather	Partly cloudy 82 degrees F. Wind blowing S at 10 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.95	Total Depth (ft-bmp)	12.87	Water Column (ft.)	5.92	Gallons in Well	0.96
		Pump Intake (ft-bmp)	8.45	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.16				
Sample Time: Label	14:50	Volume Purged	2.07 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	13:51						
Purge End	14:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:53	0	140	6.97	0.00	6.61	2.02	0.36	1.88	15.0	88.4	Clear	No Odor
13:58	5	140	6.98	0.18	6.62	2.19	0.02	1.28	14.3	85.8	Clear	No Odor
14:03	5	140	6.98	0.36	6.76	2.23	0.02	1.16	13.9	81.7	Clear	No Odor
14:08	5	140	6.98	0.54	6.88	2.24	0.02	0.84	14.3	78.3	Clear	No Odor
14:13	5	140	6.98	0.72	6.95	2.42	0.02	0.81	14.6	77.1	Clear	No Odor
14:18	5	140	6.98	0.90	6.99	2.79	0.02	0.60	14.5	78.1	Clear	No Odor
14:23	5	145	6.98	1.08	7.03	3.04	0.02	0.54	14.4	77.0	Clear	No Odor
14:28	5	150	6.98	1.27	7.04	3.16	0.02	0.52	14.6	75.8	Clear	No Odor
14:33	5	150	6.98	1.47	7.05	3.31	0.02	0.49	14.2	74.4	Clear	No Odor
14:38	5	150	6.98	1.67	7.05	3.42	0.02	0.49	14.4	73.2	Clear	No Odor
14:43	5	150	6.98	1.87	7.06	3.46	0.02	0.47	14.6	71.2	Clear	No Odor
14:48	5	150	6.98	2.07	7.08	3.52	0.02	0.47	14.5	68.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-100S			Date	5-20-21
Project Name/Location		Ford LTP		Weather	66.0 degrees F and Cloudy. The wind is blowing E/SE at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.62	Total Depth (ft-bmp)	12.88	Water Column (ft.)	5.26	Gallons in Well	0.85
		Pump Intake (ft-bmp)	9.12	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.34				
Sample Time:	Label 10:01	Volume Purged	1.14 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
	Purge Start 9:27						
	Purge End 10:07						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:28	0	200	7.64	0.00	6.65	6.79	2.73	1.67	14.3	193.8	Clear	No Odor
9:33	5	150	7.64	0.26	6.75	7.01	6.43	0.10	14.3	188.4	Clear	No Odor
9:38	5	125	7.64	0.46	6.80	7.01	3.51	0.08	14.6	186.1	Clear	No Odor
9:43	5	125	7.64	0.63	6.87	6.99	3.69	0.06	14.5	184.3	Clear	No Odor
9:48	5	125	7.64	0.80	6.91	7.05	3.84	0.05	14.3	183.9	Clear	No Odor
9:53	5	125	7.64	0.97	6.93	7.04	2.31	0.02	14.3	182.2	Clear	No Odor
9:58	5	125	7.64	1.14	6.94	7.01	1.02	0.03	14.2	179.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-101S			Date	5-20-21
Project Name/Location		Ford LTP		Weather	77.0 degrees F and Mostly Cloudy. The wind is blowing S at 3.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.14	Total Depth (ft-bmp)	14.04	Water Column (ft.)	4.90	Gallons in Well	0.80
		Pump Intake (ft-bmp)	10.64	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.65				
Sample Time: Label	11:15	Volume Purged	1.32 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:31						
Purge End	11:21						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:32	0	150	9.16	0.00	6.72	1.02	0.02	2.04	14.7	147.6	Clear	No Odor
10:37	5	120	9.16	0.20	6.67	0.99	0.26	1.07	14.5	158.7	Clear	No Odor
10:42	5	120	9.15	0.36	6.90	1.00	0.02	0.98	15.2	154.0	Clear	No Odor
10:47	5	120	9.15	0.52	7.02	0.99	0.64	0.98	15.1	150.2	Clear	No Odor
10:52	5	120	9.15	0.68	7.13	1.00	0.02	0.90	15.4	145.6	Clear	No Odor
10:57	5	120	9.15	0.84	7.26	0.99	0.19	0.92	15.1	143.5	Clear	No Odor
11:02	5	120	9.15	1.00	7.22	0.99	1.27	0.85	15.4	141.7	Clear	No Odor
11:07	5	120	9.15	1.16	7.26	0.98	0.02	0.83	15.0	140.0	Clear	No Odor
11:12	5	120	9.14	1.32	7.24	0.98	0.02	0.83	15.3	139.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-102			Date	5-18-21
Project Name/Location		Ford LTP		Weather	73.9 degrees F and Partly Cloudy. The wind is blowing SE at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.50	Total Depth (ft-bmp)	14.65	Water Column (ft.)	12.15	Gallons in Well	1.97
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.09				
Sample Time: Label	14:13	Volume Purged	2.14 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	13:11						
Purge End	14:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:12	0	140	2.53	0.00	6.55	6.61	0.83	1.27	15.0	180.7	Clear	No Odor
13:17	5	140	2.53	0.18	6.86	6.54	9.57	0.04	13.9	133.6	Clear	No Odor
13:22	5	140	2.53	0.36	7.03	6.45	0.54	0.02	13.8	102.2	Clear	No Odor
13:27	5	140	2.53	0.54	7.11	6.54	6.46	0.02	13.4	74.4	Clear	No Odor
13:32	5	140	2.53	0.72	7.17	6.58	0.49	0.02	13.6	46.5	Clear	No Odor
13:37	5	140	2.54	0.90	7.20	6.58	0.02	0.01	13.7	25.0	Clear	No Odor
13:42	5	140	2.54	1.08	7.22	6.63	0.02	0.01	13.3	4.7	Clear	No Odor
13:47	5	140	2.54	1.26	7.23	6.64	0.02	0.01	13.6	-9.5	Clear	No Odor
13:52	5	140	2.53	1.44	7.24	6.65	0.02	0.00	13.6	-23.4	Clear	No Odor
13:57	5	140	2.54	1.62	7.25	6.66	0.02	0.01	13.3	-33.8	Clear	No Odor
14:02	5	130	2.53	1.80	7.26	6.67	0.02	0.05	14.3	-43.1	Clear	No Odor
14:07	5	130	2.53	1.97	7.25	6.71	0.02	0.03	14.3	-49.3	Clear	No Odor
14:12	5	130	2.53	2.14	7.25	6.67	0.02	0.01	14.5	-53.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-102S			Date	5-18-21
Project Name/Location		Ford LTP		Weather	75.0 degrees F and Mostly Cloudy. The wind is blowing S/SE at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.66	Total Depth (ft-bmp)	12.35	Water Column (ft.)	9.69	Gallons in Well	1.57
		Pump Intake (ft-bmp)	4.16	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.66				
Sample Time: Label	15:07	Volume Purged	1.03 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	14:34						
Purge End	15:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:35	0	135	2.68	0.00	6.89	2.58	0.02	1.16	15.8	42.1	Clear	No Odor
14:40	5	130	2.68	0.18	7.11	3.42	0.02	0.09	14.9	32.4	Clear	No Odor
14:45	5	130	2.68	0.35	7.18	3.47	0.02	0.04	14.7	29.5	Clear	No Odor
14:50	5	130	2.68	0.52	7.25	3.57	0.02	0.04	14.6	28.1	Clear	No Odor
14:55	5	130	2.68	0.69	7.27	3.62	0.02	0.02	14.5	26.6	Clear	No Odor
15:00	5	130	2.68	0.86	7.26	3.64	0.02	0.10	14.6	25.4	Clear	No Odor
15:05	5	130	2.68	1.03	7.26	3.68	0.02	0.09	14.4	24.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-105S			Date	5-18-21
Project Name/Location	Ford LTP			Weather	69.1 degrees F and Mostly Clear. The wind is blowing SE at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.98	Total Depth (ft-bmp)	11.74	Water Column (ft.)	7.76	Gallons in Well	1.26
		Pump Intake (ft-bmp)	5.48	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.73				
Sample Time: Label	12:27	Volume Purged	2.18 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	11:24						
Purge End	12:32						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:26	0	150	4.00	0.00	6.27	1.29	14.70	1.55	14.9	156.7	Clear	No Odor
11:31	5	140	4.00	0.20	6.18	1.47	1.28	0.16	13.3	166.4	Clear	No Odor
11:36	5	140	4.00	0.38	6.66	2.09	4.35	0.06	13.3	142.9	Clear	No Odor
11:41	5	140	4.00	0.56	6.92	2.47	2.45	0.03	13.3	118.3	Clear	No Odor
11:46	5	140	4.00	0.74	7.03	2.56	1.22	0.01	13.3	97.2	Clear	No Odor
11:51	5	140	4.00	0.92	7.08	2.58	4.21	0.01	14.2	76.7	Clear	No Odor
11:56	5	140	4.00	1.10	7.17	2.59	1.68	0.00	14.3	54.9	Clear	No Odor
12:01	5	140	4.00	1.28	7.17	2.61	0.98	0.00	14.4	38.2	Clear	No Odor
12:06	5	140	4.00	1.46	7.16	2.62	0.05	0.01	14.4	25.0	Clear	No Odor
12:11	5	140	4.00	1.64	7.16	2.64	5.29	0.00	14.4	13.6	Clear	No Odor
12:16	5	140	4.00	1.82	7.16	2.65	4.20	0.01	14.6	3.5	Clear	No Odor
12:21	5	140	4.00	2.00	7.18	2.68	1.15	0.00	14.4	-5.8	Clear	No Odor
12:26	5	140	4.00	2.18	7.16	2.70	0.66	0.00	14.4	-9.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-106S			Date	5-18-21
Project Name/Location		Ford LTP		Weather	75.0 degrees F and Partly Cloudy. The wind is blowing S/SE at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.79	Total Depth (ft-bmp)	11.62	Water Column (ft.)	7.83	Gallons in Well	1.27
		Pump Intake (ft-bmp)	5.29	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.27				
Sample Time: Label	14:22	Volume Purged	1.61 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	13:44						
Purge End	14:27						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:45	0	175	3.96	0.00	7.63	0.72	5.33	1.70	13.8	98.2	Clear	No Odor
13:50	5	175	3.96	0.23	7.45	0.90	13.90	1.07	13.5	47.5	Clear	No Odor
13:55	5	175	3.96	0.46	7.35	1.02	11.20	0.50	13.4	5.5	Clear	No Odor
14:00	5	175	3.96	0.69	7.30	1.11	6.79	0.37	13.1	-22.4	Clear	No Odor
14:05	5	175	3.96	0.92	7.29	1.17	5.19	0.29	13.0	-30.2	Clear	No Odor
14:10	5	175	3.96	1.15	7.29	1.20	3.49	0.24	13.1	-35.6	Clear	No Odor
14:15	5	175	3.96	1.38	7.29	1.21	4.19	0.20	12.9	-35.0	Clear	No Odor
14:20	5	175	3.96	1.61	7.28	1.22	3.73	0.13	12.8	-39.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-107S			Date	5-6-21
Project Name/Location		Ford LTP		Weather	48.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.01	Total Depth (ft-bmp)	12.13	Water Column (ft.)	6.12	Gallons in Well	0.99
		Pump Intake (ft-bmp)	7.51	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.95				
Sample Time:	Label 9:57	Volume Purged	1.93 gallons	Replicate/Code No.	MW-107S-MS_050621, MW-107S-MSD_050621	Sampled by	Andrew Banitt
	Purge Start 8:55						
	Purge End 10:08						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:56	0	140	6.10	0.00	6.00	2.05	6.82	1.59	9.7	108.2	Clear	No Odor
9:01	5	130	6.28	0.18	6.79	1.72	2.04	0.29	9.4	39.4	Clear	No Odor
9:06	5	125	6.42	0.35	7.02	1.06	0.02	0.26	9.5	14.4	Clear	No Odor
9:11	5	125	6.54	0.52	7.07	0.77	0.02	0.28	9.5	-0.2	Clear	No Odor
9:16	5	120	6.61	0.69	7.09	0.77	0.02	0.37	9.5	-10.5	Clear	No Odor
9:21	5	120	6.66	0.85	7.12	0.79	0.02	0.39	9.6	-18.2	Clear	No Odor
9:26	5	120	6.69	1.01	7.14	0.81	0.02	0.36	9.6	-32.6	Clear	No Odor
9:31	5	120	6.72	1.17	7.16	0.82	0.02	0.35	9.7	-44.8	Clear	No Odor
9:36	5	115	6.74	1.33	7.18	0.83	0.02	0.29	9.7	-57.0	Clear	No Odor
9:41	5	115	6.76	1.48	7.20	0.84	0.02	0.26	9.7	-68.2	Clear	No Odor
9:46	5	115	6.78	1.63	7.23	0.84	0.02	0.25	9.8	-82.4	Clear	No Odor
9:51	5	115	6.80	1.78	7.24	0.85	0.02	0.24	9.8	-89.9	Clear	No Odor
9:56	5	115	6.81	1.93	7.20	0.85	0.02	0.24	9.8	-94.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Capitol ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-108S			Date	5-13-21
Project Name/Location		Ford LTP		Weather	57.0 degrees F and Clear. The wind is blowing SW at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.12	Total Depth (ft-bmp)	12.22	Water Column (ft.)	8.10	Gallons in Well	1.32
		Pump Intake (ft-bmp)	5.62	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.91				
Sample Time: Label	11:36	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:57						
Purge End	11:41						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:58	0	135	4.18	0.00	6.46	1.30	26.50	1.39	12.6	164.1	Clear	No Odor
11:03	5	125	4.21	0.18	6.56	1.25	17.40	0.66	12.0	95.0	Clear	No Odor
11:08	5	125	4.23	0.35	6.58	1.25	12.50	0.28	11.8	45.7	Clear	No Odor
11:13	5	125	4.23	0.52	6.66	1.27	4.83	0.14	11.8	10.9	Clear	No Odor
11:18	5	125	4.24	0.69	6.69	1.27	3.50	0.07	11.5	-2.5	Clear	No Odor
11:23	5	125	4.24	0.86	6.72	1.27	0.65	0.09	11.6	-8.5	Clear	No Odor
11:28	5	125	4.24	1.03	6.74	1.27	2.54	0.04	11.6	-14.5	Clear	No Odor
11:33	5	125	4.24	1.20	6.76	1.27	2.63	0.03	11.5	-18.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-131S			Date	5-18-21
Project Name/Location	Ford LTP			Weather	66.0 degrees F and Haze. The wind is blowing E at 3.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.23	Total Depth (ft-bmp)	12.68	Water Column (ft.)	7.45	Gallons in Well	1.21
		Pump Intake (ft-bmp)	6.73	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.69				
Sample Time: Label	10:40	Volume Purged	2.05 gallons	Replicate/Code No.	DUP-13	Sampled by	Andrew Banitt
Purge Start	9:36						
Purge End	10:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:38	0	140	5.28	0.00	6.42	2.05	0.02	1.25	12.2	159.4	Clear	No Odor
9:43	5	130	5.28	0.18	6.43	2.29	0.02	0.22	12.1	144.5	Clear	No Odor
9:48	5	125	5.28	0.35	6.64	2.40	0.30	0.05	12.3	107.5	Clear	No Odor
9:53	5	125	5.28	0.52	6.77	2.65	0.71	0.04	12.1	80.9	Clear	No Odor
9:58	5	125	5.28	0.69	6.92	2.97	0.55	0.02	12.2	60.8	Clear	No Odor
10:03	5	125	5.28	0.86	7.07	3.26	0.68	0.01	12.4	40.6	Clear	No Odor
10:08	5	125	5.28	1.03	7.11	3.34	0.02	0.00	12.2	25.3	Clear	No Odor
10:13	5	125	5.28	1.20	7.14	3.43	0.02	0.00	12.2	12.6	Clear	No Odor
10:18	5	125	5.28	1.37	7.15	3.48	0.02	0.01	12.1	0.2	Clear	No Odor
10:23	5	125	5.28	1.54	7.16	3.50	0.02	0.01	12.2	-9.0	Clear	No Odor
10:28	5	125	5.28	1.71	7.17	3.52	0.02	0.00	12.4	-16.9	Clear	No Odor
10:33	5	125	5.28	1.88	7.18	3.53	0.02	0.00	12.3	-24.0	Clear	No Odor
10:38	5	125	5.28	2.05	7.19	3.54	0.02	0.00	12.4	-29.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-132S			Date	5-18-21
Project Name/Location		Ford LTP		Weather	59.0 degrees F and Haze. The wind is blowing N/NE at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.87	Total Depth (ft-bmp)	12.37	Water Column (ft.)	6.50	Gallons in Well	1.06
		Pump Intake (ft-bmp)	7.37	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.98				
Sample Time: Label	9:09	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	8:36						
Purge End	9:13						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:37	0	145	5.89	0.00	6.54	1.22	0.02	2.29	13.1	171.1	Clear	No Odor
8:42	5	125	5.89	0.19	6.47	1.22	0.02	1.08	12.6	179.0	Clear	No Odor
8:47	5	125	5.89	0.36	6.64	1.22	0.02	0.96	12.8	174.4	Clear	No Odor
8:52	5	125	5.89	0.53	6.78	1.21	0.02	0.89	12.8	170.2	Clear	No Odor
8:57	5	125	5.89	0.70	6.88	1.21	0.02	0.85	12.8	167.2	Clear	No Odor
9:02	5	125	5.89	0.87	6.94	1.21	0.02	0.83	12.8	164.8	Clear	No Odor
9:07	5	125	5.89	1.04	6.98	1.20	0.02	0.84	12.8	163.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-133S			Date	5-10-21
Project Name/Location		Ford LTP		Weather	39.9 degrees F and Partly Cloudy. The wind is blowing N at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.62	Total Depth (ft-bmp)	8.48	Water Column (ft.)	1.86	Gallons in Well	0.30
		Pump Intake (ft-bmp)	8.12	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.50				
Sample Time: Label	9:47	Volume Purged	1.05 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	9:14						
Purge End	9:52						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:15	0	150	6.67	0.00	5.92	0.71	0.02	1.07	10.2	233.9	Clear	No Odor
9:20	5	130	6.65	0.20	6.31	0.65	0.02	0.76	10.0	229.0	Clear	No Odor
9:25	5	125	6.65	0.37	6.52	0.63	0.02	0.69	10.0	223.7	Clear	No Odor
9:30	5	125	6.65	0.54	6.65	0.63	0.02	0.65	9.9	218.6	Clear	No Odor
9:35	5	125	6.66	0.71	6.73	0.62	0.02	0.46	10.0	215.6	Clear	No Odor
9:40	5	125	6.65	0.88	6.78	0.62	0.02	0.47	9.9	213.4	Clear	No Odor
9:45	5	125	6.65	1.05	6.81	0.62	0.02	0.39	10.0	211.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-134S			Date	5-10-21
Project Name/Location		Ford LTP		Weather	51.1 degrees F and Mostly Cloudy. The wind is blowing W at 11 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.54	Total Depth (ft-bmp)	9.42	Water Column (ft.)	1.88	Gallons in Well	0.31
		Pump Intake (ft-bmp)	9.04	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.29				
Sample Time: Label	12:40	Volume Purged	1.02 gallons	Replicate/Code No.	MW-134S-MS_051021, MW-134S-MSD_051021	Sampled by	Andrew Banitt
Purge Start	12:06						
Purge End	12:52						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:07	0	125	7.58	0.00	6.37	0.61	40.90	1.99	11.0	205.7	Clear	No Odor
12:12	5	125	7.58	0.17	6.66	0.57	21.70	1.32	11.1	202.4	Clear	No Odor
12:17	5	125	7.58	0.34	6.82	0.56	5.68	1.00	11.0	198.8	Clear	No Odor
12:22	5	125	7.58	0.51	6.89	0.56	0.79	0.90	11.0	195.2	Clear	No Odor
12:27	5	125	7.58	0.68	6.94	0.55	0.15	0.79	11.1	192.1	Clear	No Odor
12:32	5	125	7.58	0.85	6.98	0.55	0.02	0.74	11.1	188.6	Clear	No Odor
12:37	5	125	7.58	1.02	7.01	0.55	0.02	0.75	11.1	185.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-135S			Date	5-13-21
Project Name/Location	Ford LTP			Weather	55.0 degrees F and Clear. The wind is blowing NW at 2.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.49	Total Depth (ft-bmp)	9.68	Water Column (ft.)	3.19	Gallons in Well	0.52
		Pump Intake (ft-bmp)	7.99	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.92				
Sample Time: Label	10:27	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	9:24						
Purge End	10:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:26	0	130	6.52	0.00	6.41	0.60	0.92	2.20	11.3	253.4	Clear	No Odor
9:31	5	130	6.52	0.17	6.55	0.52	0.03	0.90	10.9	245.5	Clear	No Odor
9:36	5	130	6.52	0.34	6.72	0.50	0.02	0.76	10.9	237.2	Clear	No Odor
9:41	5	130	6.52	0.51	6.83	0.50	0.02	0.84	10.9	230.4	Clear	No Odor
9:46	5	130	6.52	0.68	6.91	0.50	0.02	0.85	10.8	220.1	Clear	No Odor
9:51	5	130	6.52	0.85	6.98	0.50	0.02	0.80	10.9	206.0	Clear	No Odor
9:56	5	130	6.52	1.02	7.02	0.50	0.02	0.78	10.9	187.4	Clear	No Odor
10:01	5	130	6.52	1.19	7.05	0.50	0.02	0.75	10.9	175.5	Clear	No Odor
10:06	5	130	6.53	1.36	7.08	0.50	0.02	0.74	11.0	164.5	Clear	No Odor
10:11	5	130	6.53	1.53	7.10	0.50	0.02	0.71	10.9	149.0	Clear	No Odor
10:16	5	130	6.53	1.70	7.11	0.50	0.02	0.73	11.0	136.6	Clear	No Odor
10:21	5	130	6.53	1.87	7.12	0.50	0.02	0.71	11.0	122.9	Clear	No Odor
10:26	5	130	6.53	2.04	7.10	0.50	0.02	0.72	10.9	111.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-136S			Date	5-5-21
Project Name/Location		Ford LTP		Weather	43.0 degrees F and Cloudy. The wind is blowing N/NW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.62	Total Depth (ft-bmp)	7.15	Water Column (ft.)	3.53	Gallons in Well	0.57
		Pump Intake (ft-bmp)	5.12	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.81				
Sample Time: Label	10:31	Volume Purged	1.03 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	9:58						
Purge End	10:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:59	0	140	3.68	0.00	6.98	1.70	19.40	5.87	9.8	15.5	Clear	No Odor
10:04	5	125	3.72	0.18	7.08	1.72	5.04	0.69	9.3	-3.0	Clear	No Odor
10:09	5	130	3.77	0.35	7.12	1.73	4.90	0.42	9.4	-7.9	Clear	No Odor
10:14	5	125	3.80	0.52	7.13	1.73	0.02	0.28	9.5	-8.1	Clear	No Odor
10:19	5	125	3.81	0.69	7.15	1.73	0.02	0.22	9.5	-8.6	Clear	No Odor
10:24	5	125	3.81	0.86	7.15	1.72	0.02	0.15	9.5	-7.7	Clear	No Odor
10:29	5	125	3.82	1.03	7.16	1.72	0.02	0.16	9.5	-7.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Capitol ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-137S			Date	5-20-21
Project Name/Location		Ford LTP		Weather	79.0 degrees F and Mostly Cloudy. The wind is blowing SE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.61	Total Depth (ft-bmp)	7.01	Water Column (ft.)	3.40	Gallons in Well	0.55
		Pump Intake (ft-bmp)	5.11	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.51				
Sample Time: Label	11:45	Volume Purged	1.38 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	11:14						
Purge End	11:49						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:15	0	175	3.65	0.00	7.12	1.97	11.40	5.05	12.5	-10.2	Clear	No Odor
11:20	5	175	3.65	0.23	7.06	1.86	9.76	0.31	11.8	-36.3	Clear	No Odor
11:25	5	175	3.65	0.46	7.09	1.78	5.74	0.28	11.8	-34.8	Clear	No Odor
11:30	5	175	3.65	0.69	7.12	1.76	1.35	0.22	11.8	-36.7	Clear	No Odor
11:35	5	175	3.65	0.92	7.13	1.76	0.76	0.22	11.8	-37.8	Clear	No Odor
11:40	5	175	3.65	1.15	7.14	1.75	0.02	0.17	11.7	-39.1	Clear	No Odor
11:45	5	175	3.65	1.38	7.14	1.75	0.02	0.19	11.7	-40.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Brewster ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-138S			Date	5-18-21
Project Name/Location		Ford LTP		Weather	69.1 degrees F and Mostly Clear. The wind is blowing at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.91	Total Depth (ft-bmp)	5.97	Water Column (ft.)	4.06	Gallons in Well	0.66
		Pump Intake (ft-bmp)	3.41	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.09				
Sample Time: Label	11:05	Volume Purged	2.7 gallons	Replicate/Code No.	DUP-12	Sampled by	Allyson Hartz
Purge Start	10:34						
Purge End	11:11						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:35	0	175	2.00	0.00	7.20	2.45	3.92	0.69	13.2	-44.4	Clear	No Odor
10:40	5	175	2.00	0.23	7.22	2.49	4.87	0.27	13.2	-54.7	Clear	No Odor
10:45	5	175	2.00	0.46	7.24	2.63	3.00	0.11	12.7	-63.7	Clear	No Odor
10:50	5	175	2.00	0.69	7.27	2.67	4.45	0.10	12.8	-68.8	Clear	No Odor
10:55	5	1175	2.00	0.92	7.28	2.65	2.97	0.12	12.8	-69.5	Clear	No Odor
11:00	5	175	2.00	2.47	7.28	2.63	1.68	0.07	12.8	-69.8	Clear	No Odor
11:05	5	175	2.00	2.70	7.28	2.63	2.13	0.07	12.8	-70.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-139S			Date	5-12-21
Project Name/Location		Ford LTP		Weather	62.1 degrees F and Mostly Cloudy. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.26	Total Depth (ft-bmp)	6.90	Water Column (ft.)	3.64	Gallons in Well	0.59
		Pump Intake (ft-bmp)	4.76	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.17				
Sample Time: Label	15:16	Volume Purged	1.28 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	14:38						
Purge End	15:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:39	0	150	3.28	0.00	6.51	0.75	0.02	2.75	12.7	115.1	Clear	No Odor
14:44	5	140	3.28	0.20	6.73	0.71	0.02	0.29	11.9	71.3	Clear	No Odor
14:49	5	140	3.28	0.38	6.90	0.71	0.02	0.10	11.7	26.5	Clear	No Odor
14:54	5	140	3.28	0.56	6.97	0.71	0.02	0.04	11.6	9.7	Clear	No Odor
14:59	5	140	3.29	0.74	7.03	0.71	0.02	0.01	11.7	-1.8	Clear	No Odor
15:04	5	140	3.29	0.92	7.09	0.71	0.02	0.01	11.6	-11.7	Clear	No Odor
15:09	5	140	3.29	1.10	7.09	0.71	0.02	0.00	11.7	-15.0	Clear	No Odor
15:14	5	140	3.29	1.28	7.12	0.71	0.02	0.00	11.7	-18.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-140S			Date	5-13-21
Project Name/Location	Ford LTP			Weather	64.0 degrees F and Mostly Clear. The wind is blowing at 4.7 mph NW		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.46	Total Depth (ft-bmp)	6.45	Water Column (ft.)	1.99	Gallons in Well	0.32
		Pump Intake (ft-bmp)	5.96	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	9.75				
Sample Time: Label	13:45	Volume Purged	3.12 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	12:40						
Purge End	13:48						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:45	0	200	4.50	0.00	8.19	0.24	0.87	2.02	11.7	90.6	Clear	No Odor
12:50	5	200	4.50	0.26	8.05	0.25	1.89	1.73	12.2	100.7	Clear	No Odor
12:55	5	200	4.50	0.52	7.87	0.31	3.36	1.39	12.5	87.2	Clear	No Odor
13:00	5	200	4.50	0.78	7.73	0.40	1.99	1.10	12.6	64.4	Clear	No Odor
13:05	5	200	4.50	1.04	7.64	0.44	4.22	0.98	12.8	46.8	Clear	No Odor
13:10	5	200	4.50	1.30	7.61	0.45	1.87	0.80	12.7	21.4	Clear	No Odor
13:15	5	200	4.50	1.56	7.62	0.46	0.39	0.70	12.9	0.2	Clear	No Odor
13:20	5	200	4.50	1.82	7.60	0.46	0.34	0.63	12.7	-13.7	Clear	No Odor
13:25	5	200	4.50	2.08	7.59	0.47	1.81	0.62	12.7	-16.9	Clear	No Odor
13:30	5	200	4.50	2.34	7.59	0.48	1.05	0.57	12.7	-17.9	Clear	No Odor
13:35	5	200	4.50	2.60	7.59	0.48	0.19	0.53	12.0	-16.8	Clear	No Odor
13:40	5	200	4.50	2.86	7.57	0.48	0.55	0.59	12.4	-15.9	Clear	No Odor
13:45	5	200	4.50	3.12	7.57	0.48	0.48	0.52	12.5	-16.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-141S			Date	5-17-21
Project Name/Location		Ford LTP		Weather	70.0 degrees F and Cloudy. The wind is blowing S/SE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.19	Total Depth (ft-bmp)	7.68	Water Column (ft.)	1.49	Gallons in Well	0.24
		Pump Intake (ft-bmp)	7.19	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.75				
Sample Time: Label	13:31	Volume Purged	1.38 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	12:59						
Purge End	13:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:00	0	175	6.38	0.00	7.27	0.92	0.02	1.75	11.8	62.4	Clear	No Odor
13:05	5	175	6.38	0.23	7.19	0.92	8.65	3.16	12.4	70.3	Clear	No Odor
13:10	5	175	6.38	0.46	7.17	0.92	6.75	1.39	11.5	69.9	Clear	No Odor
13:15	5	175	6.38	0.69	7.16	0.92	4.73	1.06	11.4	69.7	Clear	No Odor
13:20	5	175	6.38	0.92	7.12	0.92	2.17	0.49	11.2	68.8	Clear	No Odor
13:25	5	175	6.38	1.15	7.12	0.92	2.48	0.37	11.2	66.3	Clear	No Odor
13:30	5	175	6.38	1.38	7.11	0.93	1.54	0.38	11.1	62.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-142S			Date	5-14-21
Project Name/Location		Ford LTP		Weather	45.0 degrees F and Clear. The wind is blowing WNW at 4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.52	Total Depth (ft-bmp)	6.74	Water Column (ft.)	2.22	Gallons in Well	0.36
		Pump Intake (ft-bmp)	6.02	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.69				
Sample Time: Label	9:06	Volume Purged	1.33 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	8:28						
Purge End	9:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:29	0	140	4.58	0.00	6.11	2.01	46.50	2.08	10.9	160.1	Cloudy	No Odor
8:34	5	135	4.58	0.18	6.21	1.92	36.40	0.76	10.6	92.6	Cloudy	No Odor
8:39	5	130	4.59	0.36	6.34	1.91	22.70	0.52	10.6	63.5	Clear	No Odor
8:44	5	150	4.62	0.53	6.44	1.92	5.82	0.32	10.5	43.3	Clear	No Odor
8:49	5	150	4.62	0.73	6.49	1.93	4.71	0.11	10.5	32.3	Clear	No Odor
8:54	5	150	4.62	0.93	6.54	1.93	0.02	0.09	10.5	23.2	Clear	No Odor
8:59	5	150	4.62	1.13	6.58	1.93	0.02	0.04	10.5	18.5	Clear	No Odor
9:04	5	150	4.62	1.33	6.60	1.93	0.02	0.05	10.5	15.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-192S			Date	5-6-21
Project Name/Location	Ford LTP			Weather	51.1 degrees F and Mostly Cloudy. The wind is blowing S at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.27	Total Depth (ft-bmp)	7.67	Water Column (ft.)	5.40	Gallons in Well	0.88
		Pump Intake (ft-bmp)	3.77	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.61				
Sample Time: Label	8:50	Volume Purged	2.3 gallons	Replicate/Code No.	MW-192S-MS_050621, MW-192S-MSD_050621	Sampled by	Allyson Hartz
Purge Start	7:59						
Purge End	9:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:00	0	175	2.41	0.00	7.51	0.89	5.96	0.44	10.1	189.6	Clear, Small White Particulates	No Odor
8:05	5	175	2.41	0.23	7.45	0.78	5.73	0.25	10.1	130.3	Clear, Small White Particulates	No Odor
8:10	5	175	2.41	0.46	7.38	0.99	1.81	0.20	9.8	100.8	Clear, Small Black Particulates	No Odor
8:15	5	175	2.41	0.69	7.35	1.43	1.29	0.20	9.7	68.3	Clear, Small Black Particulates	No Odor
8:20	5	175	2.41	0.92	7.38	1.52	0.29	0.21	9.6	23.6	Clear, Small White Particulates	No Odor
8:25	5	175	2.41	1.15	7.39	1.57	0.02	0.19	9.7	-0.2	Clear	No Odor
8:30	5	175	2.48	1.38	7.40	1.60	0.02	0.20	9.7	-13.9	Clear	No Odor
8:35	5	175	2.48	1.61	7.40	1.62	0.02	0.21	9.7	-22.8	Clear	No Odor
8:40	5	175	2.48	1.84	7.41	1.65	0.02	0.20	9.7	-29.7	Clear	No Odor
8:45	5	175	2.48	2.07	7.41	1.68	0.02	0.18	9.6	-33.5	Clear	No Odor
8:50	5	175	2.48	2.30	7.41	1.67	0.02	0.21	9.7	-35.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-30			Date	8-28-21
Project Name/Location	Ford LTP			Weather	73.0 degrees F and Fog/Mist. The wind is blowing SW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19-24	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.45	Total Depth (ft-bmp)	24.70	Water Column (ft.)	15.25	Gallons in Well	2.48
		Pump Intake (ft-bmp)	21.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.50				
Sample Time: Label	9:15	Volume Purged	1.23 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	8:39						
Purge End	9:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:40	0	120	9.45	0.00	7.44	5.52	14.80	1.15	18.6	-134.9	Clear	No Odor
8:45	5	130	9.45	0.16	7.48	5.56	27.60	0.35	19.1	-152.4	Clear, Small Orange Particulates	No Odor
8:50	5	140	10.18	0.33	7.48	5.59	21.80	0.17	18.7	-153.3	Clear, Small Orange Particulates	No Odor
8:55	5	140	10.17	0.51	7.48	5.58	18.30	0.10	18.4	-152.6	Clear, Small Orange Particulates	No Odor
9:00	5	140	9.73	0.69	7.48	5.57	12.10	0.07	18.2	-152.9	Clear, Small Orange Particulates	No Odor
9:05	5	140	9.73	0.87	7.48	5.54	4.84	0.04	18.2	-153.2	Clear, Small Orange Particulates	No Odor
9:10	5	140	9.73	1.05	7.48	5.56	3.41	0.03	18.2	-153.0	Clear, Small Orange Particulates	No Odor
9:15	5	140	9.73	1.23	7.48	5.55	4.27	0.04	18.3	-151.6	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	On-site; east of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-31			Date	8-28-21
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Partly Cloudy. The wind is blowing SW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.60	Total Depth (ft-bmp)	21.70	Water Column (ft.)	12.10	Gallons in Well	1.97
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.61				
Sample Time: Label	11:20	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
Purge Start	10:45						
Purge End	11:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	150	9.73	0.00	7.36	14.92	2.11	0.28	18.2	-94.6	Clear	No Odor
10:55	5	150	9.70	0.20	7.30	14.95	3.85	0.19	18.4	-92.0	Clear	No Odor
11:00	5	150	9.70	0.40	7.23	14.84	3.54	0.15	19.1	-91.0	Clear	No Odor
11:05	5	150	9.70	0.60	7.27	14.77	3.43	0.12	19.1	-89.3	Clear	No Odor
11:10	5	150	9.70	0.80	7.27	14.75	2.02	0.11	19.1	-89.0	Clear	No Odor
11:15	5	150	9.70	1.00	7.26	14.63	1.11	0.09	19.1	-88.6	Clear	No Odor
11:20	5	150	9.70	1.20	7.26	14.55	0.08	0.08	19.1	-88.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Bolts don't thread into tabs

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Onsite; East	Well Locked at Arrival:	n/a
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-32			Date	8-4-21
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Mostly Clear. The wind is blowing N at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	18-23	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.97	Total Depth (ft-bmp)	22.81	Water Column (ft.)	13.84	Gallons in Well	2.25
		Pump Intake (ft-bmp)	20.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.60				
Sample Time: Label	13:00	Volume Purged	1.34 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	12:15						
Purge End	13:08						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	120	8.97	0.00	7.24	3.33	20.80	0.27	15.8	-130.8	Clear, Small Orange Particulates	Faint Odor
12:25	5	120	8.45	0.16	7.22	3.33	15.60	0.11	15.5	-116.0	Clear, Small Orange Particulates	Faint Odor
12:30	5	130	8.45	0.32	7.21	3.33	14.20	0.05	15.5	-112.0	Clear, Small Orange Particulates	Faint Odor
12:35	5	130	8.45	0.49	7.21	3.37	10.40	0.36	15.9	-107.9	Clear, Small Orange Particulates	No Odor
12:40	5	130	8.45	0.66	7.21	3.41	6.09	0.10	16.2	-110.2	Clear, Small Orange Particulates	No Odor
12:45	5	130	8.45	0.83	7.21	3.45	7.65	0.05	16.0	-108.2	Clear, Small Orange Particulates	No Odor
12:50	5	130	8.45	1.00	7.21	3.50	4.98	0.01	16.1	-108.3	Clear, Small Orange Particulates	No Odor
12:55	5	130	8.45	1.17	7.21	3.53	4.59	0.00	16.2	-107.3	Clear, Small Orange Particulates	No Odor
13:00	5	130	8.45	1.34	7.21	3.55	3.38	0.00	15.8	-107.2	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	On-site; south	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-33			Date	8-2-21
Project Name/Location	Ford LTP			Weather	64.9 degrees F and Clear. The wind is blowing N at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.86	Total Depth (ft-bmp)	18.66	Water Column (ft.)	10.80	Gallons in Well	1.75
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.90				
Sample Time: Label	11:10	Volume Purged	1.57 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	10:08						
Purge End	11:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:10	0	100	8.06	0.00	6.92	3.47	15.10	5.55	16.2	102.3	Clear, Small Orange Particulates	No Odor
10:15	5	100	8.01	0.13	6.94	3.44	139.00	4.24	16.1	52.7	Clear, Small Orange Particulates	No Odor
10:20	5	100	8.01	0.26	6.95	3.43	9.75	3.99	16.0	28.4	Clear, Small Orange Particulates	No Odor
10:25	5	100	8.01	0.39	6.95	3.48	4.39	3.41	16.0	17.7	Clear, Small Orange Particulates	No Odor
10:30	5	100	8.01	0.55	6.95	3.54	4.23	2.83	16.2	10.5	Clear, Small Orange Particulates	No Odor
10:35	5	100	8.01	0.68	6.95	3.64	4.70	2.93	15.8	0.0	Clear, Small Orange Particulates	No Odor
10:40	5	100	8.01	0.81	6.97	3.69	3.48	2.43	16.0	-13.6	Clear, Small Orange Particulates	No Odor
10:45	5	100	8.01	0.94	6.96	3.85	2.58	2.13	16.2	-25.6	Clear, Small Orange Particulates	No Odor
10:50	5	100	8.01	1.07	6.96	3.84	3.24	1.84	16.1	-29.9	Clear, Small Orange Particulates	No Odor
10:55	5	100	8.01	1.18	6.96	3.91	2.35	1.67	16.2	-37.6	Clear, Small Orange Particulates	No Odor
11:00	5	100	8.01	1.31	6.98	3.89	1.96	1.47	16.1	-45.6	Clear, Small Orange Particulates	No Odor
11:05	5	100	8.01	1.44	6.98	3.90	2.25	1.36	16.0	-54.4	Clear, Small Orange Particulates	No Odor
11:10	5	100	8.01	1.57	6.98	3.99	1.14	1.50	16.1	-58.9	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	On-site; south of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-34			Date	8-28-21
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Partly Cloudy. The wind is blowing SW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.5-21.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.78	Total Depth (ft-bmp)	21.25	Water Column (ft.)	12.47	Gallons in Well	2.03
		Pump Intake (ft-bmp)	19.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.38				
Sample Time: Label	11:16	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:43						
Purge End	11:22						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:45	0	100	9.20	0.00	7.19	12.10	8.46	0.82	20.0	-52.4	Clear	No Odor
10:50	5	100	9.38	0.13	7.23	12.05	7.10	0.30	19.7	-89.2	Clear	No Odor
10:55	5	100	9.44	0.26	7.23	12.02	7.84	0.21	19.3	-99.3	Clear	No Odor
11:00	5	100	9.45	0.39	7.23	11.95	2.89	0.22	20.0	-104.7	Clear	No Odor
11:05	5	100	9.45	0.52	7.23	11.86	4.01	0.09	19.5	-108.4	Clear	No Odor
11:10	5	100	9.45	0.65	7.24	11.81	3.03	0.08	19.3	-109.3	Clear	No Odor
11:15	5	100	9.45	0.78	7.23	11.73	2.80	0.10	19.5	-110.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Onsite; East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-35			Date	8-21-21
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Haze. The wind is blowing S at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.5-24.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.17	Total Depth (ft-bmp)	19.50	Water Column (ft.)	11.33	Gallons in Well	1.84
		Pump Intake (ft-bmp)	18.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.09				
Sample Time: Label	10:48	Volume Purged	2 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	9:54						
Purge End	10:51						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:55	0	150	8.23	0.00	7.96	6.04	25.70	1.07	19.3	-47.4	Clear	No Odor
10:00	5	150	8.23	0.20	7.76	5.82	9.83	0.37	18.8	-103.7	Clear	No Odor
10:05	5	150	8.23	0.40	7.74	5.81	10.50	0.26	18.6	-130.8	Clear	No Odor
10:10	5	150	8.23	0.60	7.75	5.82	14.00	0.18	18.3	-141.0	Clear	No Odor
10:15	5	150	8.23	0.80	7.74	5.81	16.00	0.20	18.4	-145.1	Clear	No Odor
10:20	5	150	8.23	1.00	7.73	5.78	18.80	0.16	18.1	-148.0	Clear	No Odor
10:25	5	150	8.23	1.20	7.71	5.75	16.90	0.14	18.0	-150.4	Clear	No Odor
10:30	5	150	8.23	1.40	7.70	5.63	20.20	0.15	18.1	-153.2	Clear	No Odor
10:35	5	150	8.23	1.60	7.69	5.59	16.50	0.11	17.9	-155.2	Clear	No Odor
10:40	5	150	8.23	1.80	7.69	5.54	16.50	0.09	17.9	-156.4	Clear	No Odor
10:45	5	150	8.23	2.00	7.68	5.47	15.60	0.08	17.8	-157.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-38			Date	8-3-21
Project Name/Location	Ford LTP			Weather	73.0 degrees F and Mostly Cloudy. The wind is blowing NW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.91	Total Depth (ft-bmp)	19.48	Water Column (ft.)	11.57	Gallons in Well	1.88
		Pump Intake (ft-bmp)	17.40	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.07				
Sample Time: Label	12:16	Volume Purged	2.02 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	11:14						
Purge End	12:24						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:15	0	120	7.90	0.00	7.37	3.17	16.10	3.14	16.3	-110.3	Clear, Small Black Particulates	No Odor
11:20	5	120	7.90	0.16	7.35	3.20	16.10	0.62	15.8	-114.2	Clear, Small Black Particulates	No Odor
11:25	5	130	8.21	0.32	7.37	3.14	11.50	0.26	15.9	-123.6	Clear, Small Black Particulates	No Odor
11:30	5	130	8.21	0.49	7.36	3.19	11.70	0.20	15.7	-127.8	Clear, Small Black Particulates	No Odor
11:35	5	130	8.18	0.66	7.36	3.19	10.20	0.13	15.6	-131.4	Clear, Small Black Particulates	No Odor
11:40	5	130	8.18	0.83	7.35	3.24	10.60	0.12	15.6	-133.1	Clear, Small Black Particulates	No Odor
11:45	5	130	8.18	1.00	7.34	3.24	12.40	0.11	15.8	-127.1	Clear, Small Black Particulates	No Odor
11:50	5	130	8.18	1.17	7.34	3.22	11.20	0.11	15.7	-126.5	Clear, Small Black Particulates	No Odor
11:55	5	130	8.18	1.34	7.34	3.20	9.80	0.07	15.7	-129.5	Clear, Small Black Particulates	No Odor
12:00	5	130	8.18	1.51	7.34	3.19	9.07	0.06	15.6	-133.0	Clear, Small Black Particulates	No Odor
12:05	5	130	8.18	1.68	7.34	3.20	12.10	0.04	15.8	-133.0	Clear, Small Black Particulates	No Odor
12:10	5	130	8.18	1.85	7.34	3.20	12.00	0.04	16.0	-134.9	Clear, Small Black Particulates	No Odor
12:15	5	130	8.18	2.02	7.34	3.18	12.50	0.03	15.7	-136.0	Clear, Small Black Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	On-site; south of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-39			Date	8-2-21
Project Name/Location	Ford LTP			Weather	71.1 degrees F and Mostly Clear. The wind is blowing at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.5-24.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.55	Total Depth (ft-bmp)	24.14	Water Column (ft.)	13.59	Gallons in Well	2.21
		Pump Intake (ft-bmp)	22.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.76				
Sample Time: Label	12:40	Volume Purged	1.68 gallons	Replicate/Code No.	MW-39-MS_080221, MW-39-MSD_080221	Sampled by	Christian Garrido
Purge Start	11:50						
Purge End	12:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:55	0	160	10.60	0.00	7.10	3.73	0.02	2.98	18.4	124.0	Clear, Small White Particulates	No Odor
12:00	5	160	10.58	0.21	7.00	4.43	1.86	1.18	18.5	114.9	Clear, Small White Particulates	No Odor
12:05	5	160	10.58	0.42	6.98	4.56	0.02	0.32	18.3	67.2	Clear	No Odor
12:10	5	160	10.58	0.63	6.99	4.50	0.02	0.29	17.9	47.2	Clear	No Odor
12:15	5	160	10.60	0.84	7.00	4.40	0.02	0.23	17.6	32.5	Clear, Small White Particulates	No Odor
12:20	5	160	10.58	1.05	7.01	4.35	0.02	0.19	17.9	22.8	Clear	No Odor
12:25	5	160	10.58	1.26	7.02	4.31	0.02	0.15	18.0	15.8	Clear	No Odor
12:30	5	160	10.58	1.47	7.02	4.29	0.02	0.15	18.1	11.8	Clear	No Odor
12:35	5	160	10.58	1.68	7.02	4.28	0.02	0.13	17.8	7.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	On-site;south of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-40			Date	8-28-21
Project Name/Location	Ford LTP			Weather	73.0 degrees F and Fog/Mist. The wind is blowing SW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.48	Total Depth (ft-bmp)	19.62	Water Column (ft.)	10.14	Gallons in Well	1.65
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.73				
Sample Time: Label	10:00	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
Purge Start	9:25						
Purge End	10:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:30	0	150	9.65	0.00	7.17	15.54	8.71	0.72	18.5	-78.3	Clear	No Odor
9:35	5	150	9.60	0.20	7.17	15.62	10.60	0.32	18.8	-97.4	Clear	No Odor
9:40	5	150	9.60	0.40	7.18	15.70	4.90	0.24	18.7	-100.8	Clear	No Odor
9:45	5	150	9.60	0.60	7.18	15.73	3.35	0.19	18.8	-101.2	Clear	No Odor
9:50	5	150	9.60	0.80	7.19	15.73	2.98	0.15	18.8	-100.2	Clear	No Odor
9:55	5	150	9.60	1.00	7.20	15.77	4.21	0.13	18.7	-99.9	Clear	No Odor
10:00	5	150	9.60	1.20	7.20	15.71	2.21	0.13	18.8	-98.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite; East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-41			Date	8-28-21
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Partly Cloudy. The wind is blowing SW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.75	Total Depth (ft-bmp)	20.93	Water Column (ft.)	12.18	Gallons in Well	1.98
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.45				
Sample Time: Label	11:10	Volume Purged	0.9 gallons	Replicate/Code No.	DUP-04	Sampled by	Christian Garrido
Purge Start	10:38						
Purge End	11:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	110	8.75	0.00	8.13	14.60	0.02	4.82	19.3	-188.9	Clear	No Odor
10:45	5	110	8.75	0.15	7.52	14.37	0.02	0.70	20.1	-183.2	Clear	No Odor
10:50	5	110	9.14	0.30	7.42	14.39	0.02	0.52	19.7	-148.1	Clear	No Odor
10:55	5	110	9.14	0.45	7.33	14.32	0.02	0.40	19.5	-132.9	Clear	No Odor
11:00	5	110	9.14	0.60	7.30	14.30	0.02	0.34	19.0	-127.8	Clear	No Odor
11:05	5	110	9.14	0.75	7.28	14.28	0.02	0.08	18.9	-123.7	Clear	No Odor
11:10	5	110	8.90	0.90	7.27	14.24	0.02	0.05	18.9	-122.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	On-site; east of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-42			Date	8-28-21
Project Name/Location	Ford LTP			Weather	81.0 degrees F and Partly Cloudy. The wind is blowing S/SW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.38	Total Depth (ft-bmp)	20.43	Water Column (ft.)	12.05	Gallons in Well	1.96
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.80				
Sample Time: Label	12:46	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:43						
Purge End	12:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:45	0	100	8.52	0.00	7.09	26.15	5.80	0.48	20.5	-58.4	Clear	No Odor
11:50	5	100	8.50	0.13	7.16	27.30	5.54	0.18	20.6	-111.0	Clear	No Odor
11:55	5	100	8.52	0.26	7.17	26.28	5.08	0.06	20.1	-120.0	Clear	No Odor
12:00	5	100	8.52	0.39	7.18	25.77	6.00	0.04	19.7	-128.7	Clear	No Odor
12:05	5	100	8.52	0.52	7.18	25.55	4.98	0.03	19.7	-132.8	Clear	No Odor
12:10	5	100	8.52	0.65	7.19	25.48	5.26	0.02	19.7	-133.6	Clear	No Odor
12:15	5	100	8.52	0.78	7.19	25.54	6.38	0.03	19.7	-136.0	Clear	No Odor
12:20	5	100	8.52	0.91	7.20	25.52	5.89	0.03	19.7	-138.1	Clear	No Odor
12:25	5	100	8.52	1.04	7.20	25.59	13.40	0.03	19.7	-139.6	Clear	No Odor
12:30	5	100	8.52	1.17	7.20	25.67	12.70	0.02	19.6	-140.7	Clear	No Odor
12:35	5	100	8.52	1.30	7.21	25.76	19.40	0.03	19.5	-142.1	Clear	No Odor
12:40	5	100	8.52	1.43	7.20	25.54	9.11	0.02	19.8	-142.4	Clear	No Odor
12:45	5	100	8.52	1.56	7.21	25.55	7.36	0.04	19.7	-142.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Onsite; East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-43			Date	8-21-21
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Haze. The wind is blowing S at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.27	Total Depth (ft-bmp)	21.75	Water Column (ft.)	14.48	Gallons in Well	2.35
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.66				
Sample Time: Label	11:26	Volume Purged	1.56 gallons	Replicate/Code No.	MW-43-MS_082121, MW-43-MSD_082121	Sampled by	Gary Schafer
Purge Start	10:22						
Purge End	11:42						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:25	0	100	7.40	0.00	7.36	13.72	78.10	0.54	19.2	-91.3	Brown, Turbid	Faint Odor
10:30	5	100	7.38	0.13	7.38	13.90	46.60	0.35	19.8	-111.7	Brown, Turbid	Faint Odor
10:35	5	100	7.40	0.26	7.39	13.66	36.30	0.15	18.8	-120.8	Brown, Turbid	Faint Odor
10:40	5	100	7.40	0.39	7.40	13.62	21.10	0.09	18.3	-126.2	Brown, Turbid	Faint Odor
10:45	5	100	7.40	0.52	7.41	13.66	20.60	0.07	18.5	-129.0	Brown, Turbid	Faint Odor
10:50	5	100	7.40	0.65	7.40	13.73	31.00	0.09	18.6	-131.1	Brown, Turbid	Faint Odor
10:55	5	100	7.40	0.78	7.40	13.72	14.80	0.10	19.0	-132.3	Brown, Clear	Faint Odor
11:00	5	100	7.40	0.91	7.40	13.87	13.70	0.08	19.0	-133.8	Brown, Clear	Faint Odor
11:05	5	100	7.40	1.04	7.40	13.94	16.50	0.09	19.7	-134.7	Brown, Clear	Faint Odor
11:10	5	100	7.40	1.17	7.40	13.92	14.70	0.05	19.0	-135.2	Brown, Clear	Faint Odor
11:15	5	100	7.40	1.30	7.40	13.93	8.47	0.06	19.0	-134.8	Clear	Faint Odor
11:20	5	100	7.40	1.43	7.40	13.95	8.10	0.07	19.0	-137.1	Clear	Faint Odor
11:25	5	100	7.40	1.56	7.40	13.96	7.72	0.09	19.0	-136.7	Clear	Faint Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-45			Date	8-9-21
Project Name/Location	Ford LTP			Weather	76.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.29	Total Depth (ft-bmp)	19.88	Water Column (ft.)	9.59	Gallons in Well	1.56
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.83				
Sample Time: Label	9:10	Volume Purged	1.3 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	8:15						ST
Purge End	9:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:15	0	100	10.29	0.00	7.49	0.38	46.00	3.32	17.5	198.3	Clear, Small Orange Particulates	No Odor
8:20	5	100	10.29	0.13	7.00	5.90	9.84	0.33	16.7	-44.9	Clear, Small Orange Particulates	No Odor
8:25	5	100	10.29	0.26	7.02	5.95	7.22	0.32	16.7	-53.9	Clear, Small Orange Particulates	No Odor
8:30	5	100	10.29	0.39	7.30	5.96	6.29	0.25	16.7	-60.5	Clear	No Odor
8:35	5	100	10.29	0.52	7.03	5.97	5.85	0.20	16.7	-63.9	Clear	No Odor
8:40	5	100	10.29	0.65	7.01	5.98	4.74	0.16	16.7	-68.9	Clear	No Odor
8:45	5	100	10.29	0.78	7.05	5.98	4.67	0.14	16.6	-73.6	Clear	No Odor
8:50	5	100	10.29	0.91	7.08	6.02	5.24	0.11	16.6	-87.5	Clear	No Odor
8:55	5	100	10.29	1.04	7.09	6.03	3.99	0.10	16.6	-86.9	Clear	No Odor
9:00	5	100	10.29	1.17	7.09	6.03	4.71	0.08	16.6	-93.2	Clear	No Odor
9:05	5	100	10.29	1.30	7.10	6.03	4.25	0.08	16.7	-94.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-46			Date	8-5-21
Project Name/Location	Ford LTP			Weather	85.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.55	Total Depth (ft-bmp)	19.71	Water Column (ft.)	10.16	Gallons in Well	1.65
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.55				
Sample Time: Label	14:10	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	13:25						ST
Purge End	14:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:30	0	100	9.55	0.00	7.49	7.78	35.10	0.74	19.3	-144.3	Clear, Small Black Particulates	Slight Odor
13:35	5	100	9.55	0.13	7.53	7.29	53.20	0.26	19.2	-160.3	Small Black Particulates	Faint Odor
13:40	5	100	9.55	0.26	7.54	7.59	36.00	0.23	18.9	-163.5	Clear, Small Black Particulates	Faint Odor
13:45	5	100	9.55	0.39	7.50	8.05	16.70	0.22	19.0	-162.4	Clear, Small Black Particulates	Faint Odor
13:50	5	100	9.55	0.52	7.50	8.13	6.13	0.20	18.7	-162.0	Clear	Faint Odor
13:55	5	100	9.55	0.65	7.49	8.12	0.02	0.20	18.8	-161.1	Clear	Faint Odor
14:00	5	100	9.55	0.78	7.49	8.20	0.02	0.20	18.8	-160.8	Clear	Faint Odor
14:05	5	100	9.55	0.91	7.48	8.25	0.02	0.19	18.9	-160.2	Clear	Faint Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Onsite; Southwest	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-47			Date	8-5-21
Project Name/Location	Ford LTP			Weather	85.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.27	Total Depth (ft-bmp)	20.10	Water Column (ft.)	10.83	Gallons in Well	1.76
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.89				
Sample Time: Label	13:00	Volume Purged	1.56 gallons	Replicate/Code No.	DUP-03	Sampled by	Seth Turner
Purge Start	12:00						
Purge End	13:05						

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Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:00	0	100	9.45	0.00	7.19	10.82	363.00	1.20	19.4	7.2	Brown, Cloudy	No Odor
12:05	5	100	9.45	0.13	7.16	10.82	135.00	0.28	19.4	-103.8	Brown, Cloudy	No Odor
12:10	5	100	9.46	0.26	7.17	10.68	1.59	0.05	19.8	-120.2	Brown	No Odor
12:15	5	100	9.45	0.39	7.18	10.78	332.00	0.18	19.3	-121.1	Brown	No Odor
12:20	5	100	9.59	0.52	7.18	10.32	507.00	0.18	17.8	-120.2	Brown, Cloudy, Turbid	No Odor
12:25	5	100	9.45	0.65	7.21	9.47	88.00	0.31	18.0	-116.2	Cloudy, Turbid	No Odor
12:30	5	100	9.45	0.78	7.21	9.71	69.00	0.29	19.0	-117.2	Turbid	No Odor
12:35	5	100	9.45	0.91	7.21	9.87	33.70	0.30	19.1	-115.2	Cloudy	No Odor
12:40	5	100	9.45	1.04	7.21	9.88	27.90	0.30	19.0	-114.0	Cloudy	No Odor
12:45	5	100	9.45	1.17	7.20	9.81	26.00	0.29	19.2	-112.8	Clear, Cloudy	No Odor
12:50	5	100	9.45	1.30	7.21	9.87	20.30	0.30	19.0	-112.8	Clear, Cloudy	No Odor
12:55	5	100	9.45	1.43	7.21	9.95	15.60	0.30	18.9	-112.8	Clear	No Odor
13:00	5	100	9.45	1.56	7.20	9.96	9.85	0.30	18.9	-112.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Onsite; West	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-48			Date	8-10-21
Project Name/Location	Ford LTP			Weather	75.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.70	Total Depth (ft-bmp)	20.27	Water Column (ft.)	11.57	Gallons in Well	1.88
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.05				
Sample Time: Label	10:42	Volume Purged	1.97 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	9:39						
Purge End	10:48						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:40	0	120	8.70	0.00	8.50	0.40	98.30	5.15	20.1	68.1	Cloudy, Small Black Particulates	No Odor
9:45	5	120	8.70	0.16	8.39	0.38	104.00	1.81	20.7	60.5	Cloudy, Small Black Particulates	No Odor
9:50	5	120	9.25	0.32	8.30	0.36	89.10	1.48	20.2	51.0	Cloudy, Small Orange Particulates	No Odor
9:55	5	120	9.25	0.48	8.14	0.43	61.10	1.07	19.8	32.3	Cloudy, Small Orange Particulates	No Odor
10:00	5	120	9.25	0.64	8.06	0.51	44.90	0.80	19.7	8.8	Clear, Small Orange Particulates	No Odor
10:05	5	120	9.50	0.80	8.01	0.75	138.00	0.30	18.5	-149.6	Clear, Small Orange Particulates	No Odor
10:10	5	120	9.25	0.96	8.00	0.69	106.00	0.34	19.7	-135.2	Clear, Small Orange Particulates	No Odor
10:15	5	130	9.20	1.12	7.98	0.83	62.00	0.26	20.2	-109.5	Clear, Small Orange Particulates	No Odor
10:20	5	130	9.25	1.29	7.94	1.03	37.50	0.21	20.3	-94.8	Clear, Small Orange Particulates	No Odor
10:25	5	130	9.25	1.46	7.91	1.27	23.40	0.14	20.5	-92.4	Clear, Small Orange Particulates	No Odor
10:30	5	130	9.25	1.63	7.90	1.42	18.20	0.07	20.0	-102.6	Clear, Small Orange Particulates	No Odor
10:35	5	130	9.25	1.80	7.88	1.57	13.80	0.04	19.8	-108.3	Clear, Small Orange Particulates	No Odor
10:40	5	130	9.25	1.97	7.86	1.71	14.00	0.00	19.9	-111.2	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-50			Date	8-9-21
Project Name/Location	Ford LTP			Weather	84.9 degrees F and Mostly Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.87	Total Depth (ft-bmp)	14.50	Water Column (ft.)	7.63	Gallons in Well	1.24
		Pump Intake (ft-bmp)	13.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.13				
Sample Time: Label	14:06	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	13:27						
Purge End	14:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:30	0	150	6.80	0.00	7.61	0.20	22.80	8.00	21.6	87.5	Clear, Small Orange Particulates	Faint Odor
13:35	5	150	6.80	0.20	7.33	0.23	11.70	0.21	18.7	59.4	Clear, Small Orange Particulates	Faint Odor
13:40	5	150	6.80	0.40	7.18	0.43	7.46	0.06	18.6	-51.0	Clear, Small Orange Particulates	Faint Odor
13:45	5	150	6.80	0.60	7.30	0.54	1.73	0.43	19.1	-73.3	Clear, Small Orange Particulates	No Odor
13:50	5	150	6.80	0.80	7.38	0.98	1.14	0.00	19.4	-73.8	Clear, Small Orange Particulates	No Odor
13:55	5	150	6.80	1.00	7.48	1.00	0.77	0.02	19.5	-82.2	Clear, Small Orange Particulates	No Odor
14:00	5	150	6.80	1.20	7.38	1.01	0.53	0.01	19.6	-83.0	Clear, Small Orange Particulates	No Odor
14:05	5	150	6.80	1.40	7.38	1.02	0.02	0.02	19.5	-83.4	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-52			Date	8-21-21
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Haze. The wind is blowing S at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.18	Total Depth (ft-bmp)	19.75	Water Column (ft.)	12.57	Gallons in Well	2.04
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.45				
Sample Time: Label	9:51	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:13						
Purge End	9:58						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:15	0	100	7.24	0.00	7.33	6.13	44.40	1.04	18.8	-88.8	Brown, Turbid	No Odor
9:20	5	100	7.25	0.13	7.38	6.23	30.50	0.24	18.0	-112.1	Brown, Turbid	No Odor
9:25	5	100	7.25	0.26	7.39	6.34	25.40	0.23	18.9	-120.3	Brown, Turbid	No Odor
9:30	5	100	7.25	0.39	7.39	6.43	26.80	0.15	18.5	-123.2	Brown, Turbid	No Odor
9:35	5	100	7.25	0.52	7.40	6.51	23.10	0.12	18.6	-125.6	Brown, Turbid	No Odor
9:40	5	100	7.25	0.65	7.40	6.65	24.30	0.09	18.5	-126.2	Brown, Turbid	No Odor
9:45	5	100	7.25	0.78	7.40	6.74	22.40	0.09	18.6	-126.6	Brown, Turbid	No Odor
9:50	5	100	7.25	0.91	7.40	6.81	23.80	0.08	18.9	-126.3	Brown, Turbid	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-53			Date	8-4-21
Project Name/Location	Ford LTP			Weather	83.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.51	Total Depth (ft-bmp)	20.64	Water Column (ft.)	14.13	Gallons in Well	2.30
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.51				
Sample Time: Label	12:20	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	11:30						ST
Purge End	12:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:30	0	100	6.51	0.00	7.45	6.48	122.00	3.44	18.0	-25.0	Clear, Cloudy, Gray	No Odor
11:35	5	100	6.51	0.13	7.30	7.02	21.60	0.37	18.1	-127.8	Clear	No Odor
11:40	5	100	6.51	0.26	7.31	7.02	11.70	0.34	18.2	-130.2	Clear	No Odor
11:45	5	100	6.51	0.39	7.31	6.93	3.44	0.25	17.0	-128.7	Clear	No Odor
11:50	5	100	6.51	0.52	7.32	6.88	3.19	0.23	17.1	-128.6	Clear	No Odor
11:55	5	100	6.51	0.65	7.33	8.82	0.02	0.23	16.9	-129.5	Clear	No Odor
12:00	5	100	6.51	0.78	7.34	8.82	0.02	0.23	16.7	-129.0	Clear	No Odor
12:05	5	100	6.51	0.91	7.34	6.79	0.02	0.23	16.7	-128.2	Clear	No Odor
12:10	5	100	6.51	1.04	7.34	6.77	0.02	0.24	16.7	-127.8	Clear	No Odor
12:15	5	100	6.51	1.17	7.34	6.79	0.02	0.24	16.5	-126.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Onsite; Northeast	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-54			Date	8-4-21
Project Name/Location	Ford LTP			Weather	75.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.54	Total Depth (ft-bmp)	20.85	Water Column (ft.)	14.31	Gallons in Well	2.33
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.50				
Sample Time: Label	11:00	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	10:10						ST
Purge End	11:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:10	0	100	6.54	0.00	7.41	11.21	111.10	1.32	20.3	-70.0	Black, Gray	No Odor
10:15	5	100	6.54	0.13	7.39	11.74	86.20	0.26	17.3	-139.1	Clear, Gray	No Odor
10:20	5	100	6.54	0.26	7.39	11.45	18.30	0.22	17.9	-145.4	Clear	No Odor
10:25	5	100	6.54	0.39	7.39	11.26	11.40	0.17	17.9	-153.7	Clear	No Odor
10:30	5	100	6.54	0.52	7.40	11.24	12.70	0.17	18.1	-156.7	Clear	No Odor
10:35	5	100	6.54	0.65	7.40	11.21	7.44	0.14	18.2	-160.0	Clear	No Odor
10:40	5	100	6.54	0.78	7.40	11.24	6.32	0.17	18.4	-161.5	Clear	No Odor
10:45	5	100	6.54	0.91	7.38	11.22	4.00	0.16	18.6	-162.2	Clear	No Odor
10:50	5	100	6.54	1.04	7.39	11.29	1.45	0.16	18.4	-163.7	Clear	No Odor
10:55	5	100	6.54	1.17	7.39	11.30	0.10	0.17	18.6	-163.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Onsite; North	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-54S			Date	8-4-21
Project Name/Location	Ford LTP			Weather	70.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.63	Total Depth (ft-bmp)	9.25	Water Column (ft.)	3.62	Gallons in Well	0.59
		Pump Intake (ft-bmp)	7.13	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.98				
Sample Time: Label	9:50	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	9:00						ST
Purge End	9:58						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:00	0	100	5.63	0.00	6.82	0.56	29.90	2.01	17.9	264.8	Clear	No Odor
9:05	5	100	5.71	0.13	6.87	0.52	20.90	1.79	18.4	266.9	Clear	No Odor
9:10	5	100	5.85	0.26	7.31	0.51	9.81	2.01	19.1	258.1	Clear	No Odor
9:15	5	100	6.02	0.39	7.36	0.52	2.14	2.10	19.1	260.3	Clear	No Odor
9:20	5	100	6.19	0.52	7.39	0.52	1.56	2.15	18.8	261.6	Clear	No Odor
9:25	5	100	6.32	0.65	7.43	0.52	1.23	1.95	18.9	255.3	Clear	No Odor
9:30	5	100	6.58	0.78	7.40	0.55	0.02	1.23	20.3	233.2	Clear	No Odor
9:35	5	100	6.85	0.91	7.44	0.55	0.02	1.06	20.4	228.5	Clear	No Odor
9:40	5	100	6.97	1.04	7.45	0.55	0.02	1.08	20.0	227.0	Clear	No Odor
9:45	5	100	7.06	1.17	7.40	0.55	0.02	1.00	20.0	228.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Onsite; North	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-57			Date	8-4-21
Project Name/Location	Ford LTP			Weather	82.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.99	Total Depth (ft-bmp)	21.68	Water Column (ft.)	15.69	Gallons in Well	2.55
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.56				
Sample Time: Label	13:45	Volume Purged	1.43 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	12:45						ST
Purge End	13:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:45	0	100	5.99	0.00	7.76	11.80	42.60	1.25	18.7	-43.9	Clear	No Odor
12:50	5	100	5.99	0.13	7.49	12.25	29.10	0.41	20.0	-128.8	Clear, Cloudy	No Odor
12:55	5	100	5.99	0.26	7.38	13.02	19.50	0.20	19.9	-138.4	Clear	No Odor
13:00	5	100	5.99	0.39	7.34	13.36	12.80	0.25	19.3	-141.5	Clear	No Odor
13:05	5	100	5.99	0.52	7.33	13.42	8.19	0.25	19.1	-141.9	Clear	No Odor
13:10	5	100	5.99	0.65	7.32	13.48	5.32	0.25	19.1	-142.2	Clear	No Odor
13:15	5	100	5.99	0.78	7.33	13.45	3.29	0.25	18.9	-142.3	Clear	No Odor
13:20	5	100	5.99	0.91	7.33	13.42	2.78	0.24	19.0	143.1	Clear	No Odor
13:25	5	100	5.99	1.04	7.33	13.35	1.68	0.24	19.0	-143.4	Clear	No Odor
13:30	5	100	5.99	1.17	7.33	13.34	0.02	0.24	19.0	-144.2	Clear	No Odor
13:35	5	100	5.99	1.30	7.33	13.34	0.02	0.24	19.0	-144.2	Clear	No Odor
13:40	5	100	5.99	1.43	7.33	13.34	0.02	0.24	19.0	-144.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Onsite; North	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-62			Date	8-10-21
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Cloudy. The wind is blowing SW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.20	Total Depth (ft-bmp)	21.15	Water Column (ft.)	12.95	Gallons in Well	2.10
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.49				
Sample Time: Label	11:51	Volume Purged	1.02 gallons	Replicate/Code No.	MW-62-MS_081021, MW-62-MSD_081021	Sampled by	Christian Garrido
Purge Start	11:16						
Purge End	12:04						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	130	8.20	0.00	7.12	5.06	0.02	2.06	20.7	-110.0	Clear, Small White Particulates	Faint Odor
11:25	5	130	8.20	0.17	7.12	5.09	0.02	0.19	20.7	-113.6	Clear, Small Orange Particulates	No Odor
11:30	5	130	8.20	0.34	7.12	5.11	1.90	0.08	20.6	-115.1	Clear	No Odor
11:35	5	130	8.20	0.51	7.11	5.14	0.30	0.03	20.6	-115.6	Clear	No Odor
11:40	5	130	8.60	0.68	7.11	5.14	0.02	0.01	20.6	-116.3	Clear	No Odor
11:45	5	130	8.60	0.85	7.11	5.14	0.02	0.00	20.5	-116.7	Clear	No Odor
11:50	5	130	8.60	1.02	7.11	5.12	0.02	0.00	20.6	-116.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-63			Date	8-9-21
Project Name/Location	Ford LTP			Weather	82.0 degrees F and Mostly Cloudy. The wind is blowing S at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.20	Total Depth (ft-bmp)	11.79	Water Column (ft.)	4.59	Gallons in Well	0.75
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.44				
Sample Time: Label	12:46	Volume Purged	1.08 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	12:10						
Purge End	12:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:15	0	140	7.20	0.00	7.30	5.89	0.02	5.49	22.0	88.2	Clear	No Odor
12:20	5	140	7.20	0.18	7.29	6.07	0.02	4.89	22.1	69.6	Clear	No Odor
12:25	5	140	7.20	0.36	7.28	6.14	0.02	4.61	22.1	61.1	Clear	No Odor
12:30	5	140	7.20	0.54	7.28	6.17	0.02	4.55	21.8	57.2	Clear	No Odor
12:35	5	140	7.35	0.72	7.32	6.33	0.02	4.38	21.7	52.8	Clear	No Odor
12:40	5	140	7.35	0.90	7.29	6.22	0.02	4.27	21.8	50.0	Clear	No Odor
12:45	5	140	7.35	1.08	7.29	6.19	0.02	4.22	21.5	49.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-64			Date	8-9-21
Project Name/Location	Ford LTP			Weather	85.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.84	Total Depth (ft-bmp)	20.04	Water Column (ft.)	11.20	Gallons in Well	1.82
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.43				
Sample Time: Label	12:25	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	11:45						ST
Purge End	12:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:50	0	100	8.84	0.00	7.17	5.61	62.00	0.27	19.0	-15.1	Clear	No Odor
11:55	5	100	8.84	0.13	7.12	5.67	27.00	0.29	19.4	-27.9	Clear	No Odor
12:00	5	100	8.84	0.26	7.12	5.68	16.70	0.33	19.5	-44.3	Clear	No Odor
12:05	5	100	8.84	0.39	7.14	5.67	9.95	0.16	19.0	-62.2	Clear	No Odor
12:10	5	100	8.84	0.52	7.17	5.66	0.02	0.15	19.6	-70.1	Clear	No Odor
12:15	5	100	8.84	0.65	7.18	5.65	0.02	0.14	19.8	-76.6	Clear	No Odor
12:20	5	100	8.84	0.78	7.19	5.67	0.02	0.13	19.6	-77.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-67			Date	8-12-21
Project Name/Location	Ford LTP			Weather	70.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.84	Total Depth (ft-bmp)	14.03	Water Column (ft.)	5.19	Gallons in Well	0.84
		Pump Intake (ft-bmp)	11.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.81				
Sample Time: Label	11:35	Volume Purged	2.36 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	10:40						ST
Purge End	11:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:45	0	100	8.84	0.00	7.13	6.33	27.00	0.28	19.9	-18.9	Clear	No Odor
10:50	5	100	8.84	1.32	7.10	6.32	26.70	0.18	19.8	-13.2	Clear	No Odor
10:55	5	100	8.84	1.45	7.10	6.33	22.80	0.16	19.8	-12.2	Clear	No Odor
11:00	5	100	8.84	1.58	7.08	6.33	15.30	0.11	19.9	-9.5	Clear	No Odor
11:05	5	100	8.84	1.71	7.09	6.32	11.00	0.10	19.9	-10.1	Clear	No Odor
11:10	5	100	8.84	1.84	7.09	6.31	9.38	0.09	19.9	-9.4	Clear	No Odor
11:15	5	100	8.84	1.97	7.09	6.32	7.60	0.07	19.9	-9.1	Clear	No Odor
11:20	5	100	8.84	2.10	7.09	6.32	0.02	0.07	19.9	-9.8	Clear	No Odor
11:25	5	100	8.84	2.23	7.09	6.32	0.02	0.07	19.9	-9.8	Clear	No Odor
11:30	5	100	8.84	2.36	7.09	6.32	0.02	0.07	19.9	-10.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-68			Date	8-5-21
Project Name/Location	Ford LTP			Weather	80.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.67	Total Depth (ft-bmp)	19.86	Water Column (ft.)	11.19	Gallons in Well	1.82
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.50				
Sample Time: Label	11:45	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	11:05						ST
Purge End	11:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	100	8.67	0.00	6.88	8.16	6.09	1.30	18.6	201.2	Clear	No Odor
11:10	5	100	8.67	0.13	7.09	8.13	3.41	1.05	19.1	186.3	Clear	No Odor
11:15	5	100	8.67	0.26	7.33	8.09	1.38	1.35	19.4	161.0	Clear	No Odor
11:20	5	100	8.67	0.39	7.37	8.15	0.02	0.88	19.1	145.4	Clear	No Odor
11:25	5	100	8.67	0.52	7.39	8.13	0.02	0.76	18.7	135.9	Clear	No Odor
11:30	5	100	8.67	0.65	7.40	8.10	0.02	0.54	19.1	114.4	Clear	No Odor
11:35	5	100	8.67	0.78	7.41	8.11	0.02	0.52	18.9	115.4	Clear	No Odor
11:40	5	100	8.67	0.91	7.40	8.09	0.02	0.51	18.9	113.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Onsite; West	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-69			Date	8-11-21
Project Name/Location	Ford LTP			Weather	81.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.21	Total Depth (ft-bmp)	19.91	Water Column (ft.)	10.70	Gallons in Well	1.74
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.82				
Sample Time: Label	11:30	Volume Purged	1.43 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	10:25						ST
Purge End	11:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	100	9.21	0.00	7.17	15.38	386.00	0.37	18.6	-123.7	Brown, Cloudy	No Odor
10:35	5	100	9.21	0.13	7.15	15.22	180.00	0.29	19.2	-125.6	Brown, Clear, Cloudy	No Odor
10:40	5	100	9.21	0.26	7.15	15.31	71.90	0.22	19.2	-128.8	Clear, Cloudy	No Odor
10:45	5	100	9.21	0.39	7.15	15.29	44.40	0.17	19.5	-131.4	Clear, Cloudy	No Odor
10:50	5	100	9.21	0.52	7.16	15.28	47.40	0.13	19.5	-132.5	Clear, Cloudy	No Odor
10:55	5	100	9.21	0.65	7.18	15.23	20.90	0.02	19.5	-141.2	Clear, Cloudy	No Odor
11:00	5	100	9.21	0.78	7.12	15.13	26.80	0.15	19.3	-123.1	Clear, Cloudy	No Odor
11:05	5	100	9.21	0.91	7.17	15.13	15.90	0.11	19.5	-128.1	Clear, Cloudy	No Odor
11:10	5	100	9.21	1.04	7.17	15.07	10.70	0.07	19.5	-132.4	Clear	No Odor
11:15	5	100	9.21	1.17	7.14	15.04	8.65	0.06	19.3	-134.8	Clear	No Odor
11:20	5	100	9.21	1.30	7.17	14.93	8.28	0.06	19.4	-135.7	Clear	No Odor
11:25	5	100	9.21	1.43	7.17	14.89	7.98	0.05	19.5	-136.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-70			Date	8-5-21
Project Name/Location	Ford LTP			Weather	80.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.54	Total Depth (ft-bmp)	20.10	Water Column (ft.)	9.56	Gallons in Well	1.55
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.54				
Sample Time: Label	10:00	Volume Purged	0.83 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	9:15						ST
Purge End	10:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:20	0	100	10.54	0.00	7.06	8.96	50.10	0.76	21.2	-102.6	Clear	No Odor
9:25	5	100	10.54	0.13	7.00	8.87	23.10	0.37	21.2	-100.9	Clear	No Odor
9:30	5	100	10.54	0.26	7.02	9.04	10.20	0.32	21.0	-103.1	Clear	No Odor
9:35	5	100	10.54	0.39	7.02	9.04	0.02	0.30	21.0	-104.7	Clear	No Odor
9:40	5	100	10.54	0.52	7.02	9.08	0.02	0.27	20.8	-105.7	Clear	No Odor
9:45	5	100	10.54	0.70	7.02	9.07	0.02	0.26	20.9	-106.3	Clear	No Odor
9:50	5	100	10.54	0.83	7.02	9.11	0.02	0.25	20.8	-106.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Onsite; Southwest	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-71			Date	8-9-21
Project Name/Location	Ford LTP			Weather	80.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.44	Total Depth (ft-bmp)	19.65	Water Column (ft.)	8.21	Gallons in Well	1.33
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.68				
Sample Time: Label	10:10	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	9:25						ST
Purge End	10:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:30	0	100	11.44	0.00	7.12	19.63	13.70	0.59	18.6	-103.5	Clear	No Odor
9:35	5	100	11.44	0.13	7.12	19.75	11.00	0.39	18.6	-109.6	Clear	No Odor
9:40	5	100	11.44	0.26	7.13	19.73	17.70	0.26	18.5	-115.7	Clear	No Odor
9:45	5	100	11.44	0.39	7.13	19.70	18.10	0.25	18.5	-118.6	Clear	No Odor
9:50	5	100	11.44	0.52	7.14	19.56	9.89	0.17	18.4	-120.1	Clear	No Odor
9:55	5	100	11.44	0.65	7.14	19.19	4.61	0.18	18.5	-120.0	Clear	No Odor
10:00	5	100	11.44	0.78	7.14	19.23	3.09	0.18	18.4	-119.6	Clear	No Odor
10:05	5	100	11.44	0.91	7.14	19.31	2.48	0.16	18.4	-119.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-208S			Date	8-28-21
Project Name/Location	Ford LTP			Weather	81.0 degrees F and Partly Cloudy. The wind is blowing S/SW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.05	Total Depth (ft-bmp)	13.58	Water Column (ft.)	3.53	Gallons in Well	0.57
		Pump Intake (ft-bmp)	11.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.74				
Sample Time: Label	12:30	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
Purge Start	11:50						
Purge End	12:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:55	0	200	10.10	0.00	6.89	3.38	35.80	0.88	20.5	45.4	Clear	No Odor
12:00	5	200	10.10	0.26	6.92	3.51	10.00	0.82	20.8	-2.3	Clear	No Odor
12:05	5	200	10.10	0.52	6.96	3.55	5.29	0.84	20.8	-29.3	Clear	No Odor
12:10	5	200	10.10	0.78	6.99	3.70	4.21	0.85	20.7	-31.3	Clear	No Odor
12:15	5	200	10.10	1.04	7.00	3.82	4.10	0.87	20.6	-22.4	Clear	No Odor
12:20	5	200	10.10	1.30	7.01	3.87	3.54	0.91	20.7	-17.0	Clear	No Odor
12:25	5	200	10.10	1.56	7.02	3.88	2.88	0.93	20.4	-15.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Onsite; East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-209S			Date	8-28-21
Project Name/Location	Ford LTP			Weather	75.9 degrees F and Haze. The wind is blowing SW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.37	Total Depth (ft-bmp)	12.80	Water Column (ft.)	3.43	Gallons in Well	0.56
		Pump Intake (ft-bmp)	10.87	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.71				
Sample Time: Label	10:10	Volume Purged	0.96 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	9:38						
Purge End	10:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:40	0	120	9.37	0.00	8.33	10.00	0.02	0.73	20.9	20.4	Clear, Small Orange Particulates	No Odor
9:45	5	120	9.37	0.16	7.28	9.57	0.02	0.32	21.3	-70.2	Clear, Small Orange Particulates	No Odor
9:50	5	120	9.82	0.32	7.18	9.51	0.02	0.15	21.0	-40.8	Clear	No Odor
9:55	5	120	9.82	0.48	7.15	9.44	0.02	0.09	20.9	-17.2	Clear	No Odor
10:00	5	120	9.82	0.64	7.14	9.39	0.02	0.07	20.9	-7.9	Clear	No Odor
10:05	5	120	9.82	0.80	7.14	9.41	0.02	0.07	20.9	-8.8	Clear	No Odor
10:10	5	120	9.82	0.96	7.13	9.52	0.02	0.03	20.7	-7.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	On-site; east of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-210S			Date	8-28-21
Project Name/Location	Ford LTP			Weather	73.0 degrees F and Fog/Mist. The wind is blowing SW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.33	Total Depth (ft-bmp)	12.69	Water Column (ft.)	3.36	Gallons in Well	0.55
		Pump Intake (ft-bmp)	10.83	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.84				
Sample Time: Label	10:21	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:17						
Purge End	10:28						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:20	0	100	9.32	0.00	7.00	13.59	50.50	0.52	21.0	-88.7	Cloudy	No Odor
9:25	5	100	9.32	0.13	7.12	13.95	41.90	1.71	21.0	-98.3	Cloudy	No Odor
9:30	5	100	9.32	0.26	7.17	13.91	40.30	1.60	20.8	-101.5	Cloudy	No Odor
9:35	5	100	9.33	0.39	7.18	13.89	37.80	1.40	20.8	-101.8	Cloudy	No Odor
9:40	5	100	9.33	0.52	7.19	13.87	36.50	1.47	20.7	-100.6	Cloudy	No Odor
9:45	5	100	9.33	0.65	7.20	13.80	33.50	1.25	20.7	-100.4	Cloudy	No Odor
9:50	5	100	9.33	0.78	7.20	13.75	30.00	1.22	20.6	-99.0	Clear	No Odor
9:55	5	100	9.33	0.91	7.21	13.73	25.10	1.19	20.6	-97.9	Turbid	No Odor
10:00	5	100	9.33	1.04	7.21	13.74	22.00	1.19	20.6	-96.4	Turbid	No Odor
10:05	5	100	9.33	1.17	7.21	13.82	18.30	1.10	20.6	-94.4	Clear	No Odor
10:10	5	100	9.34	1.30	7.20	13.85	14.30	1.03	20.9	-93.6	Clear	No Odor
10:15	5	100	9.34	1.43	7.21	13.77	10.90	1.02	20.9	-93.1	Clear	No Odor
10:20	5	100	9.34	1.56	7.21	13.80	7.77	1.04	21.0	-92.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Onsite; East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-211S			Date	8-21-21
Project Name/Location		Ford LTP		Weather	72.0 degrees F and Fog and Fog/Mist.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.90	Total Depth (ft-bmp)	11.86	Water Column (ft.)	3.96	Gallons in Well	0.64
		Pump Intake (ft-bmp)	9.40	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.84				
Sample Time: Label	9:41	Volume Purged	2.46 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	8:39						
Purge End	9:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:40	0	200	7.94	0.00	7.25	11.96	16.40	0.72	21.3	216.9	Clear, Small Black Particulates	No Odor
8:45	5	150	7.94	0.26	7.22	12.10	15.20	0.41	21.0	171.9	Clear, Small Black Particulates	No Odor
8:50	5	150	7.94	0.46	7.23	12.69	27.90	0.30	21.0	91.0	Clear, Small Black Particulates	No Odor
8:55	5	150	7.94	0.66	7.24	13.18	27.20	0.21	20.9	20.2	Clear	No Odor
9:00	5	150	7.94	0.86	7.25	13.83	40.70	0.17	20.9	-7.3	Clear	No Odor
9:05	5	150	7.94	1.06	7.25	14.17	47.80	0.13	20.9	-24.8	Clear	No Odor
9:10	5	150	7.94	1.26	7.26	14.50	49.10	0.14	21.0	-23.6	Clear	No Odor
9:15	5	150	7.94	1.46	7.27	14.66	23.70	0.14	20.9	-13.4	Clear	No Odor
9:20	5	150	7.94	1.66	7.27	14.78	14.40	0.12	21.1	-4.2	Clear	No Odor
9:25	5	150	7.94	1.86	7.28	14.81	12.00	0.10	21.1	4.3	Clear	No Odor
9:30	5	150	7.94	2.06	7.28	14.86	9.33	0.09	21.1	11.2	Clear	No Odor
9:35	5	150	7.94	2.26	7.28	14.95	6.63	0.08	21.2	16.2	Clear	No Odor
9:40	5	150	7.94	2.46	7.29	14.97	6.47	0.08	21.2	18.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-212S			Date	8-21-21
Project Name/Location	Ford LTP			Weather	75.9 degrees F and Partly Cloudy. The wind is blowing S at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-11.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.42	Total Depth (ft-bmp)	11.17	Water Column (ft.)	3.75	Gallons in Well	0.61
		Pump Intake (ft-bmp)	8.92	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.30				
Sample Time: Label	11:42	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	11:04						
Purge End	11:46						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	150	7.44	0.00	7.19	7.83	30.40	0.73	22.1	1.9	Clear	No Odor
11:10	5	150	7.44	0.20	7.14	9.05	20.70	0.50	21.6	1.8	Clear	No Odor
11:15	5	150	7.44	0.40	7.13	9.23	12.10	0.20	21.2	-25.4	Clear	No Odor
11:20	5	150	7.44	0.60	7.14	9.14	10.30	0.15	21.0	-28.2	Clear	No Odor
11:25	5	150	7.44	0.80	7.16	9.09	6.91	0.12	21.2	-31.1	Clear	No Odor
11:30	5	150	7.44	1.00	7.17	8.98	5.58	0.10	21.3	-33.6	Clear	No Odor
11:35	5	150	7.44	1.20	7.17	8.95	5.14	0.09	21.3	-35.8	Clear	No Odor
11:40	5	150	7.44	1.40	7.17	8.83	5.53	0.08	21.1	-37.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-213S			Date	8-21-21
Project Name/Location	Ford LTP			Weather	80.1 degrees F and Mostly Clear. The wind is blowing S at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.10	Total Depth (ft-bmp)	10.80	Water Column (ft.)	3.70	Gallons in Well	0.60
		Pump Intake (ft-bmp)	8.60	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.60				
Sample Time: Label	13:11	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:07						
Purge End	13:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:10	0	100	7.13	0.00	7.08	13.60	5.06	0.43	22.6	73.4	Clear	No Odor
12:15	5	100	7.13	0.13	7.10	13.45	15.00	0.26	22.4	28.7	Clear	No Odor
12:20	5	100	7.13	0.26	7.11	13.17	16.20	0.21	22.4	-5.3	Clear	No Odor
12:25	5	100	7.13	0.39	7.11	12.88	12.30	0.14	22.4	-26.4	Clear	No Odor
12:30	5	100	7.13	0.52	7.11	12.87	12.10	0.14	22.3	-27.7	Clear	No Odor
12:35	5	100	7.13	0.65	7.12	12.73	11.60	0.19	22.3	-36.2	Clear	No Odor
12:40	5	100	7.13	0.78	7.13	12.68	9.35	0.20	22.4	-38.6	Clear	No Odor
12:45	5	100	7.13	0.91	7.14	12.59	6.36	0.19	22.6	-44.4	Clear	No Odor
12:50	5	100	7.13	1.04	7.14	12.47	6.78	0.21	22.6	-47.4	Clear	No Odor
12:55	5	100	7.13	1.17	7.15	12.39	5.26	0.18	22.2	-50.1	Clear	No Odor
13:00	5	100	7.13	1.30	7.15	12.35	4.61	0.23	22.3	-53.2	Clear	No Odor
13:05	5	100	7.13	1.43	7.16	12.30	3.91	0.23	22.2	-56.0	Clear	No Odor
13:10	5	100	7.13	1.56	7.16	12.30	3.51	0.22	22.3	-57.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-218S			Date	8-2-21
Project Name/Location	Ford LTP			Weather	77.0 degrees F and Mostly Cloudy. The wind is blowing at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.19	Total Depth (ft-bmp)	13.15	Water Column (ft.)	2.96	Gallons in Well	0.48
		Pump Intake (ft-bmp)	11.70	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.17				
Sample Time: Label	14:10	Volume Purged	1.52 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	13:28						
Purge End	14:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:30	0	145	10.18	0.00	6.98	1.85	0.02	3.15	16.8	125.1	Clear, Small White Particulates	No Odor
13:35	5	145	10.20	0.19	6.99	2.36	0.02	0.73	16.9	73.6	Clear, Small White Particulates	No Odor
13:40	5	145	10.18	0.38	7.04	3.12	0.02	0.36	16.6	42.1	Clear	No Odor
13:45	5	145	10.18	0.57	7.04	3.23	0.02	0.70	17.0	38.3	Clear	No Odor
13:50	5	145	10.18	0.76	7.05	3.15	0.02	0.70	16.4	29.1	Clear	No Odor
13:55	5	145	10.18	0.95	7.05	3.20	0.02	0.73	15.9	20.3	Clear	No Odor
14:00	5	145	10.18	1.14	7.05	3.20	0.02	0.71	16.5	16.8	Clear	No Odor
14:05	5	145	10.18	1.33	7.05	3.19	0.02	0.71	16.5	14.0	Clear	No Odor
14:10	5	145	10.18	1.52	7.05	3.23	0.02	0.68	16.5	9.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	On-site; south of oroperty	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-219S			Date	8-3-21
Project Name/Location	Ford LTP			Weather	75.9 degrees F and Partly Cloudy. The wind is blowing W at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.24	Total Depth (ft-bmp)	11.28	Water Column (ft.)	4.04	Gallons in Well	0.66
		Pump Intake (ft-bmp)	8.75	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.70				
Sample Time: Label	13:42	Volume Purged	1.12 gallons	Replicate/Code No.	MW-219S-MS_080321, MW-219S-MSD_080321	Sampled by	Christian Garrido
Purge Start	13:00						
Purge End	14:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:05	0	120	7.25	0.00	6.96	13.78	7.21	3.57	19.1	33.4	Clear	No Odor
13:10	5	120	7.24	0.16	6.97	15.05	1.23	2.26	18.4	52.6	Clear	No Odor
13:15	5	120	7.27	0.32	6.97	15.46	0.02	2.20	18.2	59.7	Clear	No Odor
13:20	5	120	7.27	0.48	6.97	15.85	0.02	2.24	18.6	63.7	Clear	No Odor
13:25	5	120	7.27	0.64	6.97	16.19	0.02	2.20	18.4	65.8	Clear	No Odor
13:30	5	120	7.27	0.80	6.98	16.52	0.02	2.22	18.7	62.6	Clear	No Odor
13:35	5	120	7.27	0.96	6.98	16.77	0.02	2.15	18.7	59.0	Clear	No Odor
13:40	5	120	7.27	1.12	6.98	16.80	0.02	2.22	18.2	57.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	On-site; south of property	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	PW-16-01			Date	8-6-21
Project Name/Location	Ford LTP			Weather	80.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.7-19.7	Casing Diameter (in.)	6	Well Material	PVC
Static Water Level (ft-bmp)	8.32	Total Depth (ft-bmp)	21.49	Water Column (ft.)	13.17	Gallons in Well	19.26
		Pump Intake (ft-bmp)	14.70	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.06				
Sample Time: Label	12:30	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	11:35						ST
Purge End	12:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:40	0	100	8.32	0.00	7.26	6.18	21.50	1.41	19.0	-113.5	Clear, Small Brown Particulates	No Odor
11:45	5	100	7.26	0.13	7.25	6.19	11.80	0.34	18.7	-131.5	Clear	No Odor
11:50	5	100	7.26	0.26	7.26	6.17	9.06	0.24	18.4	-139.8	Clear, Small Orange Particulates	No Odor
11:55	5	100	7.26	0.39	7.27	6.16	6.96	0.19	18.4	-145.1	Clear, Small Orange Particulates	No Odor
12:00	5	100	7.26	0.52	7.28	6.16	8.69	0.22	18.2	-146.6	Clear, Small Orange Particulates	No Odor
12:05	5	100	7.26	0.65	7.29	6.15	5.18	0.19	18.2	-148.6	Clear, Small Orange Particulates	No Odor
12:10	5	100	7.26	0.78	7.29	6.13	5.23	0.17	18.2	-149.2	Clear, Small Orange Particulates	No Odor
12:15	5	100	7.26	0.91	7.30	6.12	4.63	0.17	18.2	-149.5	Clear, Small Orange Particulates	No Odor
12:20	5	100	7.26	1.04	7.30	6.10	2.34	0.15	18.3	-149.8	Clear, Small Orange Particulates	No Odor
12:25	5	100	7.26	1.17	7.30	6.09	0.02	0.16	18.1	-149.5	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-88S			Date	8-4-21
Project Name/Location		Ford LTP		Weather	80.1 degrees F and Cloudy. The wind is blowing SW at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.25	Total Depth (ft-bmp)	12.88	Water Column (ft.)	6.63	Gallons in Well	1.08
		Pump Intake (ft-bmp)	7.75	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.89				
Sample Time: Label	12:06	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:03						
Purge End	12:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	125	6.28	0.00	9.42	0.16	1.81	0.97	17.8	38.6	Clear	No Odor
11:10	5	125	6.28	0.17	9.44	0.16	0.63	0.45	17.4	32.0	Clear	No Odor
11:15	5	125	6.28	0.34	9.47	0.16	1.25	0.31	17.2	21.4	Clear	No Odor
11:20	5	125	6.28	0.51	9.48	0.16	1.00	0.32	16.7	13.6	Clear	No Odor
11:25	5	125	6.28	0.68	9.46	0.17	0.72	0.26	16.6	2.7	Clear	No Odor
11:30	5	125	6.28	0.85	9.47	0.17	0.66	0.25	17.0	-11.6	Clear	No Odor
11:35	5	125	6.28	1.02	9.45	0.17	0.44	0.20	16.8	-25.7	Clear	No Odor
11:40	5	125	6.28	1.19	9.43	0.18	0.60	0.21	17.0	-42.6	Clear	No Odor
11:45	5	125	6.28	1.36	9.41	0.18	1.36	0.19	16.9	-62.7	Clear	No Odor
11:50	5	125	6.28	1.53	9.40	0.19	0.52	0.17	16.8	-81.0	Clear	No Odor
11:55	5	125	6.28	1.70	9.40	0.19	0.11	0.17	16.6	-96.1	Clear	No Odor
12:00	5	125	6.28	1.87	9.38	0.19	0.25	0.17	16.5	-111.1	Clear	No Odor
12:05	5	125	6.28	2.04	9.37	0.19	0.02	0.16	16.5	-121.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34965 Wadsworth; backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-89S			Date	8-5-21
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Mostly Cloudy. The wind is blowing W/SW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.50	Total Depth (ft-bmp)	12.62	Water Column (ft.)	8.12	Gallons in Well	1.32
		Pump Intake (ft-bmp)	6.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.52				
Sample Time: Label	11:30	Volume Purged	2 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	10:34						
Purge End	11:32						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:35	0	150	4.52	0.00	7.52	1.46	12.40	0.68	17.2	106.3	Clear, Small Orange Particulates	No Odor
10:40	5	150	4.51	0.20	7.32	1.79	6.95	0.32	16.6	72.8	Clear, Small Orange Particulates	No Odor
10:45	5	150	4.51	0.40	7.24	1.97	3.87	0.24	16.4	52.6	Clear, Small Orange Particulates	No Odor
10:50	5	150	4.51	0.60	7.06	2.91	3.77	0.33	16.2	48.0	Clear, Small Orange Particulates	No Odor
10:55	5	150	4.51	0.80	7.01	3.52	2.25	0.35	16.1	29.5	Clear, Small Orange Particulates	No Odor
11:00	5	150	4.51	1.00	7.02	3.76	1.06	0.34	16.1	-2.8	Clear, Small Orange Particulates	No Odor
11:05	5	150	4.51	1.20	7.05	3.91	1.44	0.32	16.1	-41.5	Clear, Small Orange Particulates	No Odor
11:10	5	150	4.51	1.40	7.07	3.97	1.23	0.32	16.0	-62.7	Clear, Small Orange Particulates	No Odor
11:15	5	150	4.51	1.60	7.09	3.98	1.30	0.30	16.1	-79.7	Clear	No Odor
11:20	5	150	4.51	1.80	7.10	3.97	0.82	0.30	16.2	-81.1	Clear	No Odor
11:25	5	150	4.51	2.00	7.12	3.96	1.42	0.30	16.3	-84.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34940 Beacon; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-90S			Date	8-18-21
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Haze. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.88	Total Depth (ft-bmp)	12.20	Water Column (ft.)	8.32	Gallons in Well	1.35
		Pump Intake (ft-bmp)	5.38	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.71				
Sample Time: Label	11:01	Volume Purged	0.96 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	10:27						
Purge End	11:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	120	3.88	0.00	6.85	1.29	0.02	1.90	21.8	116.7	Clear	No Odor
10:35	5	120	3.88	0.16	6.79	1.24	0.02	1.51	21.9	120.1	Clear	No Odor
10:40	5	120	4.10	0.32	6.77	1.21	0.02	1.22	21.7	127.4	Clear	No Odor
10:45	5	120	4.10	0.48	6.76	1.20	0.02	1.15	21.6	132.4	Clear	No Odor
10:50	5	120	4.10	0.64	6.75	1.19	0.02	1.15	21.6	136.4	Clear	No Odor
10:55	5	120	3.90	0.80	6.74	1.19	0.02	1.15	21.5	140.3	Clear	No Odor
11:00	5	120	3.90	0.96	6.74	1.19	0.02	1.25	21.3	142.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34380 Capitol; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-91S			Date	8-6-21
Project Name/Location	Ford LTP			Weather	72.0 degrees F and Mostly Cloudy. The wind is blowing S at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.33	Total Depth (ft-bmp)	11.98	Water Column (ft.)	6.65	Gallons in Well	1.08
		Pump Intake (ft-bmp)	6.83	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.91				
Sample Time: Label	10:27	Volume Purged	2.06 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	9:24						
Purge End	10:32						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:26	0	135	5.36	0.00	6.36	0.82	0.02	1.11	17.3	179.8	Clear	No Odor
9:31	5	125	5.36	0.18	7.13	0.79	0.02	0.26	17.3	132.4	Clear	No Odor
9:36	5	125	5.36	0.35	7.20	0.85	0.02	0.17	17.3	110.9	Clear	No Odor
9:41	5	140	5.37	0.52	7.20	0.91	0.02	0.10	17.2	91.8	Clear	No Odor
9:46	5	125	5.37	0.70	7.20	0.95	0.02	0.13	17.2	76.4	Clear	No Odor
9:51	5	125	5.37	0.87	7.20	0.96	0.02	0.10	17.2	62.6	Clear	No Odor
9:56	5	125	5.37	1.04	7.19	0.98	0.02	0.08	17.1	48.8	Clear	No Odor
10:01	5	125	5.37	1.21	7.20	0.99	0.02	0.05	17.1	36.3	Clear	No Odor
10:06	5	125	5.37	1.38	7.20	0.99	0.02	0.09	17.2	24.5	Clear	No Odor
10:11	5	125	5.37	1.55	7.20	1.00	0.02	0.04	17.3	14.4	Clear	No Odor
10:16	5	125	5.37	1.72	7.21	1.00	0.02	0.07	17.1	5.1	Clear	No Odor
10:21	5	125	5.37	1.89	7.21	1.00	0.02	0.04	17.2	-2.6	Clear	No Odor
10:26	5	125	5.37	2.06	7.21	1.00	0.02	0.09	17.1	-8.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	12034 Brewster; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-92S			Date	8-6-21
Project Name/Location	Ford LTP			Weather	75.0 degrees F and Mostly Cloudy. The wind is blowing S/SW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.52	Total Depth (ft-bmp)	12.09	Water Column (ft.)	6.57	Gallons in Well	1.07
		Pump Intake (ft-bmp)	7.02	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.02				
Sample Time: Label	11:59	Volume Purged	2.16 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:57						
Purge End	12:03						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:58	0	140	5.54	0.00	6.99	0.52	0.02	2.06	20.4	132.8	Clear	No Odor
11:03	5	140	5.54	0.18	7.29	0.48	0.02	0.91	19.9	80.4	Clear	No Odor
11:08	5	140	5.54	0.36	7.30	0.47	0.02	0.88	19.8	66.6	Clear	No Odor
11:13	5	140	5.54	0.54	7.31	0.47	0.02	0.81	19.8	60.6	Clear	No Odor
11:18	5	140	5.54	0.72	7.31	0.51	0.02	0.76	19.7	57.5	Clear	No Odor
11:23	5	140	5.54	0.90	7.31	0.54	0.02	0.79	19.8	54.4	Clear	No Odor
11:28	5	140	5.54	1.08	7.30	0.58	0.02	0.74	19.8	49.5	Clear	No Odor
11:33	5	140	5.54	1.26	7.30	0.61	0.02	0.72	19.9	42.9	Clear	No Odor
11:38	5	140	5.54	1.44	7.30	0.63	0.02	0.75	19.8	37.4	Clear	No Odor
11:43	5	140	5.54	1.62	7.30	0.64	0.02	0.74	19.8	30.3	Clear	No Odor
11:48	5	140	5.54	1.80	7.30	0.65	6.09	0.75	20.0	23.6	Clear	No Odor
11:53	5	140	5.54	1.98	7.30	0.66	3.98	0.76	20.0	18.2	Clear	No Odor
11:58	5	140	5.54	2.16	7.30	0.66	2.68	0.74	20.0	14.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12036 Brewster; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-93S			Date	8-4-21
Project Name/Location	Ford LTP			Weather	64.0 degrees F and Partly Cloudy. The wind is blowing W at 0.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.51	Total Depth (ft-bmp)	12.03	Water Column (ft.)	6.52	Gallons in Well	1.06
		Pump Intake (ft-bmp)	7.01	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.96				
Sample Time: Label	10:25	Volume Purged	2.08 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	9:23						
Purge End	10:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:24	0	160	5.52	0.00	6.24	0.43	0.02	1.96	17.9	127.1	Clear	No Odor
9:29	5	130	5.52	0.21	7.17	0.41	0.02	1.42	17.4	99.0	Clear	No Odor
9:34	5	130	5.52	0.38	7.20	0.42	0.02	0.84	17.2	93.9	Clear	No Odor
9:39	5	125	5.52	0.55	7.23	0.43	0.02	0.75	16.9	87.0	Clear	No Odor
9:44	5	125	5.52	0.72	7.25	0.46	0.02	0.82	16.8	81.9	Clear	No Odor
9:49	5	125	5.52	0.89	7.26	0.53	0.02	0.88	16.8	76.7	Clear	No Odor
9:54	5	125	5.52	1.06	7.28	0.61	0.02	1.08	16.8	67.8	Clear	No Odor
9:59	5	125	5.52	1.23	7.28	0.63	0.02	0.88	16.7	59.1	Clear	No Odor
10:04	5	125	5.52	1.40	7.29	0.64	0.02	0.34	16.8	52.9	Clear	No Odor
10:09	5	125	5.53	1.57	7.31	0.65	0.02	0.35	16.8	45.5	Clear	No Odor
10:14	5	125	5.53	1.74	7.31	0.65	0.02	0.31	16.7	38.3	Clear	No Odor
10:19	5	125	5.53	1.91	7.31	0.65	0.02	0.32	16.7	28.9	Clear	No Odor
10:24	5	125	5.53	2.08	7.33	0.66	0.02	0.33	16.9	24.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11775 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-94S			Date	8-2-21
Project Name/Location	Ford LTP			Weather	69.1 degrees F and Clear. The wind is blowing at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.52	Total Depth (ft-bmp)	12.21	Water Column (ft.)	6.69	Gallons in Well	1.09
		Pump Intake (ft-bmp)	7.02	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.05				
Sample Time: Label	10:59	Volume Purged	1.14 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:25						
Purge End	11:04						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:27	0	150	5.54	0.00	7.09	0.37	0.57	3.75	17.5	142.7	Clear	No Odor
10:32	5	150	5.54	0.20	7.18	0.41	0.02	1.16	16.6	134.6	Clear	No Odor
10:37	5	135	5.54	0.40	7.19	0.42	0.02	0.78	16.5	132.1	Clear	No Odor
10:42	5	150	5.54	0.58	7.20	0.43	0.02	0.79	16.4	129.5	Clear	No Odor
10:47	5	135	5.54	0.78	7.21	0.43	0.02	0.79	16.4	127.7	Clear	No Odor
10:52	5	140	5.55	0.96	7.22	0.44	0.02	0.79	16.5	125.7	Clear	No Odor
10:57	5	140	5.54	1.14	7.24	0.44	0.02	0.75	16.4	124.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	11680 Boston Post; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-95S			Date	8-19-21
Project Name/Location	Ford LTP			Weather	81.0 degrees F and Mostly Clear. The wind is blowing N at 5mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.75	Total Depth (ft-bmp)	12.00	Water Column (ft.)	8.25	Gallons in Well	1.34
		Pump Intake (ft-bmp)	5.25	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.76				
Sample Time: Label	11:15	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	10:36						
Purge End	11:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	125	3.76	0.00	6.77	0.53	2.68	5.44	20.5	250.4	Clear	No Odor
10:45	5	125	3.76	0.17	6.72	0.45	2.97	4.84	19.9	267.4	Clear	No Odor
10:50	5	125	3.76	0.34	6.72	0.46	3.63	4.66	19.8	272.1	Clear	No Odor
10:55	5	125	3.96	0.51	6.73	0.46	3.70	4.79	19.7	277.4	Clear	No Odor
11:00	5	125	3.96	0.68	6.73	0.46	3.38	4.85	19.5	281.8	Clear	No Odor
11:05	5	125	3.96	0.85	6.72	0.47	2.96	4.65	19.4	286.6	Clear	No Odor
11:10	5	125	3.96	1.02	6.75	0.47	3.90	4.88	19.4	289.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	12131 Boston Post; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-103S			Date	8-18-21
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Haze. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.52	Total Depth (ft-bmp)	6.75	Water Column (ft.)	3.23	Gallons in Well	0.52
		Pump Intake (ft-bmp)	5.02	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.73				
Sample Time: Label	11:52	Volume Purged	0.9 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	11:18						
Purge End	11:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	110	3.50	0.00	6.94	1.10	4.20	1.11	20.6	54.3	Clear	No Odor
11:25	5	110	3.50	0.15	6.91	1.10	3.81	0.59	21.2	-0.7	Clear	No Odor
11:30	5	110	3.50	0.30	6.92	1.06	0.02	0.35	21.0	-8.9	Clear	No Odor
11:35	5	110	3.60	0.45	6.93	1.03	0.02	0.30	20.9	-17.0	Clear	No Odor
11:40	5	110	3.60	0.60	6.94	1.00	0.02	0.30	20.9	-20.6	Clear	No Odor
11:45	5	110	3.60	0.75	6.94	0.99	0.02	0.27	20.8	-24.9	Clear	No Odor
11:50	5	110	3.60	0.90	6.95	0.98	0.02	0.20	20.8	-29.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	34424 Capitol; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-104S			Date	8-18-21
Project Name/Location	Ford LTP			Weather	81.0 degrees F and Mostly Cloudy. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.97	Total Depth (ft-bmp)	14.19	Water Column (ft.)	4.22	Gallons in Well	0.69
		Pump Intake (ft-bmp)	11.47	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.59				
Sample Time: Label	13:50	Volume Purged	1.1 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	13:17						
Purge End	13:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:18	0	140	10.02	0.00	6.78	0.32	0.02	9.26	16.2	206.1	Clear	No Odor
13:23	5	140	10.04	0.18	7.37	0.29	0.02	8.05	15.7	170.7	Clear	No Odor
13:28	5	150	10.05	0.36	7.47	0.27	0.02	7.92	15.6	157.1	Clear	No Odor
13:33	5	150	10.05	0.56	7.52	0.27	0.02	7.93	15.6	149.4	Clear	No Odor
13:38	5	130	10.03	0.76	7.56	0.27	0.02	7.63	16.1	143.6	Clear	No Odor
13:43	5	130	10.03	0.93	7.59	0.27	0.02	7.50	16.1	139.8	Clear	No Odor
13:48	5	130	10.03	1.10	7.61	0.27	0.02	7.49	16.4	137.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34900 Standish; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-109S			Date	8-4-21
Project Name/Location	Ford LTP			Weather	80.1 degrees F and Cloudy. The wind is blowing SW at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.20	Total Depth (ft-bmp)	12.32	Water Column (ft.)	6.12	Gallons in Well	0.99
		Pump Intake (ft-bmp)	7.70	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.06				
Sample Time: Label	14:20	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:17						
Purge End	14:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	125	6.22	0.00	7.14	0.31	3.97	0.97	17.4	29.7	Clear	No Odor
13:25	5	125	6.22	0.17	7.41	0.43	1.36	1.64	17.6	29.3	Clear	No Odor
13:30	5	128	6.22	0.34	7.47	0.84	1.20	0.74	17.1	22.9	Clear	No Odor
13:35	5	125	6.22	0.51	7.45	0.96	4.16	0.64	17.0	16.7	Clear	No Odor
13:40	5	125	6.22	0.68	7.44	1.10	1.40	0.64	16.9	9.2	Clear	No Odor
13:45	5	125	6.22	0.85	7.44	1.29	0.93	0.60	17.2	4.9	Clear	No Odor
13:50	5	125	6.22	1.02	7.42	1.50	2.07	0.65	17.0	1.1	Clear	No Odor
13:55	5	125	6.22	1.19	7.41	1.60	1.82	0.68	16.9	-5.2	Clear	No Odor
14:00	5	125	6.22	1.36	7.45	1.71	1.11	0.68	16.9	-12.9	Clear	No Odor
14:05	5	125	6.22	1.53	7.44	1.81	2.13	0.69	16.7	-17.7	Clear	No Odor
14:10	5	125	6.22	1.70	7.41	1.89	1.96	0.73	16.3	-21.2	Clear	No Odor
14:15	5	128	6.22	1.87	7.42	1.93	0.91	0.71	16.3	-25.4	Clear	No Odor
14:20	5	125	6.22	2.04	7.43	2.00	1.69	0.95	16.3	-29.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34990 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-110S			Date	8-18-21
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Mostly Cloudy. The wind is blowing N/NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.44	Total Depth (ft-bmp)	12.66	Water Column (ft.)	4.22	Gallons in Well	0.69
		Pump Intake (ft-bmp)	9.94	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.91				
Sample Time: Label	12:10	Volume Purged	1.32 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	11:32						
Purge End	12:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:33	0	160	8.48	0.00	7.08	0.40	0.02	3.95	16.8	162.0	Clear	No Odor
11:38	5	150	8.48	0.21	7.22	0.38	0.02	3.26	16.9	132.5	Clear	No Odor
11:43	5	150	8.48	0.41	7.26	0.36	0.02	2.83	17.0	113.9	Clear	No Odor
11:48	5	150	8.48	0.61	7.31	0.36	0.02	2.74	17.2	103.5	Clear	No Odor
11:53	5	130	8.47	0.81	7.37	0.36	0.02	2.53	17.8	93.7	Clear	No Odor
11:58	5	130	8.48	0.98	7.39	0.35	0.02	2.68	17.1	90.0	Clear	No Odor
12:03	5	125	8.48	1.15	7.35	0.35	0.02	2.71	17.1	91.1	Clear	No Odor
12:08	5	125	8.48	1.32	7.36	0.36	0.02	2.61	17.2	88.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34850 Standish; side yard	Well Locked at Arrival:	yes
Condition of Well:	Fair,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-111S			Date	8-19-21
Project Name/Location	Ford LTP			Weather	72.0 degrees F and Haze. The wind is blowing N/NW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.00	Total Depth (ft-bmp)	12.70	Water Column (ft.)	4.70	Gallons in Well	0.76
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.26				
Sample Time: Label	9:55	Volume Purged	0.96 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	9:23						
Purge End	9:58						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:25	0	120	8.00	0.00	7.63	0.52	7.02	2.91	17.7	64.6	Clear	No Odor
9:30	5	120	8.00	0.16	7.55	5.25	0.02	1.25	17.9	59.3	Clear	No Odor
9:35	5	120	8.52	0.32	7.45	0.51	0.02	0.58	17.7	52.0	Clear	No Odor
9:40	5	120	8.52	0.48	7.44	0.52	0.02	0.50	17.6	48.8	Clear	No Odor
9:45	5	120	8.52	0.64	7.43	0.52	0.02	0.51	17.5	47.8	Clear	No Odor
9:50	5	120	8.30	0.80	7.43	0.52	0.02	0.51	17.6	47.0	Clear	No Odor
9:55	5	120	8.30	0.96	7.43	0.52	0.02	0.52	17.6	46.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12051 Stark	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-112S			Date	8-5-21
Project Name/Location	Ford LTP			Weather	80.1 degrees F and Partly Cloudy. The wind is blowing at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.65	Total Depth (ft-bmp)	11.64	Water Column (ft.)	4.99	Gallons in Well	0.81
		Pump Intake (ft-bmp)	8.15	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.12				
Sample Time: Label	15:01	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:23						
Purge End	15:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:25	0	100	6.65	0.00	6.65	0.20	11.10	1.22	18.6	17.5	Clear	No Odor
14:30	5	100	6.65	0.13	6.63	0.21	9.87	0.52	18.6	10.5	Clear	No Odor
14:35	5	100	6.65	0.26	6.65	0.22	10.30	0.44	18.6	4.5	Clear	No Odor
14:40	5	100	6.65	0.39	6.67	0.22	8.17	0.60	18.6	1.2	Clear	No Odor
14:45	5	100	6.65	0.52	6.68	0.22	5.20	0.64	18.6	-2.1	Clear	No Odor
14:50	5	100	6.65	0.65	6.68	0.22	3.18	0.58	18.4	-4.7	Clear	No Odor
14:55	5	100	6.65	0.78	6.69	0.22	1.39	0.57	18.5	-7.3	Clear	No Odor
15:00	5	100	6.65	0.91	6.69	0.22	2.37	0.59	18.4	-11.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34935 Wadsworth; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-115S			Date	8-10-21
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Cloudy. The wind is blowing SW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.82	Total Depth (ft-bmp)	12.48	Water Column (ft.)	7.66	Gallons in Well	1.24
		Pump Intake (ft-bmp)	6.32	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.15				
Sample Time: Label	10:21	Volume Purged	1.43 gallons	Replicate/Code No.	DUP-09	Sampled by	Gary Schafer
Purge Start	9:22						
Purge End	10:38						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:25	0	100	4.82	0.00	7.20	1.62	93.40	1.61	19.9	144.3	Brown, Turbid	No Odor
9:30	5	100	4.83	0.13	7.25	1.68	42.20	0.48	19.6	77.8	Brown, Turbid	No Odor
9:35	5	100	4.83	0.26	7.26	1.73	24.70	0.27	19.6	39.6	Brown, Clear	No Odor
9:40	5	100	4.83	0.39	7.26	1.77	19.70	0.33	19.5	12.2	Clear	No Odor
9:45	5	100	4.83	0.52	7.27	1.80	16.80	0.47	19.6	-4.3	Clear	No Odor
9:50	5	100	4.83	0.65	7.27	1.82	14.50	0.45	19.7	-13.5	Clear	No Odor
9:55	5	100	4.83	0.78	7.28	1.83	12.80	0.45	19.8	-20.2	Clear	No Odor
10:00	5	100	4.83	0.91	7.28	1.84	13.90	0.44	19.7	-24.8	Clear	No Odor
10:05	5	100	4.83	1.04	7.27	1.88	9.82	0.54	19.8	-30.0	Clear	No Odor
10:10	5	100	4.83	1.17	7.27	1.88	8.71	0.53	19.6	-33.2	Clear	No Odor
10:15	5	100	4.83	1.30	7.27	1.90	9.08	0.52	19.7	-36.2	Clear	No Odor
10:20	5	100	4.83	1.43	7.27	1.91	8.70	0.53	19.7	-37.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12070 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-116S			Date	8-9-21
Project Name/Location	Ford LTP			Weather	77.0 degrees F and Haze. The wind is blowing at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.01	Total Depth (ft-bmp)	12.78	Water Column (ft.)	4.77	Gallons in Well	0.78
		Pump Intake (ft-bmp)	9.51	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.18				
Sample Time: Label	11:06	Volume Purged	1.7 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:13						
Purge End	11:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	125	8.05	0.00	6.95	0.18	3.20	2.86	17.9	50.2	Clear	No Odor
10:20	5	125	8.05	0.17	6.90	0.19	5.90	2.44	17.7	49.7	Clear	No Odor
10:25	5	125	8.05	0.34	6.98	0.20	5.78	1.95	17.5	40.6	Clear	No Odor
10:30	5	125	8.05	0.51	7.05	0.21	5.95	2.37	17.6	35.2	Clear	No Odor
10:35	5	125	8.05	0.68	7.09	0.21	3.18	2.38	17.7	29.6	Clear	No Odor
10:40	5	125	8.05	0.85	7.11	0.21	4.15	2.36	17.6	25.8	Clear	No Odor
10:45	5	125	8.05	1.02	7.12	0.22	4.07	2.38	17.7	24.2	Clear	No Odor
10:50	5	125	8.05	1.19	7.12	0.22	0.21	2.41	17.6	23.8	Clear	No Odor
10:55	5	125	8.05	1.36	7.14	0.23	1.44	2.37	17.5	24.5	Clear	No Odor
11:00	5	125	8.05	1.53	7.15	0.23	2.70	2.35	17.8	23.0	Clear	No Odor
11:05	5	125	8.05	1.70	7.15	0.23	0.46	2.30	17.9	21.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34851 Wadsworth; backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-117S			Date	8-10-21
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Cloudy. The wind is blowing SW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.80	Total Depth (ft-bmp)	12.42	Water Column (ft.)	5.62	Gallons in Well	0.91
		Pump Intake (ft-bmp)	8.30	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.64				
Sample Time: Label	12:25	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	11:20						
Purge End	12:28						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:25	0	150	6.84	0.00	7.08	0.44	9.94	2.01	17.5	173.0	Clear, Small Orange Particulates	No Odor
11:30	5	150	6.82	0.20	7.07	0.46	9.01	1.47	16.9	154.7	Clear, Small Orange Particulates	No Odor
11:35	5	150	6.82	0.40	7.12	0.61	6.40	1.02	17.0	135.2	Clear, Small Orange Particulates	No Odor
11:40	5	150	6.82	0.60	7.52	0.73	6.52	0.88	17.1	115.7	Clear, Small Orange Particulates	No Odor
11:45	5	150	6.82	0.80	7.20	0.85	3.90	0.73	16.8	79.1	Clear	No Odor
11:50	5	150	6.82	1.00	7.23	0.92	4.74	0.64	16.9	45.2	Clear	No Odor
11:55	5	150	6.82	1.20	7.26	0.99	3.30	0.55	16.9	19.0	Clear	No Odor
12:00	5	150	6.82	1.40	7.28	1.07	3.37	0.54	16.8	-4.3	Clear	No Odor
12:05	5	150	6.82	1.60	7.29	1.08	13.30	0.52	16.7	-18.1	Clear, Small Orange Particulates	No Odor
12:10	5	150	6.82	1.80	7.27	1.09	1.83	0.50	16.9	-25.4	Clear	No Odor
12:15	5	150	6.82	2.00	7.33	1.12	1.91	0.48	16.9	-34.3	Clear	No Odor
12:20	5	150	6.82	2.20	7.34	1.11	6.97	0.48	17.6	-41.3	Clear	No Odor
12:25	5	150	6.82	2.40	7.37	1.11	3.68	0.49	17.4	-45.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12089 Boston Post; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-118S			Date	8-10-21
Project Name/Location	Ford LTP			Weather	82.9 degrees F and Mostly Cloudy. The wind is blowing W/SW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.71	Total Depth (ft-bmp)	12.39	Water Column (ft.)	6.68	Gallons in Well	1.09
		Pump Intake (ft-bmp)	7.21	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.44				
Sample Time: Label	13:56	Volume Purged	1.57 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:52						
Purge End	14:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:55	0	100	5.74	0.00	7.21	0.55	20.90	1.73	19.0	154.0	Turbid	No Odor
13:00	5	100	5.74	0.13	7.18	0.56	13.60	1.11	18.8	145.8	Clear	No Odor
13:05	5	100	5.74	0.26	7.19	0.62	6.28	1.12	18.4	138.1	Clear	No Odor
13:10	5	100	5.74	0.39	7.19	0.74	4.65	0.99	18.7	130.7	Clear	No Odor
13:15	5	100	5.74	0.52	7.19	0.86	3.04	0.84	18.4	118.8	Clear	No Odor
13:20	5	100	5.74	0.65	7.17	0.97	1.23	0.79	18.4	112.3	Clear	No Odor
13:25	5	109	5.74	0.78	7.17	1.16	0.30	0.60	18.4	90.4	Clear	No Odor
13:30	5	100	5.74	0.92	7.16	1.28	0.60	0.58	18.2	70.3	Clear	No Odor
13:35	5	100	5.74	1.05	7.18	1.36	1.61	0.43	18.6	47.0	Clear	No Odor
13:40	5	100	5.74	1.18	7.19	1.39	1.30	0.43	18.6	31.3	Clear	No Odor
13:45	5	100	5.75	1.31	7.20	1.34	1.68	0.45	18.9	14.5	Clear	No Odor
13:50	5	100	5.75	1.44	7.20	1.30	1.01	0.43	18.9	7.0	Clear	No Odor
13:55	5	100	5.75	1.57	7.19	1.48	0.49	0.40	18.7	6.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12124 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-119S			Date	8-5-21
Project Name/Location	Ford LTP			Weather	77.0 degrees F and Mostly Cloudy. The wind is blowing SW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.62	Total Depth (ft-bmp)	12.30	Water Column (ft.)	7.68	Gallons in Well	1.25
		Pump Intake (ft-bmp)	6.12	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.64				
Sample Time: Label	12:41	Volume Purged	2.05 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	11:38						
Purge End	12:47						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:40	0	140	4.64	0.00	6.73	0.64	5.73	2.19	17.8	115.1	Clear	No Odor
11:45	5	130	4.63	0.18	7.13	0.62	0.02	0.93	17.5	62.1	Clear	No Odor
11:50	5	125	4.64	0.35	7.18	0.62	0.02	0.84	17.7	59.6	Clear	No Odor
11:55	5	125	4.64	0.52	7.18	0.71	0.02	0.53	17.7	61.4	Clear	No Odor
12:00	5	125	4.64	0.69	7.18	0.80	0.02	0.45	17.6	60.0	Clear	No Odor
12:05	5	125	4.64	0.86	7.19	0.87	0.02	0.48	17.7	57.4	Clear	No Odor
12:10	5	125	4.64	1.03	7.18	0.90	0.50	0.55	17.8	54.5	Clear	No Odor
12:15	5	125	4.64	1.20	7.18	0.93	1.12	0.55	17.8	51.3	Clear	No Odor
12:20	5	125	4.64	1.37	7.18	0.97	0.65	0.54	17.9	47.9	Clear	No Odor
12:25	5	125	4.64	1.54	7.18	1.02	0.02	0.54	18.1	43.2	Clear	No Odor
12:30	5	125	4.64	1.71	7.17	1.06	1.65	0.51	18.0	39.8	Clear	No Odor
12:35	5	125	4.64	1.88	7.18	1.06	0.02	0.50	18.1	33.8	Clear	No Odor
12:40	5	125	4.64	2.05	7.18	1.09	0.02	0.51	17.9	29.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12034 Boston Post; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-121S			Date	8-19-21
Project Name/Location	Ford LTP			Weather	81.0 degrees F and Mostly Clear. The wind is blowing NW at 5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.81	Total Depth (ft-bmp)	12.08	Water Column (ft.)	6.27	Gallons in Well	1.02
		Pump Intake (ft-bmp)	7.31	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.18				
Sample Time: Label	12:20	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	11:45						
Purge End	12:26						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:50	0	150	5.83	0.00	7.13	0.88	5.90	0.32	18.5	111.2	Clear, Small Orange Particulates	No Odor
11:55	5	150	5.83	0.20	7.10	0.90	2.83	0.26	18.2	56.4	Clear	No Odor
12:00	5	150	5.83	0.40	7.15	0.90	2.13	0.37	18.9	36.1	Clear	No Odor
12:05	5	150	5.83	0.60	7.21	0.87	1.82	0.35	17.7	30.4	Clear	No Odor
12:10	5	150	5.83	0.80	7.25	0.84	1.46	0.36	17.9	24.9	Clear	No Odor
12:15	5	150	5.83	1.00	7.24	0.83	1.54	0.37	17.9	22.8	Clear	No Odor
12:20	5	150	5.83	1.20	7.24	0.82	1.52	0.37	18.0	20.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11710 Boston Post; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-123S			Date	8-13-21
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Mostly Cloudy. The wind is blowing W/SW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	0.78	Total Depth (ft-bmp)	10.95	Water Column (ft.)	10.17	Gallons in Well	1.65
		Pump Intake (ft-bmp)	2.28	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.31				
Sample Time: Label	14:06	Volume Purged	2.16 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	13:04						
Purge End	14:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:05	0	135	0.82	0.00	6.63	0.51	54.80	1.05	22.1	171.0	Cloudy	No Odor
13:10	5	150	0.84	0.18	6.63	0.47	28.50	0.22	21.5	124.8	Clear	No Odor
13:15	5	150	0.84	0.38	6.72	0.47	10.50	0.11	21.3	95.2	Clear	No Odor
13:20	5	170	0.85	0.58	6.79	0.50	5.27	0.04	20.9	70.5	Clear	No Odor
13:25	5	125	0.83	0.80	6.85	0.52	4.97	0.05	21.6	58.7	Clear	No Odor
13:30	5	125	0.83	0.97	6.89	0.55	3.99	0.07	21.5	48.3	Clear	No Odor
13:35	5	125	0.83	1.14	6.89	0.57	3.16	0.06	21.6	44.1	Clear	No Odor
13:40	5	125	0.83	1.31	6.89	0.59	2.62	0.05	21.5	40.6	Clear	No Odor
13:45	5	125	0.83	1.48	6.90	0.61	0.69	0.04	21.5	37.6	Clear	No Odor
13:50	5	125	0.83	1.65	6.90	0.66	0.17	0.04	21.4	34.9	Clear	No Odor
13:55	5	125	0.84	1.82	6.90	0.68	0.36	0.02	21.3	32.1	Clear	No Odor
14:00	5	125	0.83	1.99	6.91	0.74	0.54	0.02	21.5	30.1	Clear	No Odor
14:05	5	125	0.83	2.16	6.91	0.77	0.02	0.02	21.4	27.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12075 Brewster; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-126S			Date	8-18-21
Project Name/Location	Ford LTP			Weather	70.0 degrees F and Fog/Mist. The wind is blowing N/NE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.89	Total Depth (ft-bmp)	12.78	Water Column (ft.)	4.89	Gallons in Well	0.79
		Pump Intake (ft-bmp)	9.39	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.05				
Sample Time: Label	9:54	Volume Purged	1.62 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	9:06						
Purge End	10:01						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:07	0	140	7.90	0.00	5.76	0.32	0.02	3.65	16.7	188.8	Clear	No Odor
9:12	5	125	7.90	0.18	7.04	0.28	0.02	2.77	16.0	135.7	Clear	No Odor
9:17	5	160	7.91	0.35	7.36	0.22	0.02	3.06	15.7	113.3	Clear	No Odor
9:22	5	160	7.91	0.56	7.64	0.20	0.02	2.93	15.5	102.7	Clear	No Odor
9:27	5	125	7.91	0.77	7.77	0.19	0.02	2.94	15.9	97.0	Clear	No Odor
9:32	5	125	7.91	0.94	8.00	0.19	0.02	3.13	16.0	92.3	Clear	No Odor
9:37	5	125	7.91	1.11	8.07	0.18	0.02	3.13	16.0	89.6	Clear	No Odor
9:42	5	125	7.91	1.28	8.17	0.18	0.02	3.31	16.0	88.0	Clear	No Odor
9:47	5	125	7.91	1.45	8.23	0.18	0.02	3.37	16.0	87.6	Clear	No Odor
9:52	5	125	7.91	1.62	8.23	0.18	0.02	3.34	16.0	87.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34966 Standish; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-127S			Date	8-11-21
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Mostly Cloudy. The wind is blowing SW at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.35	Total Depth (ft-bmp)	12.27	Water Column (ft.)	9.92	Gallons in Well	1.61
		Pump Intake (ft-bmp)	3.85	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.27				
Sample Time: Label	10:12	Volume Purged	2.05 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	9:10						
Purge End	10:17						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:11	0	140	2.40	0.00	6.46	0.62	0.50	0.98	20.5	172.5	Clear	No Odor
9:16	5	130	2.40	0.18	6.82	0.73	3.81	0.24	20.1	131.3	Clear	No Odor
9:21	5	125	2.40	0.35	6.84	1.17	2.43	0.13	20.0	108.4	Clear	No Odor
9:26	5	125	2.40	0.52	6.90	1.35	1.96	0.09	19.8	63.3	Clear	No Odor
9:31	5	125	2.40	0.69	6.95	1.38	2.38	0.05	19.8	38.0	Clear	No Odor
9:36	5	125	2.41	0.86	6.98	1.41	2.87	0.04	19.7	24.5	Clear	No Odor
9:41	5	125	2.41	1.03	7.01	1.43	1.52	0.05	19.6	15.8	Clear	No Odor
9:46	5	125	2.41	1.20	7.02	1.44	1.22	0.03	19.7	7.2	Clear	No Odor
9:51	5	125	2.41	1.37	7.03	1.46	3.65	0.05	19.8	-0.6	Clear	No Odor
9:56	5	125	2.41	1.54	7.04	1.47	0.95	0.05	19.8	-7.7	Clear	No Odor
10:01	5	125	2.41	1.71	7.05	1.48	0.08	0.03	19.8	-13.8	Clear	No Odor
10:06	5	125	2.41	1.88	7.06	1.49	0.38	0.02	19.8	-19.8	Clear	No Odor
10:11	5	125	2.42	2.05	7.07	1.49	0.10	0.02	19.8	-25.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	34424 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-128S			Date	8-13-21
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Mostly Cloudy. The wind is blowing SW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.61	Total Depth (ft-bmp)	13.06	Water Column (ft.)	6.45	Gallons in Well	1.05
		Pump Intake (ft-bmp)	8.11	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.08				
Sample Time: Label	12:35	Volume Purged	1.13 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	12:02						
Purge End	12:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:03	0	140	6.64	0.00	7.06	0.68	0.02	0.89	18.8	167.6	Clear	No Odor
12:08	5	140	6.65	0.18	7.17	0.59	0.02	2.84	18.4	126.5	Clear	No Odor
12:13	5	150	6.65	0.36	7.21	0.55	0.02	3.51	18.3	115.7	Clear	No Odor
12:18	5	150	6.65	0.56	7.27	0.54	0.02	3.34	18.3	109.7	Clear	No Odor
12:23	5	150	6.65	0.76	7.28	0.53	0.02	3.30	18.4	107.3	Clear	No Odor
12:28	5	125	6.64	0.96	7.30	0.54	0.02	3.39	18.6	105.5	Clear	No Odor
12:33	5	125	6.64	1.13	7.30	0.54	0.02	3.35	18.6	104.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34360 Capitol; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-130S			Date	8-6-21
Project Name/Location	Ford LTP			Weather	75.0 degrees F and Mostly Cloudy. The wind is blowing S/SW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.30	Total Depth (ft-bmp)	13.17	Water Column (ft.)	8.87	Gallons in Well	1.44
		Pump Intake (ft-bmp)	5.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.71				
Sample Time: Label	11:41	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:07						
Purge End	11:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	125	4.30	0.00	7.25	2.63	1.16	0.41	18.2	-66.2	Clear	No Odor
11:15	5	125	4.32	0.17	7.28	2.61	2.22	0.21	18.2	-76.5	Clear	No Odor
11:20	5	125	4.32	0.34	7.26	2.57	2.19	0.19	18.1	-81.0	Clear	No Odor
11:25	5	125	4.32	0.51	7.26	2.56	1.74	0.14	18.1	-84.2	Clear	No Odor
11:30	5	125	4.32	0.68	7.26	2.57	1.03	0.13	18.1	-87.8	Clear	No Odor
11:35	5	125	4.32	0.85	7.26	2.55	0.91	0.12	18.2	-89.5	Clear	No Odor
11:40	5	125	4.32	1.02	7.27	2.54	1.55	0.13	18.2	-91.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	34600 Beacon; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-143S			Date	8-18-21
Project Name/Location	Ford LTP			Weather	82.0 degrees F and Mostly Cloudy. The wind is blowing NE at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.30	Total Depth (ft-bmp)	10.10	Water Column (ft.)	2.80	Gallons in Well	0.45
		Pump Intake (ft-bmp)	8.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.27				
Sample Time: Label	15:26	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:53						
Purge End	15:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:55	0	125	7.34	0.00	7.06	0.69	0.02	2.49	19.4	111.3	Clear	No Odor
15:00	5	125	7.34	0.17	7.08	0.69	1.03	1.81	19.3	107.5	Clear	No Odor
15:05	5	125	7.34	0.34	7.12	0.70	0.96	1.49	19.3	103.1	Clear	No Odor
15:10	5	125	7.34	0.51	7.12	0.69	0.91	1.49	19.0	101.4	Clear	No Odor
15:15	5	125	7.34	0.68	7.14	0.70	0.98	1.94	19.2	98.6	Clear	No Odor
15:20	5	125	7.34	0.85	7.13	0.69	1.00	1.89	18.7	97.6	Clear	No Odor
15:25	5	125	7.34	1.02	7.14	0.70	0.17	1.82	19.0	96.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12069 Stark; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-144S			Date	8-19-21
Project Name/Location	Ford LTP			Weather	81.0 degrees F and Mostly Clear. The wind is blowing north at 3.5 mph		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.20	Total Depth (ft-bmp)	11.68	Water Column (ft.)	3.48	Gallons in Well	0.57
		Pump Intake (ft-bmp)	9.70	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.05				
Sample Time: Label	11:51	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	11:13						
Purge End	11:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:15	0	120	8.20	0.00	7.72	0.59	20.50	5.72	20.4	77.5	Clear	No Odor
11:20	5	120	8.20	0.16	7.33	0.57	14.20	1.11	18.7	59.0	Clear	No Odor
11:25	5	130	8.40	0.32	7.24	0.59	8.41	0.59	18.0	44.3	Clear	No Odor
11:30	5	130	8.40	0.49	7.27	0.59	4.83	0.60	17.7	39.7	Clear	No Odor
11:35	5	130	8.40	0.66	7.27	0.58	3.97	0.57	17.7	36.6	Clear	No Odor
11:40	5	130	8.40	0.83	7.28	0.58	4.84	0.55	17.8	29.8	Clear	No Odor
11:45	5	130	8.40	1.00	7.29	0.58	4.53	0.51	18.0	28.7	Clear	No Odor
11:50	5	130	8.30	1.17	7.28	0.59	4.02	0.50	18.0	29.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12033 Stark; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-145S			Date	8-13-21
Project Name/Location	Ford LTP			Weather	73.0 degrees F and Mostly Cloudy. The wind is blowing W/SW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.23	Total Depth (ft-bmp)	9.95	Water Column (ft.)	3.72	Gallons in Well	0.60
		Pump Intake (ft-bmp)	7.73	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.33				
Sample Time: Label	9:42	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	9:05						
Purge End	9:49						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:06	0	150	6.27	0.00	6.53	1.60	3.50	1.20	17.4	172.0	Clear	No Odor
9:11	5	150	6.28	0.20	6.94	1.53	4.07	0.30	17.0	28.0	Clear	No Odor
9:16	5	150	6.28	0.40	7.01	1.45	0.02	0.12	16.8	-3.7	Clear	No Odor
9:21	5	150	6.29	0.60	7.03	1.35	0.02	0.09	16.8	-12.6	Clear	No Odor
9:26	5	150	6.29	0.80	7.04	1.31	0.02	0.04	16.7	-18.1	Clear	No Odor
9:31	5	150	6.29	1.00	7.05	1.26	0.02	0.04	16.7	-21.4	Clear	No Odor
9:36	5	150	6.29	1.20	7.05	1.24	0.02	0.03	16.6	-22.7	Clear	No Odor
9:41	5	150	6.29	1.40	7.06	1.24	0.02	0.03	16.6	-24.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12087 Stark; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-146S			Date	8-12-21
Project Name/Location	Ford LTP			Weather	82.0 degrees F and Mostly Cloudy. The wind is blowing S/SW at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.06	Total Depth (ft-bmp)	9.83	Water Column (ft.)	4.77	Gallons in Well	0.78
		Pump Intake (ft-bmp)	6.56	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.54				
Sample Time: Label	14:54	Volume Purged	1.98 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	14:05						
Purge End	14:59						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:06	0	200	5.13	0.00	6.90	0.48	113.00	5.51	23.7	170.2	Cloudy	No Odor
14:11	5	200	5.14	0.26	6.87	0.93	59.50	2.92	21.1	115.9	Clear	No Odor
14:16	5	200	5.15	0.52	6.88	1.08	21.50	2.28	20.1	76.0	Clear	No Odor
14:21	5	200	5.15	0.78	6.90	1.23	18.20	1.99	19.7	68.8	Clear	No Odor
14:26	5	200	5.16	1.04	6.90	1.29	15.00	1.87	19.4	57.5	Clear	No Odor
14:31	5	125	5.13	1.30	6.90	1.34	8.65	1.45	19.8	53.2	Clear	No Odor
14:36	5	125	5.12	1.47	6.91	1.35	9.45	1.57	19.9	51.6	Clear	No Odor
14:41	5	125	5.12	1.64	6.92	1.35	3.99	1.58	19.7	51.7	Clear	No Odor
14:46	5	125	5.12	1.81	6.92	1.36	3.45	1.60	19.6	51.2	Clear	No Odor
14:51	5	125	5.12	1.98	6.92	1.37	3.75	1.54	19.7	51.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34367 Capitol; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-147S			Date	8-18-21
Project Name/Location	Ford LTP			Weather	70.0 degrees F and Fog/Mist. The wind is blowing N/NE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.70	Total Depth (ft-bmp)	7.20	Water Column (ft.)	3.50	Gallons in Well	0.57
		Pump Intake (ft-bmp)	5.20	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.14				
Sample Time: Label	9:56	Volume Purged	1.22 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	9:19						
Purge End	10:02						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:20	0	120	3.70	0.00	7.43	1.71	15.80	3.83	19.3	51.6	Clear, Small Orange Particulates	No Odor
9:25	5	130	3.70	0.16	7.03	1.56	10.80	0.94	19.2	-27.3	Clear, Small Orange Particulates	No Odor
9:30	5	130	3.90	0.33	7.02	1.51	8.42	1.04	19.3	3.7	Clear, Small Orange Particulates	No Odor
9:35	5	140	3.90	0.50	7.02	1.48	0.49	0.94	19.4	6.9	Clear, Small Orange Particulates	No Odor
9:40	5	140	3.90	0.68	7.01	1.45	0.02	0.78	19.5	0.0	Clear, Small Orange Particulates	No Odor
9:45	5	140	3.80	0.86	7.01	1.44	0.02	0.73	19.5	1.0	Clear, Small Orange Particulates	No Odor
9:50	5	140	3.80	1.04	7.01	1.43	0.02	0.70	19.5	1.0	Clear	No Odor
9:55	5	140	3.80	1.22	7.02	1.43	0.02	0.70	19.6	0.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34401 Capitol; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-148S			Date	8-12-21
Project Name/Location	Ford LTP			Weather	80.1 degrees F and Mostly Cloudy. The wind is blowing SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	0.70	Total Depth (ft-bmp)	6.32	Water Column (ft.)	5.62	Gallons in Well	0.91
		Pump Intake (ft-bmp)	2.20	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.32				
Sample Time: Label	13:35	Volume Purged	2.11 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	12:47						
Purge End	13:41						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:48	0	135	0.74	0.00	6.72	1.51	25.30	3.09	19.9	178.0	Clear	No Odor
12:53	5	170	0.77	0.18	6.93	1.46	22.70	2.22	19.1	131.6	Clear	No Odor
12:58	5	225	0.78	0.40	6.95	1.46	16.90	1.51	18.8	111.1	Clear	No Odor
13:03	5	225	0.78	0.70	6.97	1.47	6.97	1.02	18.7	85.9	Clear	No Odor
13:08	5	225	0.79	1.00	6.98	1.46	5.66	0.83	18.4	65.8	Clear	No Odor
13:13	5	225	0.80	1.30	6.97	1.45	4.20	0.81	18.4	50.0	Clear	No Odor
13:18	5	125	0.78	1.60	6.99	1.45	4.43	0.85	19.2	45.4	Clear	No Odor
13:23	5	125	0.79	1.77	6.99	1.45	4.64	0.78	18.9	40.3	Clear	No Odor
13:28	5	125	0.78	1.94	6.99	1.45	1.79	0.71	19.1	38.2	Clear	No Odor
13:33	5	125	0.79	2.11	6.99	1.44	2.78	0.73	19.1	35.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12088 Brewster; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-149S			Date	8-11-21
Project Name/Location	Ford LTP			Weather	75.0 degrees F and Cloudy. The wind is blowing S/SW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.95	Total Depth (ft-bmp)	6.48	Water Column (ft.)	4.53	Gallons in Well	0.74
		Pump Intake (ft-bmp)	3.45	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.86				
Sample Time: Label	11:21	Volume Purged	1.38 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:38						
Purge End	11:26						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:39	0	135	1.99	0.00	6.74	1.87	8.72	1.14	19.6	79.7	Clear	No Odor
10:44	5	125	1.99	0.18	6.87	1.80	10.70	0.25	19.5	12.2	Clear	No Odor
10:49	5	125	2.00	0.35	6.90	1.77	12.00	0.14	19.5	1.5	Clear	No Odor
10:54	5	140	2.01	0.52	6.94	1.73	14.40	0.08	19.4	-8.5	Clear	No Odor
10:59	5	125	2.01	0.70	6.97	1.67	13.50	0.04	19.5	-18.6	Clear	No Odor
11:04	5	125	2.01	0.87	6.98	1.63	10.30	0.03	19.5	-27.2	Clear	No Odor
11:09	5	125	2.01	1.04	6.98	1.61	9.85	0.04	19.5	-34.9	Clear	No Odor
11:14	5	125	2.01	1.21	6.99	1.62	10.20	0.02	19.5	-39.1	Clear	No Odor
11:19	5	125	2.01	1.38	6.99	1.62	9.30	0.00	19.5	-42.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34450 Beacon; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-150S			Date	8-11-21
Project Name/Location	Ford LTP			Weather	82.0 degrees F and Cloudy. The wind is blowing SW at 16.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.79	Total Depth (ft-bmp)	6.72	Water Column (ft.)	2.93	Gallons in Well	0.48
		Pump Intake (ft-bmp)	5.29	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.63				
Sample Time: Label	14:51	Volume Purged	2.22 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	13:49						
Purge End	14:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:50	0	150	3.96	0.00	9.89	1.44	439.00	2.25	22.8	110.8	Cloudy	No Odor
13:55	5	150	3.98	0.20	9.69	1.32	288.00	1.46	21.3	74.8	Cloudy	No Odor
14:00	5	150	3.99	0.40	8.86	1.29	182.00	0.87	20.2	73.8	Cloudy	No Odor
14:05	5	150	3.99	0.60	7.57	1.48	129.00	0.47	19.5	83.5	Cloudy	No Odor
14:10	5	150	4.00	0.80	7.19	1.66	93.90	0.29	19.3	87.0	Clear	No Odor
14:15	5	150	4.00	1.00	7.12	1.73	79.00	0.19	19.2	82.7	Cloudy	No Odor
14:20	5	125	4.00	1.20	7.09	1.76	62.50	0.16	19.1	77.3	Cloudy	No Odor
14:25	5	125	4.00	1.37	7.03	1.79	48.50	0.10	19.0	72.4	Clear	No Odor
14:30	5	125	4.00	1.54	7.01	1.79	32.50	0.09	19.0	68.6	Cloudy	No Odor
14:35	5	125	4.00	1.71	6.97	1.81	28.20	0.03	20.0	66.4	Clear	No Odor
14:40	5	125	4.00	1.88	7.00	1.81	28.70	0.08	20.2	64.3	Clear	No Odor
14:45	5	125	4.00	2.05	6.99	1.80	23.60	0.05	20.1	62.7	Clear	No Odor
14:50	5	125	4.00	2.22	6.98	1.79	20.50	0.05	19.9	60.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34380 Beacon; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-151S			Date	8-12-21
Project Name/Location	Ford LTP			Weather	72.0 degrees F and Cloudy. The wind is blowing SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	0.99	Total Depth (ft-bmp)	6.91	Water Column (ft.)	5.92	Gallons in Well	0.96
		Pump Intake (ft-bmp)	2.49	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.79				
Sample Time: Label	11:45	Volume Purged	1.72 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:52						
Purge End	11:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:53	0	145	1.01	0.00	6.77	0.59	58.80	4.06	22.6	141.6	Clear	No Odor
10:58	5	125	1.02	0.19	7.10	0.64	50.60	2.97	22.3	95.9	Clear	No Odor
11:03	5	125	1.01	0.36	7.08	0.78	39.70	2.40	22.2	84.4	Clear	No Odor
11:08	5	125	1.02	0.53	7.05	0.89	29.10	2.00	22.0	77.1	Clear	No Odor
11:13	5	125	1.02	0.70	7.03	0.99	20.70	1.72	21.9	69.2	Clear	No Odor
11:18	5	125	1.03	0.87	7.01	1.07	14.60	1.40	21.8	61.5	Clear	No Odor
11:23	5	125	1.03	1.04	6.99	1.15	10.50	1.19	21.7	54.8	Clear	No Odor
11:28	5	125	1.04	1.21	6.96	1.23	5.56	0.79	21.7	43.5	Clear	No Odor
11:33	5	125	1.05	1.38	6.94	1.31	3.45	0.47	21.8	41.9	Clear	No Odor
11:38	5	125	1.05	1.55	6.96	1.33	2.63	0.49	21.7	43.4	Clear	No Odor
11:43	5	125	1.05	1.72	6.96	1.34	2.36	0.45	21.8	42.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12091 Brewster; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-152S			Date	8-9-21
Project Name/Location	Ford LTP			Weather	82.0 degrees F and Mostly Cloudy. The wind is blowing S at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.62	Total Depth (ft-bmp)	6.68	Water Column (ft.)	2.06	Gallons in Well	0.33
		Pump Intake (ft-bmp)	6.12	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.09				
Sample Time: Label	12:26	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:52						
Purge End	12:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:55	0	125	4.65	0.00	7.19	1.16	14.60	0.66	18.3	33.5	Clear	No Odor
12:00	5	125	4.65	0.17	7.20	1.08	8.30	0.31	18.1	2.4	Clear	No Odor
12:05	5	125	4.65	0.34	7.23	0.98	5.08	0.24	18.0	-21.5	Clear	No Odor
12:10	5	125	4.65	0.51	7.25	0.93	3.62	0.25	17.9	-29.8	Clear	No Odor
12:15	5	125	4.65	0.68	7.26	0.91	3.50	0.23	18.1	-34.9	Clear	No Odor
12:20	5	125	4.65	0.85	7.26	0.91	0.25	0.24	18.2	-38.5	Clear	No Odor
12:25	5	125	4.65	1.02	7.26	0.90	2.63	0.21	18.1	-41.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	34550 Beacon; backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-153S			Date	8-12-21
Project Name/Location	Ford LTP			Weather	72.0 degrees F and Cloudy. The wind is blowing SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.10	Total Depth (ft-bmp)	5.98	Water Column (ft.)	4.88	Gallons in Well	0.79
		Pump Intake (ft-bmp)	2.60	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.15				
Sample Time: Label	12:06	Volume Purged	1.7 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:13						
Purge End	12:11						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:15	0	125	1.10	0.00	7.08	0.68	9.01	2.21	19.6	140.9	Clear	No Odor
11:20	5	125	1.10	0.17	7.06	0.68	8.54	1.70	19.4	134.1	Clear	No Odor
11:25	5	125	1.10	0.34	7.09	0.69	5.89	1.44	19.5	127.6	Clear	No Odor
11:30	5	125	1.10	0.51	7.10	0.68	7.05	1.27	19.2	122.3	Clear	No Odor
11:35	5	125	1.10	0.68	7.09	0.69	5.26	1.19	19.3	120.1	Clear	No Odor
11:40	5	125	1.10	0.85	7.10	0.69	4.72	1.09	19.2	115.9	Clear	No Odor
11:45	5	125	1.10	1.02	7.12	0.69	6.10	1.05	19.5	112.8	Clear	No Odor
11:50	5	125	1.10	1.19	7.11	0.69	3.82	1.04	19.4	109.6	Clear	No Odor
11:55	5	125	1.10	1.36	7.11	0.69	4.14	0.90	19.0	108.5	Clear	No Odor
12:00	5	125	1.10	1.53	7.12	0.70	1.91	0.89	18.9	107.3	Clear	No Odor
12:05	5	125	1.10	1.70	7.12	0.70	1.00	0.90	19.0	106.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Water and cresol in vault covering well casing, bailed out before opening j- plug

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34644 Beacon; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-154S			Date	8-11-21
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Cloudy. The wind is blowing S/SW at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.66	Total Depth (ft-bmp)	6.98	Water Column (ft.)	2.32	Gallons in Well	0.38
		Pump Intake (ft-bmp)	6.16	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.58				
Sample Time: Label	14:01	Volume Purged	1.36 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:17						
Purge End	14:09						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	125	4.70	0.00	7.52	0.57	2.28	0.93	18.5	148.8	Clear	No Odor
13:25	5	125	4.70	0.17	7.53	0.58	1.33	0.70	18.5	144.2	Clear	No Odor
13:30	5	125	4.70	0.34	7.54	0.59	1.43	0.54	18.3	139.7	Clear	No Odor
13:35	5	125	4.70	0.51	7.54	0.59	0.83	0.57	18.2	136.4	Clear	No Odor
13:40	5	125	4.70	0.68	7.55	0.59	0.03	0.60	18.2	132.5	Clear	No Odor
13:45	5	125	4.70	0.85	7.55	0.60	0.86	0.60	18.3	129.7	Clear	No Odor
13:50	5	125	4.70	1.02	7.55	0.60	0.02	0.59	18.3	127.1	Clear	No Odor
13:55	5	125	4.70	1.19	7.56	0.60	0.71	0.54	18.5	123.5	Clear	No Odor
14:00	5	125	4.70	1.36	7.55	0.60	0.02	0.54	18.5	120.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Water and cersol in vault covering well casing, bailed out before opening j- plug

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34682 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-155S			Date	8-10-21
Project Name/Location	Ford LTP			Weather	88.0 degrees F and Partly Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.64	Total Depth (ft-bmp)	6.50	Water Column (ft.)	2.86	Gallons in Well	0.46
		Pump Intake (ft-bmp)	5.14	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.22				
Sample Time: Label	15:21	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:47						
Purge End	15:36						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:50	0	125	3.64	0.00	7.20	1.41	12.70	0.36	18.4	-33.0	Clear	No Odor
14:55	5	125	3.64	0.17	7.21	1.40	8.89	0.20	17.8	-41.7	Clear	No Odor
15:00	5	125	3.64	0.34	7.22	1.41	2.78	0.21	18.0	-47.4	Clear	No Odor
15:05	5	125	3.64	0.51	7.22	1.41	3.41	0.18	17.8	-52.3	Clear	No Odor
15:10	5	125	3.64	0.68	7.22	1.42	3.61	0.18	17.8	-55.1	Clear	No Odor
15:15	5	125	3.64	0.85	7.23	1.42	2.78	0.14	17.7	-58.9	Clear	No Odor
15:20	5	125	3.64	1.02	7.22	1.42	2.75	0.15	17.7	-60.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Water and grey sludge covering well casing, bailed water and sludge before opening j-plug

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12066 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-156S			Date	8-10-21
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Cloudy. The wind is blowing SW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.24	Total Depth (ft-bmp)	7.64	Water Column (ft.)	2.40	Gallons in Well	0.39
		Pump Intake (ft-bmp)	6.74	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.00				
Sample Time: Label	12:01	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:27						
Purge End	12:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:30	0	100	5.32	0.00	7.30	0.48	9.20	1.40	18.7	27.3	Clear	No Odor
11:35	5	100	5.33	0.13	7.32	0.48	5.64	1.31	18.6	14.9	Clear	No Odor
11:40	5	100	5.33	0.26	7.34	0.47	4.68	1.09	18.6	9.2	Clear	No Odor
11:45	5	100	5.33	0.39	7.37	0.47	3.48	1.75	18.8	6.3	Clear	No Odor
11:50	5	100	5.33	0.52	7.37	0.47	2.76	1.74	18.7	3.7	Clear	No Odor
11:55	5	100	5.33	0.65	7.37	0.47	3.54	1.73	18.8	-0.6	Clear	No Odor
12:00	5	100	5.33	0.78	7.37	0.47	3.39	1.72	18.8	-2.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Water and sludge covering well casing, dip out water and grey sludge

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12100 Boston Post; backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-157S			Date	8-10-21
Project Name/Location	Ford LTP			Weather	84.9 degrees F and Mostly Cloudy. The wind is blowing W at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.07	Total Depth (ft-bmp)	7.15	Water Column (ft.)	2.08	Gallons in Well	0.34
		Pump Intake (ft-bmp)	6.57	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.71				
Sample Time: Label	14:50	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	14:09						
Purge End	14:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:10	0	150	5.15	0.00	8.00	0.17	0.54	5.43	18.1	81.4	Clear	No Odor
14:15	5	150	5.15	0.20	7.75	0.18	2.12	4.39	18.0	106.2	Clear	No Odor
14:20	5	150	5.15	0.40	7.66	0.19	1.91	3.83	17.9	108.1	Clear	No Odor
14:25	5	150	5.15	0.60	7.69	0.20	1.80	3.52	17.9	104.5	Clear	No Odor
14:30	5	150	5.15	0.80	7.72	0.20	2.85	3.28	17.9	102.0	Clear, Cloudy, Small Brown Particulates,	No Odor
14:35	5	150	5.15	1.00	7.78	0.21	2.83	3.29	18.0	97.0	Clear	No Odor
14:40	5	150	5.15	1.20	7.76	0.21	1.47	3.20	18.0	98.5	Clear	No Odor
14:45	5	150	5.15	1.40	7.86	0.22	1.16	3.44	18.2	91.1	Clear	No Odor
14:50	5	150	5.15	1.60	7.84	0.22	1.97	3.12	18.0	96.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12067 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-158S			Date	8-4-21
Project Name/Location	Ford LTP			Weather	80.1 degrees F and Cloudy. The wind is blowing SW at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.07	Total Depth (ft-bmp)	7.34	Water Column (ft.)	2.27	Gallons in Well	0.37
		Pump Intake (ft-bmp)	6.57	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.51				
Sample Time: Label	15:50	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	14:46						
Purge End	15:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:50	0	125	5.12	0.00	6.25	0.09	4.42	6.73	19.0	107.8	Clear	No Odor
14:55	5	125	5.12	0.17	6.24	0.10	6.20	6.19	18.8	96.8	Clear	No Odor
15:00	5	125	5.12	0.34	6.35	0.12	5.40	4.84	18.4	95.3	Clear	No Odor
15:05	5	125	5.12	0.51	6.53	0.14	3.73	4.26	18.2	94.2	Clear	No Odor
15:10	5	125	5.12	0.68	6.61	0.15	3.02	4.25	18.0	95.4	Clear	No Odor
15:15	5	125	5.12	0.85	6.74	0.16	3.04	4.17	18.2	92.6	Clear	No Odor
15:20	5	125	5.12	1.02	6.74	0.16	2.31	4.08	18.1	96.2	Clear	No Odor
15:25	5	125	5.12	1.19	6.84	0.17	2.74	3.85	18.4	93.8	Clear	No Odor
15:30	5	128	5.12	1.36	6.82	0.17	2.58	3.87	18.3	96.6	Clear	No Odor
15:35	5	125	5.12	1.53	6.91	0.18	1.65	3.87	18.3	95.7	Clear	No Odor
15:40	5	125	5.12	1.70	6.92	0.18	2.10	3.78	18.4	98.1	Clear	No Odor
15:45	5	125	5.12	1.87	6.99	0.18	1.63	3.91	18.3	96.4	Clear	No Odor
15:50	5	125	5.12	2.04	7.10	0.18	1.44	3.85	18.5	95.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34950 Beacon; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-159S			Date	8-5-21
Project Name/Location	Ford LTP			Weather	82.9 degrees F and Partly Cloudy. The wind is blowing S/SE at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.10	Total Depth (ft-bmp)	8.49	Water Column (ft.)	2.39	Gallons in Well	0.39
		Pump Intake (ft-bmp)	7.60	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.49				
Sample Time: Label	16:45	Volume Purged	1.36 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	16:00						
Purge End	16:48						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:05	0	125	6.15	0.00	7.72	0.25	0.83	1.64	17.5	42.3	Clear	No Odor
16:10	5	125	6.14	0.17	7.56	0.25	1.28	1.27	17.5	58.1	Clear	No Odor
16:15	5	125	6.15	0.34	7.53	0.25	1.40	1.12	17.8	53.5	Clear	No Odor
16:20	5	125	6.15	0.51	7.47	0.25	0.94	1.08	16.8	54.7	Clear	No Odor
16:25	5	125	6.15	0.68	7.51	0.25	0.72	0.84	17.4	46.6	Clear	No Odor
16:30	5	125	6.15	0.85	7.60	0.26	1.48	0.75	17.9	34.1	Clear	No Odor
16:35	5	125	6.15	1.02	7.52	0.26	1.01	0.78	17.3	36.1	Clear	No Odor
16:40	5	125	6.15	1.19	7.54	0.26	1.15	0.78	16.9	31.8	Clear	No Odor
16:45	5	125	6.15	1.36	7.49	0.26	0.97	0.77	16.8	33.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34920 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-160S			Date	8-10-21
Project Name/Location		Ford LTP		Weather	73.0 degrees F and Cloudy. The wind is blowing S/SW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.89	Total Depth (ft-bmp)	8.32	Water Column (ft.)	2.43	Gallons in Well	0.39
		Pump Intake (ft-bmp)	7.39	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.59				
Sample Time: Label	8:45	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	8:06						
Purge End	8:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:10	0	150	5.96	0.00	6.67	0.86	15.50	0.49	17.8	-52.3	Cloudy	No Odor
8:15	5	150	5.96	0.20	6.81	0.87	16.50	0.28	17.7	-83.8	Clear, Small White Particulates	No Odor
8:20	5	150	5.96	0.40	6.89	0.87	4.27	0.23	17.7	-94.7	Clear	No Odor
8:25	5	150	5.96	0.60	6.94	0.88	1.88	0.22	17.6	-100.6	Clear	No Odor
8:30	5	150	5.96	0.80	6.98	0.90	2.45	0.19	17.6	-104.1	Clear	No Odor
8:35	5	150	5.96	1.00	7.00	0.93	1.89	0.20	17.6	-108.0	Clear	No Odor
8:40	5	150	5.96	1.20	7.03	0.94	3.41	0.22	17.6	-109.3	Clear	No Odor
8:45	5	150	5.96	1.40	7.04	0.94	1.18	0.21	17.6	-109.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12141 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-161S			Date	8-5-21
Project Name/Location	Ford LTP			Weather	80.1 degrees F and Partly Cloudy. The wind is blowing SSW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.11	Total Depth (ft-bmp)	7.26	Water Column (ft.)	3.15	Gallons in Well	0.51
		Pump Intake (ft-bmp)	5.61	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.35				
Sample Time: Label	14:32	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	13:53						
Purge End	14:37						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:54	0	140	4.15	0.00	7.02	0.34	3.88	1.01	19.6	115.9	Clear	No Odor
13:59	5	125	4.16	0.18	7.09	0.30	3.46	0.32	18.8	36.7	Clear	No Odor
14:04	5	125	4.17	0.35	7.13	0.30	0.02	0.31	18.7	-10.1	Clear	No Odor
14:09	5	125	4.17	0.52	7.15	0.29	0.02	0.41	18.1	-37.1	Clear	No Odor
14:14	5	125	4.17	0.69	7.18	0.29	0.02	0.55	18.5	-45.1	Clear	No Odor
14:19	5	125	4.18	0.86	7.20	0.30	0.02	0.67	18.5	-48.0	Clear	No Odor
14:24	5	125	4.18	1.03	7.20	0.30	0.02	0.72	18.4	-50.0	Clear	No Odor
14:29	5	125	4.18	1.20	7.19	0.31	0.02	0.67	18.5	-50.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34851 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-162S			Date	8-10-21
Project Name/Location	Ford LTP			Weather	88.0 degrees F and Partly Cloudy. Wind W 14mph		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.30	Total Depth (ft-bmp)	7.71	Water Column (ft.)	2.41	Gallons in Well	0.39
		Pump Intake (ft-bmp)	6.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.56				
Sample Time: Label	15:27	Volume Purged	2.17 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	14:24						
Purge End	15:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:25	0	135	5.32	0.00	5.96	0.21	136.00	8.63	19.6	120.2	Cloudy	No Odor
14:30	5	150	5.34	0.18	6.09	0.16	52.20	6.36	18.7	86.9	Cloudy	No Odor
14:35	5	150	5.35	0.38	6.39	0.15	10.70	7.06	18.5	78.1	Clear	No Odor
14:40	5	150	5.35	0.58	6.53	0.15	6.38	6.80	18.5	69.7	Clear	No Odor
14:45	5	150	5.35	0.78	6.56	0.15	6.49	6.82	18.7	60.1	Clear	No Odor
14:50	5	125	5.34	0.98	6.64	0.15	4.64	6.15	19.5	55.7	Clear	No Odor
14:55	5	125	5.34	1.15	6.65	0.16	4.89	5.71	19.9	49.9	Clear	No Odor
15:00	5	125	5.34	1.32	6.64	0.16	4.64	5.57	19.8	46.8	Clear	No Odor
15:05	5	125	5.34	1.49	6.65	0.17	3.12	5.46	19.9	43.8	Clear	No Odor
15:10	5	125	5.34	1.66	6.67	0.17	1.33	5.23	19.9	41.6	Clear	No Odor
15:15	5	125	5.34	1.83	6.70	0.18	0.10	5.58	19.7	39.6	Clear	No Odor
15:20	5	125	5.34	2.00	6.76	0.18	0.02	4.90	20.0	38.7	Clear	No Odor
15:25	5	125	5.34	2.17	6.79	0.19	0.02	5.58	19.8	38.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12017 Brewster; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-163S			Date	8-5-21
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Partly Cloudy. The wind is blowing at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.80	Total Depth (ft-bmp)	6.75	Water Column (ft.)	2.95	Gallons in Well	0.48
		Pump Intake (ft-bmp)	5.30	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.63				
Sample Time: Label	13:46	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:13						
Purge End	13:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:15	0	100	3.85	0.00	7.29	0.67	23.00	0.64	18.0	-22.4	Turbid	No Odor
13:20	5	100	3.85	0.13	7.35	0.64	14.60	0.29	17.9	-44.2	Turbid	No Odor
13:25	5	100	3.85	0.26	7.40	0.63	5.63	0.24	17.9	-37.4	Clear	No Odor
13:30	5	100	3.85	0.39	7.41	0.62	3.65	0.21	18.0	-37.6	Clear	No Odor
13:35	5	100	3.85	0.52	7.42	0.62	2.40	0.20	17.9	-38.2	Clear	No Odor
13:40	5	100	3.85	0.65	7.42	0.62	3.42	0.17	17.9	-47.8	Clear	No Odor
13:45	5	100	3.85	0.78	7.44	0.61	1.15	0.16	18.0	-43.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	34591 Beacon front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-164S			Date	8-11-21
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Cloudy. The wind is blowing S/SW at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.10	Total Depth (ft-bmp)	7.49	Water Column (ft.)	2.39	Gallons in Well	0.39
		Pump Intake (ft-bmp)	6.60	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.05				
Sample Time: Label	12:11	Volume Purged	1.19 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:32						
Purge End	12:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:35	0	125	5.15	0.00	8.07	0.23	11.00	5.28	19.5	110.5	Clear	No Odor
11:40	5	125	5.15	0.17	8.00	0.25	5.51	4.72	19.6	114.1	Clear	No Odor
11:45	5	125	5.15	0.34	8.00	0.26	5.27	4.46	19.5	114.2	Clear	No Odor
11:50	5	125	5.15	0.51	7.99	0.26	4.47	5.18	19.5	115.2	Clear	No Odor
11:55	5	125	5.15	0.68	7.99	0.26	1.53	4.74	19.5	115.9	Clear	No Odor
12:00	5	125	5.15	0.85	7.99	0.27	2.48	4.95	19.8	114.8	Clear	No Odor
12:05	5	125	5.15	1.02	7.99	0.27	2.58	4.57	19.4	116.8	Clear	No Odor
12:10	5	125	5.15	1.19	7.98	0.27	1.93	4.95	19.4	117.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Water in vault covering well casing, bailed out water before opening j- plug

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34637 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-165S			Date	8-11-21
Project Name/Location	Ford LTP			Weather	75.9 degrees F and Mostly Cloudy. The wind is blowing SW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.13	Total Depth (ft-bmp)	6.29	Water Column (ft.)	2.16	Gallons in Well	0.35
		Pump Intake (ft-bmp)	5.63	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.83				
Sample Time: Label	10:51	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:47						
Purge End	11:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:50	0	125	4.18	0.00	7.22	0.57	16.00	1.41	18.4	199.1	Turbid	No Odor
9:55	5	125	4.18	0.17	7.30	0.57	4.73	0.24	18.4	174.9	Clear	No Odor
10:00	5	125	4.18	0.34	7.30	0.57	1.52	0.22	18.3	170.4	Clear	No Odor
10:05	5	125	4.18	0.51	7.31	0.57	2.08	0.21	18.4	159.4	Clear	No Odor
10:10	5	125	4.19	0.68	7.32	0.57	1.37	0.19	18.4	146.4	Clear	No Odor
10:15	5	125	4.19	0.85	7.33	0.57	1.97	0.18	18.4	136.7	Clear	No Odor
10:20	5	125	4.20	1.02	7.34	0.57	1.69	0.15	18.3	129.6	Clear	No Odor
10:25	5	125	4.20	1.19	7.34	0.57	0.59	0.12	18.4	122.1	Clear	No Odor
10:30	5	125	4.20	1.36	7.34	0.57	1.05	0.11	18.4	114.2	Clear	No Odor
10:35	5	125	4.20	1.53	7.35	0.57	0.70	0.20	18.5	107.9	Clear	No Odor
10:40	5	125	4.20	1.70	7.36	0.57	0.65	0.22	18.5	102.0	Clear	No Odor
10:45	5	125	4.20	1.87	7.35	0.57	0.62	0.20	18.5	97.6	Clear	No Odor
10:50	5	125	4.20	2.04	7.36	0.57	0.87	0.21	18.5	91.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

A little grey sludge around casing, removed about 1/2 inch before opening j-plug

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34669 Beacon; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-166S			Date	8-13-21
Project Name/Location	Ford LTP			Weather	80F, sunny		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.78	Total Depth (ft-bmp)	10.60	Water Column (ft.)	3.82	Gallons in Well	0.62
		Pump Intake (ft-bmp)	8.28	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.42				
Sample Time: Label	9:40	Volume Purged	0.26 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	9:00						
Purge End	9:45						

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Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:05	0	100	6.78	0.00	7.35	2.59	6.45	1.46	16.6	146.6	Clear	No Odor
9:10	5	100	6.78	0.13	7.19	2.57	2.57	0.73	16.5	8.9	Clear	No Odor
9:15	5	100	6.78	0.26	7.18	2.51	2.13	0.87	16.6	-26.4	Clear	No Odor
9:20	5	100	6.78	0.39	7.17	2.48	2.01	0.69	16.8	-42.7	Clear	No Odor
9:25	5	100	6.78	0.00	7.18	2.44	0.02	0.54	16.7	-52.4	Clear	No Odor
9:30	5	100	6.78	0.13	7.18	2.46	0.02	0.52	16.6	-50.9	Clear	No Odor
9:35	5	100	6.78	0.26	7.18	2.47	0.02	0.50	16.6	-51.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12147 Stark; Front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-167S			Date	8-19-21
Project Name/Location	Ford LTP			Weather	84.0 degrees F and Mostly Cloudy. The wind is blowing N at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.62	Total Depth (ft-bmp)	9.22	Water Column (ft.)	3.60	Gallons in Well	0.58
		Pump Intake (ft-bmp)	7.12	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.09				
Sample Time: Label	14:00	Volume Purged	2.37 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	12:58						
Purge End	14:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:00	0	150	5.65	0.00	7.73	0.62	33.30	4.60	21.3	202.2	Clear, Small Orange Particulates	No Odor
13:05	5	150	5.65	0.20	7.52	0.62	33.00	3.80	21.0	210.0	Clear, Small Orange Particulates	No Odor
13:10	5	150	5.65	0.40	7.35	0.61	21.70	4.24	20.1	216.9	Clear, Small Orange Particulates	No Odor
13:15	5	150	5.65	0.60	7.37	0.62	21.20	4.25	20.4	218.7	Clear, Small Orange Particulates	No Odor
13:20	5	150	5.65	0.80	7.29	0.61	15.60	4.72	19.9	224.9	Clear, Small Orange Particulates	No Odor
13:25	5	150	5.65	1.00	7.31	0.61	12.80	4.68	19.6	228.0	Clear	No Odor
13:30	5	125	5.65	1.20	7.26	0.61	11.30	4.59	19.0	238.3	Clear, Small Orange Particulates	No Odor
13:35	5	150	5.65	1.37	7.25	0.62	10.70	4.70	18.9	244.1	Clear, Small Orange Particulates	No Odor
13:40	5	150	5.65	1.57	7.26	0.63	9.04	4.33	18.9	247.6	Clear, Small Orange Particulates	No Odor
13:45	5	150	5.65	1.77	7.25	0.64	7.27	4.26	18.7	251.0	Clear	No Odor
13:50	5	150	5.65	1.97	7.24	0.65	8.04	4.28	18.8	254.5	Clear, Small Orange Particulates	No Odor
13:55	5	150	5.65	2.17	7.28	0.66	6.41	4.03	19.2	252.9	Clear, Small Orange Particulates	No Odor
14:00	5	150	5.65	2.37	7.26	0.67	5.38	3.84	19.0	255.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12001 Stark; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-168S			Date	8-16-21
Project Name/Location	Ford LTP			Weather	69.1 degrees F and Cloudy. The wind is blowing NE at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.12	Total Depth (ft-bmp)	6.77	Water Column (ft.)	3.65	Gallons in Well	0.59
		Pump Intake (ft-bmp)	4.62	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.02				
Sample Time: Label	13:21	Volume Purged	1.19 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:43						
Purge End	13:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:45	0	125	3.15	0.00	7.22	0.94	3.99	2.64	19.3	74.8	Clear	No Odor
12:50	5	125	3.15	0.17	7.23	0.95	2.51	2.30	19.3	74.1	Clear	No Odor
12:55	5	125	3.15	0.34	7.23	0.97	1.31	2.08	19.2	73.8	Clear	No Odor
13:00	5	125	3.15	0.51	7.24	0.98	0.94	1.92	19.2	73.4	Clear	No Odor
13:05	5	125	3.15	0.68	7.24	0.98	1.02	2.40	19.2	72.2	Clear	No Odor
13:10	5	125	3.15	0.85	7.24	0.99	0.84	3.01	19.2	70.8	Clear	No Odor
13:15	5	125	3.15	1.02	7.24	0.99	1.34	3.00	19.2	69.3	Clear	No Odor
13:20	5	125	3.15	1.19	7.23	1.00	0.92	2.99	19.2	67.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34480 Capitol; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-169S			Date	8-16-21
Project Name/Location	Ford LTP			Weather	69.1 degrees F and Cloudy. The wind is blowing NE at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.89	Total Depth (ft-bmp)	6.48	Water Column (ft.)	3.59	Gallons in Well	0.58
		Pump Intake (ft-bmp)	4.39	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.76				
Sample Time: Label	12:11	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:37						
Purge End	12:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:40	0	125	2.90	0.00	7.26	0.75	7.94	0.68	20.3	40.0	Clear	No Odor
11:45	5	125	2.91	0.17	7.26	0.84	4.28	0.35	20.2	29.9	Clear	No Odor
11:50	5	125	2.91	0.34	7.26	0.87	2.96	0.36	20.2	18.1	Clear	No Odor
11:55	5	125	2.91	0.51	7.25	0.88	2.24	0.43	20.2	10.9	Clear	No Odor
12:00	5	125	2.91	0.68	7.25	0.89	1.72	0.58	20.2	5.1	Clear	No Odor
12:05	5	125	2.91	0.85	7.25	0.90	1.25	0.57	20.2	0.5	Clear	No Odor
12:10	5	125	2.92	1.02	7.25	0.90	0.84	0.56	20.1	-2.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34450 Capitol; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-170S			Date	8-9-21
Project Name/Location	Ford LTP			Weather	82.0 degrees F and Mostly Cloudy. The wind is blowing S at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.34	Total Depth (ft-bmp)	9.52	Water Column (ft.)	3.18	Gallons in Well	0.52
		Pump Intake (ft-bmp)	7.84	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.85				
Sample Time: Label	12:40	Volume Purged	2 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	11:44						
Purge End	12:42						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:45	0	150	6.37	0.00	7.41	1.27	2.25	1.09	18.1	139.0	Clear, Small Orange Particulates	No Odor
11:50	5	150	6.37	0.20	7.37	1.42	2.54	0.87	17.3	139.3	Clear, Small Orange Particulates	No Odor
11:55	5	150	6.37	0.40	7.32	1.61	1.01	0.61	17.1	142.1	Clear	No Odor
12:00	5	150	6.37	0.60	7.29	1.77	0.82	0.71	17.0	144.1	Clear	No Odor
12:05	5	150	6.37	0.80	7.23	1.89	1.20	0.70	16.8	110.2	Clear	No Odor
12:10	5	150	6.37	1.00	7.19	1.97	1.52	0.74	16.9	10.8	Clear	No Odor
12:15	5	150	6.37	1.20	7.16	2.04	0.02	0.67	16.9	-57.4	Clear	No Odor
12:20	5	150	6.37	1.40	7.18	2.05	1.60	0.52	16.9	-76.5	Clear	No Odor
12:25	5	150	6.37	1.60	7.20	2.11	0.28	0.52	16.9	-87.4	Clear	No Odor
12:30	5	150	6.37	1.80	7.20	2.14	0.97	0.56	16.8	-92.5	Clear	No Odor
12:35	5	150	6.37	2.00	7.22	2.15	1.81	0.53	17.0	-95.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34991 Beacon; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-171S			Date	8-16-21
Project Name/Location	Ford LTP			Weather	63.0 degrees F and Cloudy. The wind is blowing N/NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.13	Total Depth (ft-bmp)	6.43	Water Column (ft.)	3.30	Gallons in Well	0.54
		Pump Intake (ft-bmp)	4.63	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.20				
Sample Time: Label	9:36	Volume Purged	1.19 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	8:58						
Purge End	9:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:00	0	125	3.13	0.00	7.09	0.89	19.80	1.06	18.8	17.2	Clear	No Odor
9:05	5	125	3.15	0.17	7.17	1.15	21.40	1.18	18.6	-28.6	Small White Particulates, Turbid	No Odor
9:10	5	125	3.15	0.34	7.20	1.19	15.80	1.21	18.5	-52.6	Clear, Small White Particulates	No Odor
9:15	5	125	3.15	0.51	7.21	1.20	12.00	0.99	18.5	-60.1	Clear	No Odor
9:20	5	125	3.15	0.68	7.22	1.20	9.59	0.32	18.5	-63.8	Clear	No Odor
9:25	5	125	3.15	0.85	7.23	1.20	6.89	0.28	18.6	-65.6	Clear	No Odor
9:30	5	125	3.15	1.02	7.23	1.20	7.22	0.24	18.6	-65.9	Clear	No Odor
9:35	5	125	3.15	1.19	7.23	1.20	6.81	0.20	18.6	-66.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

About 3 inches of water in vault, bailed out water before opening j-plug

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12101 Brewster; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-172S			Date	8-2-21
Project Name/Location		Ford LTP		Weather	71.1 degrees F and Mostly Clear. The wind is blowing at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.11	Total Depth (ft-bmp)	8.91	Water Column (ft.)	3.80	Gallons in Well	0.62
		Pump Intake (ft-bmp)	6.61	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.23				
Sample Time: Label	12:39	Volume Purged	2 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	11:41						
Purge End	12:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:42	0	150	5.24	0.00	7.42	0.32	406.00	4.05	22.3	111.5	Cloudy	No Odor
11:47	5	140	5.25	0.20	7.30	0.30	337.00	3.35	21.3	123.5	Cloudy	No Odor
11:52	5	140	5.25	0.38	7.35	0.29	241.00	3.47	20.2	124.7	Cloudy	No Odor
11:57	5	140	5.25	0.56	7.37	0.29	185.00	3.49	19.9	123.9	Cloudy	No Odor
12:02	5	140	5.25	0.74	7.38	0.28	143.00	3.69	19.4	122.1	Cloudy	No Odor
12:07	5	140	5.25	0.92	7.36	0.28	78.40	3.97	19.1	121.4	Cloudy	No Odor
12:12	5	140	5.25	1.10	7.37	0.28	42.10	3.96	18.9	119.4	Cloudy	No Odor
12:17	5	140	5.25	1.28	7.37	0.28	31.30	3.96	18.8	118.0	Clear	No Odor
12:22	5	140	5.25	1.46	7.40	0.28	24.60	4.01	18.7	115.5	Clear	No Odor
12:27	5	140	5.25	1.64	7.41	0.28	22.20	4.04	18.5	114.5	Clear	No Odor
12:32	5	140	5.25	1.82	7.40	0.28	24.30	3.74	18.5	112.9	Clear	No Odor
12:37	5	140	5.25	2.00	7.39	0.28	23.00	3.77	18.2	111.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11701 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-173S			Date	8-20-21
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Clear. The wind is blowing north at 3.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.03	Total Depth (ft-bmp)	10.20	Water Column (ft.)	4.17	Gallons in Well	0.68
		Pump Intake (ft-bmp)	7.53	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.50				
Sample Time: Label	11:15	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	10:43						
Purge End	11:19						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:45	0	130	6.10	0.00	7.98	0.49	47.90	2.58	19.1	73.6	Clear, Small Orange Particulates	No Odor
10:50	5	130	6.10	0.17	7.81	0.52	42.10	2.16	19.1	26.6	Clear, Small Orange Particulates	No Odor
10:55	5	130	6.83	0.34	7.70	0.52	30.80	2.22	19.0	-75.1	Clear	No Odor
11:00	5	130	6.83	0.51	7.70	0.51	18.80	2.27	19.0	-76.6	Clear	No Odor
11:05	5	130	6.83	0.68	7.69	0.51	4.47	2.38	18.6	-73.9	Clear	No Odor
11:10	5	130	6.83	0.85	7.69	0.51	0.89	2.25	18.6	-71.1	Clear	No Odor
11:15	5	130	6.83	1.02	7.69	0.50	0.02	2.20	18.7	-70.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	11721 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-174S			Date	8-4-21
Project Name/Location	Ford LTP			Weather	80.1 degrees F and Partly Cloudy. The wind is blowing WSW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.29	Total Depth (ft-bmp)	10.20	Water Column (ft.)	2.91	Gallons in Well	0.47
		Pump Intake (ft-bmp)	8.79	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.91				
Sample Time: Label	14:30	Volume Purged	1.37 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	13:45						
Purge End	14:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:46	0	140	7.31	0.00	6.89	0.40	4.26	1.44	16.3	73.9	Clear	No Odor
13:51	5	125	7.31	0.18	7.12	0.39	4.49	0.90	16.1	35.7	Clear	No Odor
13:56	5	125	7.31	0.35	7.20	0.37	3.15	1.00	15.7	28.0	Clear	No Odor
14:01	5	125	7.31	0.52	7.25	0.36	0.61	0.95	15.9	22.5	Clear	No Odor
14:06	5	125	7.31	0.69	7.27	0.36	14.60	0.87	15.7	19.3	Clear	No Odor
14:11	5	125	7.31	0.86	7.27	0.36	4.12	0.58	15.3	17.3	Clear	No Odor
14:16	5	125	7.31	1.03	7.29	0.36	1.29	0.74	15.3	17.9	Clear	No Odor
14:21	5	125	7.31	1.20	7.30	0.36	0.69	0.71	15.3	18.2	Clear	No Odor
14:26	5	125	7.31	1.37	7.30	0.36	0.02	0.67	15.3	17.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	11865 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-176S			Date	8-4-21
Project Name/Location	Ford LTP			Weather	75.0 degrees F and Mostly Clear. The wind is blowing W at 2.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.18	Total Depth (ft-bmp)	9.28	Water Column (ft.)	3.10	Gallons in Well	0.50
		Pump Intake (ft-bmp)	7.68	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.10				
Sample Time: Label	11:37	Volume Purged	1.05 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	11:04						
Purge End	11:42						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	150	6.21	0.00	6.88	0.32	0.02	1.73	16.3	144.5	Clear	No Odor
11:10	5	125	6.21	0.20	7.34	0.28	0.02	1.07	16.1	103.0	Clear	No Odor
11:15	5	125	6.21	0.37	7.42	0.26	0.02	1.08	16.0	91.3	Clear	No Odor
11:20	5	125	6.21	0.54	7.41	0.24	0.02	1.18	15.9	85.0	Clear	No Odor
11:25	5	125	6.21	0.71	7.42	0.24	0.02	1.20	15.9	79.7	Clear	No Odor
11:30	5	125	6.21	0.88	7.43	0.23	0.02	1.27	15.9	76.2	Clear	No Odor
11:35	5	125	6.21	1.05	7.43	0.23	0.02	1.26	15.8	73.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	11845 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-177S			Date	8-5-21
Project Name/Location	Ford LTP			Weather	68.0 degrees F and Mostly Cloudy. The wind is blowing S at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.22	Total Depth (ft-bmp)	7.99	Water Column (ft.)	2.77	Gallons in Well	0.45
		Pump Intake (ft-bmp)	6.72	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.67				
Sample Time: Label	9:59	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	9:21						
Purge End	10:04						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:22	0	140	5.29	0.00	6.87	0.54	99.10	2.87	16.4	166.4	Cloudy	No Odor
9:27	5	125	5.35	0.18	7.65	0.50	35.40	1.86	16.5	123.3	Clear	No Odor
9:32	5	125	5.37	0.35	7.57	0.47	9.59	1.37	16.6	108.6	Clear	No Odor
9:37	5	125	5.37	0.52	7.34	0.42	1.29	1.35	16.6	98.0	Clear	No Odor
9:42	5	125	5.38	0.69	7.31	0.40	0.75	1.45	16.7	94.9	Clear	No Odor
9:47	5	125	5.38	0.86	7.29	0.38	0.02	1.42	16.7	91.3	Clear	No Odor
9:52	5	125	5.38	1.03	7.28	0.38	0.02	1.42	16.7	89.1	Clear	No Odor
9:57	5	125	5.38	1.20	7.28	0.38	0.02	1.38	16.7	87.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11866 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-178S			Date	8-4-21
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Mostly Clear. The wind is blowing N at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.43	Total Depth (ft-bmp)	8.81	Water Column (ft.)	3.38	Gallons in Well	0.55
		Pump Intake (ft-bmp)	6.93	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.49				
Sample Time: Label	12:51	Volume Purged	1.37 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	12:08						
Purge End	12:58						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:09	0	140	5.46	0.00	6.39	0.36	39.80	1.63	16.4	122.5	Clear	No Odor
12:14	5	125	5.46	0.18	6.53	0.33	28.80	0.26	16.3	70.5	Clear	No Odor
12:19	5	125	5.48	0.35	6.66	0.32	17.20	0.25	16.2	42.9	Clear	No Odor
12:24	5	125	5.48	0.52	6.77	0.33	7.67	0.31	16.1	27.6	Clear	No Odor
12:29	5	125	5.48	0.69	6.83	0.34	5.47	0.39	16.3	17.7	Clear	No Odor
12:34	5	125	5.48	0.86	6.87	0.34	1.12	0.41	17.0	10.3	Clear	No Odor
12:39	5	125	5.49	1.03	6.91	0.35	1.34	0.45	17.1	3.4	Clear	No Odor
12:44	5	125	5.49	1.20	6.94	0.35	2.82	0.49	17.2	0.0	Clear	No Odor
12:49	5	125	5.49	1.37	6.97	0.36	1.02	0.49	17.1	-2.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11850 Boston Post; backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-179S			Date	8-3-21
Project Name/Location	Ford LTP			Weather	75.0 degrees F and Partly Cloudy. The wind is blowing NW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.96	Total Depth (ft-bmp)	10.87	Water Column (ft.)	3.91	Gallons in Well	0.64
		Pump Intake (ft-bmp)	8.46	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.61				
Sample Time: Label	12:35	Volume Purged	1.03 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	12:00						
Purge End	12:38						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:01	0	140	6.99	0.00	6.35	0.17	0.02	3.70	17.8	179.2	Clear	No Odor
12:06	5	130	6.99	0.18	6.63	0.13	0.02	2.99	18.1	154.6	Clear	No Odor
12:11	5	125	6.99	0.35	6.73	0.12	0.02	2.32	18.1	135.4	Clear	No Odor
12:16	5	125	6.99	0.52	6.76	0.12	0.02	2.24	17.6	126.4	Clear	No Odor
12:21	5	125	6.99	0.69	6.78	0.12	0.02	2.11	17.9	119.7	Clear	No Odor
12:26	5	125	6.99	0.86	6.81	0.12	0.02	2.17	17.7	114.8	Clear	No Odor
12:31	5	125	6.99	1.03	6.78	0.12	0.02	2.16	17.4	113.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34870 Wadsworth; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-180SR			Date	8-6-21
Project Name/Location	Ford LTP			Weather	72.0 degrees F and Mostly Cloudy. The wind is blowing S at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-11.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.04	Total Depth (ft-bmp)	10.99	Water Column (ft.)	3.95	Gallons in Well	0.64
		Pump Intake (ft-bmp)	8.54	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.59				
Sample Time: Label	10:21	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:47						
Purge End	10:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:50	0	125	7.08	0.00	7.75	0.30	1.60	6.27	18.4	227.7	Clear	No Odor
9:55	5	125	7.08	0.17	7.67	0.30	1.22	4.82	18.0	223.6	Clear	No Odor
10:00	5	125	7.08	0.34	7.72	0.30	0.54	4.45	18.1	214.0	Clear	No Odor
10:05	5	125	7.08	0.51	7.76	0.30	0.02	4.40	18.3	208.6	Clear	No Odor
10:10	5	125	7.08	0.68	7.77	0.30	0.10	4.33	18.5	205.6	Clear	No Odor
10:15	5	125	7.08	0.85	7.78	0.30	1.20	4.14	18.2	202.7	Clear	No Odor
10:20	5	125	7.08	1.02	7.78	0.30	0.02	4.25	18.1	201.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34891 Wadsworth; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-181S			Date	8-4-21
Project Name/Location	Ford LTP			Weather	80.1 degrees F and Cloudy. The wind is blowing SW at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.5-8.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.45	Total Depth (ft-bmp)	8.58	Water Column (ft.)	3.13	Gallons in Well	0.51
		Pump Intake (ft-bmp)	6.95	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.00				
Sample Time: Label	10:16	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:13						
Purge End	10:22						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:15	0	125	5.48	0.00	7.32	2.33	8.47	1.93	17.5	-46.6	Clear	No Odor
9:20	5	125	5.48	0.17	7.31	2.46	10.70	1.31	17.4	-68.4	Clear	No Odor
9:25	5	125	5.48	0.34	7.29	2.53	9.74	0.46	17.3	-86.7	Clear	No Odor
9:30	5	125	5.48	0.51	7.26	2.55	8.90	0.37	17.3	-95.7	Clear	No Odor
9:35	5	125	5.48	0.68	7.27	2.53	9.12	0.33	17.2	-96.7	Clear	No Odor
9:40	5	125	5.48	0.85	7.28	2.51	12.90	4.24	17.3	-94.5	Clear	No Odor
9:45	5	125	5.48	1.02	7.29	2.50	9.93	4.02	17.3	-92.9	Clear	No Odor
9:50	5	125	5.48	1.19	7.30	2.48	8.74	3.85	17.5	-90.8	Clear	No Odor
9:55	5	125	5.48	1.36	7.31	2.47	7.44	3.70	17.5	-88.8	Clear	No Odor
10:00	5	125	5.48	1.53	7.31	2.48	6.70	3.72	17.6	-87.5	Clear	No Odor
10:05	5	125	5.48	1.70	7.32	2.49	7.00	3.71	17.6	-85.5	Clear	No Odor
10:10	5	125	5.48	1.87	7.32	2.47	4.80	3.34	17.7	-83.2	Clear	No Odor
10:15	5	125	5.48	2.04	7.33	2.46	5.16	3.67	17.8	-81.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34990 Wadsworth; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-182S			Date	8-2-21
Project Name/Location	Ford LTP			Weather	71.1 degrees F and Mostly Clear. The wind is blowing at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.23	Total Depth (ft-bmp)	8.78	Water Column (ft.)	3.55	Gallons in Well	0.58
		Pump Intake (ft-bmp)	6.73	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.34				
Sample Time: Label	12:36	Volume Purged	1.36 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:53						
Purge End	12:42						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:55	0	125	5.32	0.00	7.45	0.44	0.58	1.62	18.3	208.8	Clear	No Odor
12:00	5	125	5.32	0.17	7.47	0.44	0.75	1.22	18.4	201.8	Clear	No Odor
12:05	5	125	5.33	0.34	7.47	0.44	0.54	1.07	18.3	195.3	Clear	No Odor
12:10	5	125	5.33	0.51	7.48	0.44	0.19	1.26	18.5	187.7	Clear	No Odor
12:15	5	125	5.33	0.68	7.47	0.44	0.93	1.24	18.5	183.3	Clear	No Odor
12:20	5	125	5.33	0.85	7.48	0.44	0.33	1.25	18.6	177.5	Clear	No Odor
12:25	5	125	5.33	1.02	7.47	0.44	0.08	1.26	18.5	171.6	Clear	No Odor
12:30	5	125	5.34	1.19	7.47	0.44	0.61	1.21	18.4	166.4	Clear	No Odor
12:35	5	125	5.34	1.36	7.47	0.44	0.02	1.18	18.4	161.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34766 Standish; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-183S			Date	8-18-21
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Haze. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.25	Total Depth (ft-bmp)	12.68	Water Column (ft.)	4.43	Gallons in Well	0.72
		Pump Intake (ft-bmp)	9.75	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.82				
Sample Time: Label	11:03	Volume Purged	1.31 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:24						
Purge End	11:08						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:25	0	150	8.28	0.00	6.75	0.42	1.10	6.07	16.3	179.3	Clear	No Odor
10:30	5	150	8.28	0.20	7.19	0.39	4.96	4.82	15.5	125.3	Clear	No Odor
10:35	5	150	8.30	0.40	7.25	0.36	3.81	4.88	15.4	110.6	Clear	No Odor
10:40	5	150	8.29	0.60	7.32	0.36	2.08	4.97	15.3	103.4	Clear	No Odor
10:45	5	130	8.29	0.80	7.36	0.36	0.52	4.39	15.8	101.5	Clear	No Odor
10:50	5	125	8.28	0.97	7.39	0.36	0.56	4.09	16.1	101.8	Clear	No Odor
10:55	5	125	8.28	1.14	7.40	0.37	0.02	3.95	16.1	102.4	Clear	No Odor
11:00	5	125	8.27	1.31	7.41	0.37	0.02	3.74	16.2	102.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	34934 Standish; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-184S			Date	8-5-21
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Mostly Cloudy. The wind is blowing W/SW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.92	Total Depth (ft-bmp)	8.72	Water Column (ft.)	2.80	Gallons in Well	0.45
		Pump Intake (ft-bmp)	7.42	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.64				
Sample Time: Label	11:08	Volume Purged	1.19 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:30						
Purge End	11:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:31	0	130	5.95	0.00	6.74	0.47	61.40	0.82	14.9	96.4	Cloudy	No Odor
10:36	5	125	5.95	0.17	6.97	0.46	20.90	0.24	14.7	30.8	Clear	No Odor
10:41	5	125	5.95	0.34	7.06	0.49	8.97	0.14	14.6	-1.5	Clear	No Odor
10:46	5	125	5.95	0.51	7.09	0.53	2.53	0.07	14.6	-8.7	Clear	No Odor
10:51	5	125	5.95	0.68	7.12	0.56	0.30	0.07	14.6	-10.0	Clear	No Odor
10:56	5	125	5.95	0.85	7.14	0.57	0.35	0.11	14.7	-11.0	Clear	No Odor
11:01	5	125	5.95	1.02	7.16	0.59	0.02	0.09	14.7	-11.6	Clear	No Odor
11:06	5	125	5.95	1.19	7.18	0.59	0.02	0.09	14.6	-13.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11981 Boston Post; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-185S			Date	8-6-21
Project Name/Location	Ford LTP			Weather	77.0 degrees F and Cloudy. The wind is blowing S/SW at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.56	Total Depth (ft-bmp)	10.54	Water Column (ft.)	2.98	Gallons in Well	0.48
		Pump Intake (ft-bmp)	9.06	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.50				
Sample Time: Label	12:50	Volume Purged	3.12 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	11:47						
Purge End	12:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:50	0	200	7.61	0.00	7.64	0.29	1.68	5.83	18.2	101.9	Clear	No Odor
11:55	5	200	7.61	0.26	7.34	0.30	2.35	4.70	17.7	82.2	Clear	No Odor
12:00	5	200	7.61	0.52	7.31	0.32	2.79	3.23	17.5	2.0	Clear	No Odor
12:05	5	200	7.61	0.78	7.28	0.37	2.22	1.74	17.5	-3.3	Clear	No Odor
12:10	5	200	7.61	1.04	7.26	0.38	1.72	1.49	17.5	-22.8	Clear	No Odor
12:15	5	200	7.61	1.30	7.23	0.40	0.76	1.26	17.4	-34.3	Clear	No Odor
12:20	5	200	7.61	1.56	7.23	0.41	1.01	1.12	17.4	-46.7	Clear	No Odor
12:25	5	200	7.61	1.82	7.25	0.43	0.62	1.11	17.4	-50.8	Clear	No Odor
12:30	5	200	7.61	2.08	7.20	0.45	0.95	1.04	17.2	-47.3	Clear	No Odor
12:35	5	200	7.61	2.34	7.21	0.46	0.88	1.03	17.3	-44.5	Clear	No Odor
12:40	5	200	7.61	2.60	7.20	0.46	1.08	0.92	17.3	-38.8	Clear	No Odor
12:45	5	200	7.61	2.86	7.25	0.46	0.29	0.84	17.3	-35.5	Clear	No Odor
12:50	5	200	7.61	3.12	7.23	0.47	0.48	0.69	17.2	-31.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34921 Beacon; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-193S			Date	8-5-21
Project Name/Location	Ford LTP			Weather	64.0 degrees F and Haze. The wind is blowing S at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.98	Total Depth (ft-bmp)	7.30	Water Column (ft.)	3.32	Gallons in Well	0.54
		Pump Intake (ft-bmp)	5.48	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.69				
Sample Time: Label	8:50	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	8:12						
Purge End	8:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:15	0	100	4.11	0.00	6.73	1.10	15.40	1.12	18.9	-78.3	Clear, Small Black Particulates,	Slight Odor
8:20	5	100	4.14	0.13	6.79	1.07	8.90	0.59	18.8	-105.9	Clear, Small Black Particulates	Faint Odor
8:25	5	100	4.15	0.26	6.82	0.99	6.40	0.47	18.8	-120.6	Clear, Small Black Particulates	Faint Odor
8:30	5	100	4.16	0.39	6.90	0.97	4.10	0.39	18.7	-127.3	Clear, Small Black Particulates	Faint Odor
8:35	5	100	4.17	0.52	6.91	0.95	3.16	0.34	18.6	-130.0	Clear, Small Black Particulates	Faint Odor
8:40	5	100	4.18	0.65	6.95	0.92	2.12	0.31	18.5	-131.7	Clear	Faint Odor
8:45	5	100	4.18	0.78	6.96	0.91	2.45	0.31	18.6	-132.4	Clear	Faint Odor
8:50	5	100	4.19	0.91	6.98	0.90	2.18	0.27	18.5	-132.9	Clear, Small Black Particulates	Faint Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34940 Beacon; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-207S			Date	8-13-21
Project Name/Location	Ford LTP			Weather	75F, overcast		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.37	Total Depth (ft-bmp)	8.79	Water Column (ft.)	1.42	Gallons in Well	0.23
		Pump Intake (ft-bmp)	8.08	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.78				
Sample Time: Label	13:20	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	12:10						
Purge End	13:25						

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Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:15	0	100	7.37	0.00	7.74	0.28	33.90	3.41	19.4	98.0	Clear, Turbid	No Odor
12:20	5	100	7.37	0.13	6.98	0.24	27.60	2.25	18.8	125.0	Clear, Turbid	No Odor
12:25	5	100	7.37	0.26	6.97	0.23	23.90	2.06	18.8	119.0	Clear, Turbid	No Odor
12:30	5	100	7.37	0.39	6.98	0.23	19.70	2.05	18.8	114.6	Clear, Turbid	No Odor
12:35	5	100	7.37	0.52	7.04	0.23	12.40	2.05	18.7	105.4	Clear	No Odor
12:40	5	100	7.37	0.65	7.22	0.23	7.39	2.09	18.7	82.5	Clear	No Odor
12:45	5	100	7.37	0.78	7.23	0.23	6.84	2.14	18.7	75.3	Clear	No Odor
12:50	5	100	7.37	0.91	7.30	0.24	3.87	2.15	18.6	68.6	Clear	No Odor
12:55	5	100	7.37	1.04	7.37	0.26	1.19	2.15	18.7	58.5	Clear	No Odor
13:00	5	100	7.37	1.17	7.36	0.26	0.88	2.17	18.7	58.4	Clear	No Odor
13:05	5	100	7.37	1.30	7.42	0.26	0.86	2.17	18.7	55.5	Clear	No Odor
13:10	5	100	7.37	1.43	7.40	0.25	0.02	2.20	18.7	56.2	Clear	No Odor
13:15	5	100	7.37	1.56	7.68	0.26	0.02	2.16	18.7	56.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12125 Stark; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-214S			Date	8-19-21
Project Name/Location	Ford LTP			Weather	84.9 degrees F and Mostly Cloudy. The wind is blowing N at 3 mph		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.70	Total Depth (ft-bmp)	10.89	Water Column (ft.)	4.19	Gallons in Well	0.68
		Pump Intake (ft-bmp)	8.20	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.35				
Sample Time: Label	15:15	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	14:25						
Purge End	15:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:30	0	150	6.72	0.00	7.33	0.96	3.11	2.60	23.0	245.8	Clear, Small Orange Particulates	No Odor
14:35	5	150	6.72	0.20	6.97	2.55	3.35	1.01	22.6	260.0	Clear, Small Orange Particulates	No Odor
14:40	5	150	6.72	0.40	6.96	3.08	3.26	0.77	22.3	79.7	Clear	No Odor
14:45	5	150	6.72	0.60	6.99	3.11	1.93	0.91	22.6	19.7	Clear	No Odor
14:50	5	150	6.72	0.80	6.98	3.30	3.44	0.69	22.1	-26.5	Clear	No Odor
14:55	5	150	6.72	1.00	6.99	3.37	4.43	0.65	22.0	-44.8	Clear	No Odor
15:00	5	150	6.72	1.20	7.00	3.42	2.56	0.63	22.1	-57.7	Clear	No Odor
15:05	5	150	6.72	1.40	7.00	3.44	2.94	0.63	22.1	-62.3	Clear	No Odor
15:10	5	150	6.72	1.60	7.00	3.46	4.35	0.58	22.0	-65.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	12400 Belden; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-215S			Date	8-20-21
Project Name/Location	Ford LTP			Weather	84.9 degrees F and Partly Cloudy. The wind is blowing E at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.82	Total Depth (ft-bmp)	7.58	Water Column (ft.)	2.76	Gallons in Well	0.45
		Pump Intake (ft-bmp)	6.32	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.00				
Sample Time: Label	14:30	Volume Purged	1.8 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:39						
Purge End	14:34						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:40	0	150	4.85	0.00	9.11	0.41	26.90	6.11	23.6	88.5	Cloudy	No Odor
13:45	5	150	4.85	0.20	8.58	0.28	24.40	6.00	23.6	110.0	Cloudy	No Odor
13:50	5	150	4.85	0.40	8.45	0.26	23.00	5.57	23.7	128.0	Cloudy	No Odor
13:55	5	150	4.85	0.60	8.27	0.26	21.90	5.71	22.8	153.3	Cloudy	No Odor
14:00	5	150	4.85	0.80	8.21	0.26	20.40	6.06	22.6	167.2	Clear	No Odor
14:05	5	150	4.85	1.00	8.13	0.27	17.90	6.58	22.4	181.3	Clear	No Odor
14:10	5	150	4.85	1.20	8.10	0.28	15.10	6.43	22.4	187.8	Clear	No Odor
14:15	5	150	4.85	1.40	8.07	0.28	13.40	6.37	22.3	196.7	Clear	No Odor
14:20	5	150	4.85	1.60	8.08	0.28	12.40	6.62	22.6	199.9	Clear	No Odor
14:25	5	150	4.85	1.80	8.13	0.28	13.50	6.45	22.6	201.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	35000 Plymouth; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-216S			Date	8-3-21
Project Name/Location	Ford LTP			Weather	73.0 degrees F and Mostly Cloudy. The wind is blowing NW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.43	Total Depth (ft-bmp)	10.40	Water Column (ft.)	2.97	Gallons in Well	0.48
		Pump Intake (ft-bmp)	8.93	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.25				
Sample Time: Label	11:08	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:06						
Purge End	11:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:07	0	125	7.46	0.00	5.89	0.24	2.08	6.38	15.1	196.7	Clear	No Odor
10:12	5	125	7.46	0.17	6.59	0.19	0.02	5.93	15.8	178.1	Clear	No Odor
10:17	5	125	7.48	0.34	6.81	0.23	0.02	4.33	14.2	163.1	Clear	No Odor
10:22	5	125	7.48	0.51	6.92	0.24	0.02	4.11	14.1	156.1	Clear	No Odor
10:27	5	125	7.48	0.68	6.94	0.24	0.02	3.88	14.0	153.2	Clear	No Odor
10:32	5	125	7.48	0.85	6.99	0.24	0.02	3.52	14.1	150.3	Clear	No Odor
10:37	5	125	7.48	1.02	7.02	0.24	0.02	3.32	14.1	148.0	Clear	No Odor
10:42	5	125	7.48	1.19	7.04	0.24	0.02	3.16	14.0	146.3	Clear	No Odor
10:47	5	125	7.48	1.36	7.07	0.25	0.02	2.95	14.0	145.1	Clear	No Odor
10:52	5	125	7.48	1.53	7.11	0.25	0.02	2.77	14.0	143.1	Clear	No Odor
10:57	5	125	7.48	1.70	7.14	0.25	0.02	2.54	13.9	141.6	Clear	No Odor
11:02	5	125	7.48	1.87	7.16	0.25	0.02	2.46	14.0	140.2	Clear	No Odor
11:07	5	125	7.48	2.04	7.17	0.25	0.02	2.65	13.9	139.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34851 Wadsworth; backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-217S			Date	8-4-21
Project Name/Location	Ford LTP			Weather	80.1 degrees F and Cloudy. The wind is blowing SW at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.65	Total Depth (ft-bmp)	10.20	Water Column (ft.)	3.55	Gallons in Well	0.58
		Pump Intake (ft-bmp)	8.15	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.52				
Sample Time: Label	14:16	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:13						
Purge End	14:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:15	0	125	6.70	0.00	7.04	0.47	8.80	0.94	15.4	28.2	Clear	No Odor
13:20	5	125	6.70	0.17	7.05	0.48	9.38	0.45	15.4	8.9	Clear	No Odor
13:25	5	125	6.70	0.34	7.10	0.49	7.79	0.50	15.5	-10.5	Clear	No Odor
13:30	5	125	6.70	0.51	7.11	0.49	9.80	0.74	15.4	-19.7	Clear	No Odor
13:35	5	125	6.70	0.68	7.13	0.49	10.00	0.72	15.4	-24.6	Clear	No Odor
13:40	5	125	6.70	0.85	7.13	0.48	9.30	0.74	15.5	-28.0	Clear	No Odor
13:45	5	125	6.70	1.02	7.15	0.48	8.61	0.73	15.3	-30.4	Clear	No Odor
13:50	5	125	6.70	1.19	7.15	0.48	7.80	0.78	15.1	-31.5	Clear	No Odor
13:55	5	125	6.70	1.36	7.18	0.48	9.75	0.79	15.2	-32.8	Clear	No Odor
14:00	5	125	6.70	1.53	7.18	0.48	8.57	0.77	15.1	-34.0	Clear	No Odor
14:05	5	125	6.70	1.70	7.19	0.48	5.62	0.78	15.1	-35.6	Clear	No Odor
14:10	5	125	6.70	1.87	7.18	0.47	5.21	0.79	15.1	-34.4	Clear	No Odor
14:15	5	125	6.70	2.04	7.20	0.48	4.63	0.77	15.1	-33.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34935 Wadsworth; backyard	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-223S			Date	8-20-21
Project Name/Location	Ford LTP			Weather	82.9 degrees F and Mostly Clear. The wind is blowing E/NE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.5-13.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.75	Total Depth (ft-bmp)	13.22	Water Column (ft.)	2.47	Gallons in Well	0.40
		Pump Intake (ft-bmp)	12.25	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.00				
Sample Time: Label	13:10	Volume Purged	2.4 gallons	Replicate/Code No.	MW-223S-MS_082021, MW-223S-MSD_082021	Sampled by	Emma Witherspoon
Purge Start	12:07						
Purge End	13:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:10	0	150	10.92	0.00	7.15	2.63	27.70	1.71	21.5	148.3	Clear, Small Orange Particulates	No Odor
12:15	5	150	10.88	0.20	7.13	2.58	17.70	1.03	21.6	114.4	Clear, Small Orange Particulates	No Odor
12:20	5	150	10.88	0.40	7.13	2.55	7.70	0.88	21.4	94.7	Clear, Small Orange Particulates	No Odor
12:25	5	150	10.88	0.60	7.14	2.50	5.15	0.88	21.4	69.3	Clear	No Odor
12:30	5	150	10.88	0.80	7.10	2.42	3.99	0.64	21.2	10.1	Clear	No Odor
12:35	5	150	10.88	1.00	7.12	2.37	3.26	0.61	21.2	-21.7	Clear	No Odor
12:40	5	150	10.88	1.20	7.10	2.31	2.73	0.57	21.1	-36.2	Clear	No Odor
12:45	5	150	10.88	1.40	7.11	2.23	2.43	0.49	21.0	-43.4	Clear	No Odor
12:50	5	150	10.88	1.60	7.12	2.16	2.51	0.46	21.0	-44.6	Clear	No Odor
12:55	5	150	10.88	1.80	7.11	2.11	3.11	0.49	20.7	-41.9	Clear	No Odor
13:00	5	150	10.88	2.00	7.13	2.06	3.22	0.50	20.8	-40.7	Clear	No Odor
13:05	5	150	10.88	2.20	7.12	2.00	3.34	0.48	20.7	-38.7	Clear	No Odor
13:10	5	150	10.88	2.40	7.11	1.97	2.00	0.51	20.7	-34.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	35000 Plymouth; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-225S			Date	8-2-21
Project Name/Location	Ford LTP			Weather	64.9 degrees F and Clear. The wind is blowing N at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.50	Total Depth (ft-bmp)	9.54	Water Column (ft.)	3.04	Gallons in Well	0.49
		Pump Intake (ft-bmp)	8.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.16				
Sample Time: Label	10:51	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:48						
Purge End	10:57						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:50	0	125	6.56	0.00	6.77	0.29	4.84	5.33	17.5	218.2	Clear	No Odor
9:55	5	125	6.56	0.17	6.85	0.30	3.58	5.24	17.4	205.8	Clear	No Odor
10:00	5	125	6.57	0.34	6.91	0.31	3.11	5.15	17.3	198.9	Clear	No Odor
10:05	5	125	6.57	0.51	6.97	0.31	3.14	5.20	17.4	195.1	Clear	No Odor
10:10	5	125	6.59	0.68	6.97	0.32	5.01	5.49	17.2	194.2	Clear	No Odor
10:15	5	125	6.60	0.85	7.01	0.32	6.10	5.10	17.1	193.8	Clear	No Odor
10:20	5	125	6.60	1.02	7.05	0.33	8.67	5.08	17.2	193.7	Clear	No Odor
10:25	5	125	6.60	1.19	7.10	0.33	7.65	4.51	17.1	194.0	Clear	No Odor
10:30	5	125	6.60	1.36	7.15	0.34	6.88	4.63	17.2	194.8	Clear	No Odor
10:35	5	125	6.60	1.53	7.17	0.34	4.27	4.70	17.2	195.1	Clear	No Odor
10:40	5	125	6.60	1.70	7.18	0.35	3.10	4.86	17.2	195.5	Clear	No Odor
10:45	5	125	6.60	1.87	7.20	0.35	1.89	4.29	17.2	195.2	Clear	No Odor
10:50	5	125	6.60	2.04	7.21	0.35	1.36	4.31	17.2	196.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	34800 Standish; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-72			Date	8-16-21
Project Name/Location	Ford LTP			Weather	62.1 degrees F and Cloudy. The wind is blowing N/NE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.50	Total Depth (ft-bmp)	19.62	Water Column (ft.)	12.12	Gallons in Well	1.97
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.49				
Sample Time: Label	8:55	Volume Purged	0.96 gallons	Replicate/Code No.	DUP-08	Sampled by	Christian Garrido
Purge Start	8:23						
Purge End	9:07						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:25	0	120	7.50	0.00	7.25	10.68	0.02	1.75	18.0	-102.9	Clear	No Odor
8:30	5	120	7.50	0.16	7.29	10.78	0.02	0.52	17.9	-115.5	Clear	No Odor
8:35	5	120	7.86	0.32	7.30	10.79	3.77	0.37	17.9	-118.6	Clear	No Odor
8:40	5	120	7.86	0.48	7.29	10.79	0.02	0.29	17.9	-118.9	Clear	No Odor
8:45	5	120	7.60	0.64	7.29	10.79	0.02	0.30	17.8	-119.2	Clear	No Odor
8:50	5	120	7.60	0.80	7.29	10.79	0.02	0.27	17.8	-119.3	Clear	No Odor
8:55	5	120	7.60	0.96	7.29	10.75	0.02	0.35	17.7	-119.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-72S			Date	8-16-21
Project Name/Location	Ford LTP			Weather	64.9 degrees F and Cloudy. The wind is blowing N/NE at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.65	Total Depth (ft-bmp)	12.85	Water Column (ft.)	5.20	Gallons in Well	0.84
		Pump Intake (ft-bmp)	9.15	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.81				
Sample Time: Label	10:15	Volume Purged	1.52 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	9:29						
Purge End	10:19						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:30	0	120	7.65	0.00	4.07	3.33	14.76	8.87	21.1	24.8	Clear	No Odor
9:35	5	130	7.65	0.16	7.66	5.13	10.20	1.58	20.6	17.9	Clear	No Odor
9:40	5	130	8.24	0.33	7.64	5.05	7.38	1.36	20.5	13.2	Clear	No Odor
9:45	5	130	8.24	0.50	7.60	4.97	3.72	1.31	20.4	17.2	Clear	No Odor
9:50	5	130	8.24	0.67	7.52	4.90	2.51	1.29	20.4	20.2	Clear	No Odor
9:55	5	130	7.90	0.84	7.45	4.84	0.92	1.32	20.4	31.3	Clear	No Odor
10:00	5	130	7.90	1.01	7.42	4.80	0.02	1.34	20.3	43.6	Clear	No Odor
10:05	5	130	7.90	1.18	7.37	4.77	0.02	1.37	20.3	52.0	Clear	No Odor
10:10	5	130	7.90	1.35	7.33	4.74	0.02	1.36	20.3	54.6	Clear	No Odor
10:15	5	130	7.90	1.52	7.30	4.73	0.02	1.34	20.3	53.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Lock is rusted out due to standing water in well

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-73D			Date	8-16-21
Project Name/Location	Ford LTP			Weather	69.1 degrees F and Cloudy. The wind is blowing NE at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	13.5-18.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.60	Total Depth (ft-bmp)	17.40	Water Column (ft.)	11.80	Gallons in Well	1.92
		Pump Intake (ft-bmp)	16.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.86				
Sample Time: Label	12:41	Volume Purged	1.65 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	11:43						
Purge End	12:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:45	0	110	5.60	0.00	7.36	5.56	4.73	9.05	19.0	-147.6	Clear	No Odor
11:50	5	110	5.60	0.15	7.38	4.64	7.20	7.33	19.9	-150.3	Clear	No Odor
11:55	5	110	5.90	0.30	7.39	4.37	6.92	7.14	19.6	-148.4	Clear	No Odor
12:00	5	110	6.20	0.45	7.42	4.15	3.84	6.88	19.8	-147.0	Clear	No Odor
12:05	5	110	6.20	0.60	7.42	4.11	0.02	6.22	19.6	-145.5	Clear	No Odor
12:10	5	110	6.00	0.75	7.42	4.22	0.02	6.13	19.4	-144.3	Clear	No Odor
12:15	5	110	6.00	0.90	7.41	4.41	0.92	5.86	19.4	-142.9	Clear	No Odor
12:20	5	110	6.00	1.05	7.41	4.77	0.02	5.75	19.3	-141.3	Clear	No Odor
12:25	5	110	6.00	1.20	7.40	4.84	0.02	5.59	19.4	-140.6	Clear	No Odor
12:30	5	110	6.00	1.35	7.39	5.09	0.02	5.36	19.4	-139.7	Clear	No Odor
12:35	5	110	5.90	1.50	7.39	5.10	0.02	5.25	19.3	-139.3	Clear	No Odor
12:40	5	110	5.90	1.65	7.39	5.15	0.02	5.20	19.3	-139.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-73SR			Date	8-16-21
Project Name/Location	Ford LTP			Weather	68.0 degrees F and Cloudy. The wind is blowing N/NE at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.70	Total Depth (ft-bmp)	12.40	Water Column (ft.)	6.70	Gallons in Well	1.09
		Pump Intake (ft-bmp)	7.20	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.10				
Sample Time: Label	11:25	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	10:44						
Purge End	11:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:45	0	110	5.70	0.00	6.78	5.99	14.96	1.08	21.9	-55.4	Clear	No Odor
10:50	5	110	5.70	0.15	6.77	5.99	12.41	1.09	22.0	-52.7	Clear	No Odor
10:55	5	110	6.40	0.30	6.72	6.06	8.50	1.12	21.9	-32.7	Clear	No Odor
11:00	5	110	6.40	0.45	6.72	6.12	5.72	0.97	21.7	-28.1	Clear	No Odor
11:05	5	110	6.40	0.60	6.75	6.25	2.71	0.70	21.7	-21.7	Clear	No Odor
11:10	5	110	6.10	0.75	6.76	6.54	1.73	0.81	21.7	-18.3	Clear	No Odor
11:15	5	110	6.00	0.90	6.78	6.66	1.06	0.63	21.7	-20.8	Clear	No Odor
11:20	5	110	6.00	1.05	6.79	6.72	0.80	0.60	21.6	-25.2	Clear	No Odor
11:25	5	110	6.00	1.20	6.81	6.83	0.02	0.60	21.5	-30.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-74			Date	8-16-21
Project Name/Location	Ford LTP			Weather	64.0 degrees F and Overcast.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.39	Total Depth (ft-bmp)	18.78	Water Column (ft.)	12.39	Gallons in Well	2.01
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.58				
Sample Time: Label	9:30	Volume Purged	1.17 gallons	Replicate/Code No.	MW-74-MS_081621, MW-74-MSD_081621	Sampled by	Seth Turner
Purge Start	8:30						
Purge End	9:35						

ST

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:35	0	100	6.39	0.00	7.25	10.51	56.50	0.81	18.4	-115.5	Clear	No Odor
8:40	5	100	6.39	0.13	7.26	10.24	30.20	0.62	18.3	-117.5	Clear	No Odor
8:45	5	100	6.39	0.26	7.27	9.69	19.60	0.49	18.3	-120.0	Clear	No Odor
8:50	5	100	6.39	0.39	7.28	8.66	6.51	0.22	18.2	-125.3	Clear	No Odor
8:55	5	100	6.39	0.52	7.23	8.76	4.69	0.21	18.2	-125.4	Clear	No Odor
9:00	5	100	6.39	0.65	7.28	9.04	4.13	0.18	18.1	-125.4	Clear	No Odor
9:05	5	100	6.39	0.65	7.27	9.42	3.37	0.14	18.0	-124.9	Clear	No Odor
9:10	5	100	6.39	0.78	7.57	9.65	1.97	0.13	17.9	-124.2	Clear	No Odor
9:15	5	100	6.39	0.91	7.27	9.97	0.02	0.11	17.8	-123.2	Clear	No Odor
9:20	5	100	6.39	1.04	7.27	10.02	0.02	0.10	17.8	-123.0	Clear	No Odor
9:25	5	100	6.39	1.17	7.27	10.08	0.02	0.08	17.8	-122.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-74S			Date	8-16-21
Project Name/Location	Ford LTP			Weather	70.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.42	Total Depth (ft-bmp)	12.79	Water Column (ft.)	6.37	Gallons in Well	1.04
		Pump Intake (ft-bmp)	7.92	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.75				
Sample Time: Label	10:40	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	10:00						ST
Purge End	10:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:05	0	100	6.42	0.00	6.87	10.22	1.36	1.55	20.1	-59.7	Clear	No Odor
10:10	5	100	6.42	0.13	6.88	10.48	0.98	0.38	20.1	-60.8	Clear	No Odor
10:15	5	100	6.42	0.26	6.88	10.28	0.02	0.30	20.2	-60.2	Clear	No Odor
10:20	5	100	6.42	0.39	6.88	10.16	0.02	0.25	20.2	-59.5	Clear	No Odor
10:25	5	100	6.42	0.52	6.88	9.98	0.02	0.20	20.2	-58.7	Clear	No Odor
10:30	5	100	6.42	0.65	6.87	9.80	0.02	0.13	20.2	-58.3	Clear	No Odor
10:35	5	100	6.42	0.78	6.87	9.80	0.02	0.12	20.3	-58.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-75D			Date	8-16-21
Project Name/Location	Ford LTP			Weather	70.0 degrees F and Overcast.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.62	Total Depth (ft-bmp)	16.64	Water Column (ft.)	11.02	Gallons in Well	1.79
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.23				
Sample Time: Label	1:35	Volume Purged	2.21 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	12:00						ST
Purge End	13:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:05	0	100	5.62	0.00	7.81	5.99	297.00	0.20	18.4	-163.7	Cloudy, Gray	Faint Odor
12:10	5	100	5.62	0.13	7.83	5.97	290.00	0.13	18.4	-174.6	Cloudy, Gray	Faint Odor
12:15	5	100	5.62	0.26	7.82	5.90	280.00	0.10	18.5	-178.9	Cloudy, Gray	No Odor
12:20	5	100	5.62	0.39	7.83	5.88	289.00	0.06	18.5	-182.6	Cloudy, Gray	Faint Odor
12:25	5	100	5.62	0.52	7.83	5.86	254.00	0.06	18.4	-184.5	Cloudy, Gray	No Odor
12:30	5	100	5.62	0.65	7.83	5.79	241.00	0.03	18.4	-184.6	Cloudy, Gray	Faint Odor
12:35	5	100	5.62	0.78	7.82	5.74	219.00	0.05	18.5	-184.0	Cloudy, Gray	Faint Odor
12:40	5	100	5.62	0.91	7.83	5.77	208.00	0.04	18.5	-185.3	Cloudy, Gray	Faint Odor
12:45	5	100	5.62	1.04	7.82	5.68	207.00	0.04	18.4	-185.7	Cloudy, Gray	Faint Odor
12:50	5	100	5.62	1.17	7.81	5.63	173.00	0.04	18.4	-184.8	Cloudy, Gray	Faint Odor
12:55	5	100	5.62	1.30	7.81	5.57	163.00	0.03	18.4	-184.0	Cloudy, Gray	Faint Odor
13:00	5	100	5.62	1.43	7.81	5.54	147.00	0.04	18.4	-179.8	Cloudy, Gray	Faint Odor
13:05	5	100	5.62	1.56	7.79	5.57	118.00	0.06	18.4	-182.6	Cloudy, Gray	Faint Odor
13:10	5	100	5.62	1.69	7.76	5.60	107.00	0.03	18.5	-183.3	Cloudy	Faint Odor
13:15	5	100	5.62	1.82	7.73	5.58	93.40	0.02	18.4	-182.9	Cloudy	Faint Odor
13:20	5	100	5.62	1.95	7.72	5.56	84.30	0.02	18.4	-182.8	Cloudy	Faint Odor
13:25	5	100	5.62	2.08	7.71	5.53	63.90	0.01	18.4	-183.3	Cloudy	Faint Odor
13:30	5	100	5.62	2.21	7.72	5.52	49.60	0.01	18.4	-183.2	Cloudy	Faint Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-75SR			Date	8-13-21
Project Name/Location	Ford LTP			Weather	73.0 degrees F and Mostly Cloudy. The wind is blowing W/SW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.40	Total Depth (ft-bmp)	12.73	Water Column (ft.)	7.33	Gallons in Well	1.19
		Pump Intake (ft-bmp)	6.90	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.69				
Sample Time: Label	9:20	Volume Purged	2.01 gallons	Replicate/Code No.	DUP-10	Sampled by	Christian Garrido
Purge Start	8:19						
Purge End	9:29						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:20	0	120	5.40	0.00	7.41	0.98	0.02	0.65	22.0	174.2	Clear	Faint Odor
8:25	5	120	5.40	0.16	7.33	0.88	0.02	0.40	21.5	-48.5	Clear	Faint Odor
8:30	5	120	5.40	0.32	7.34	0.87	0.02	0.30	21.4	-86.4	Clear	No Odor
8:35	5	130	5.50	0.48	7.35	0.88	0.02	0.20	21.3	-95.5	Clear	No Odor
8:40	5	130	5.50	0.65	7.37	0.88	0.02	0.16	21.4	-99.1	Clear	No Odor
8:45	5	130	5.50	0.82	7.37	0.89	0.02	0.15	21.3	-99.3	Clear	No Odor
8:50	5	130	5.50	0.99	7.40	0.95	0.02	0.10	21.3	-97.3	Clear	No Odor
8:55	5	130	5.40	1.16	7.45	1.08	0.02	0.03	21.3	-97.7	Clear	No Odor
9:00	5	130	5.40	1.33	7.47	1.18	0.02	0.04	21.3	-98.5	Clear	No Odor
9:05	5	130	5.40	1.50	7.47	1.28	0.02	0.00	21.3	-97.5	Clear	No Odor
9:10	5	130	5.40	1.67	7.47	1.36	0.02	0.00	21.4	-96.0	Clear	No Odor
9:15	5	130	5.40	1.84	7.46	1.43	0.02	0.00	21.4	-96.0	Clear	No Odor
9:20	5	130	5.40	2.01	7.46	1.49	0.02	0.00	21.3	-95.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-76			Date	8-13-21
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Mostly Cloudy. The wind is blowing SW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.60	Total Depth (ft-bmp)	19.65	Water Column (ft.)	10.05	Gallons in Well	1.63
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.63				
Sample Time: Label	13:15	Volume Purged	1.02 gallons	Replicate/Code No.	MW-76-MS_081321, MW-76-MSD_081321	Sampled by	Christian Garrido
Purge Start	12:42						
Purge End	13:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:45	0	130	9.60	0.00	8.03	10.50	6.38	3.41	18.9	90.7	Clear	No Odor
12:50	5	130	9.60	0.17	7.36	10.30	4.72	0.18	18.6	-57.3	Clear	No Odor
12:55	5	130	9.92	0.34	7.33	9.97	3.10	0.07	18.7	-48.0	Clear	No Odor
13:00	5	130	9.92	0.51	7.32	9.71	0.02	0.03	18.7	-47.5	Clear	No Odor
13:05	5	130	9.92	0.68	7.30	9.60	1.04	0.00	18.6	-48.6	Clear	No Odor
13:10	5	130	9.90	0.85	7.30	9.52	0.02	0.00	18.6	-50.0	Clear	No Odor
13:15	5	130	9.90	1.02	7.29	9.46	0.02	0.00	18.6	-50.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-76S			Date	8-19-21
Project Name/Location	Ford LTP			Weather	69.1 degrees F and Fog/Mist. The wind is blowing N at 5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.34	Total Depth (ft-bmp)	14.15	Water Column (ft.)	4.81	Gallons in Well	0.78
		Pump Intake (ft-bmp)	10.84	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.96				
Sample Time: Label	8:00	Volume Purged	1.53 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	7:11						
Purge End	8:06						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
7:15	0	125	9.36	0.00	7.26	4.01	9.15	1.81	20.1	167.7	Clear, Small Orange Particulates	No Odor
7:20	5	125	9.36	0.17	7.31	4.10	5.47	1.46	19.8	183.6	Clear, Small Orange Particulates	No Odor
7:25	5	125	9.36	0.34	7.34	4.11	5.05	1.34	19.7	191.1	Clear, Small Orange Particulates	No Odor
7:30	5	125	9.36	0.51	7.30	4.63	3.45	1.30	19.6	203.6	Clear	No Odor
7:35	5	125	9.36	0.68	7.20	6.18	3.66	0.80	19.6	102.1	Clear	No Odor
7:40	5	125	9.36	0.85	7.21	6.40	2.94	0.80	19.7	28.1	Clear	No Odor
7:45	5	125	9.36	1.02	6.47	6.41	2.53	0.80	19.7	2.2	Clear	No Odor
7:50	5	125	9.36	1.19	7.22	6.52	2.23	0.78	19.7	-8.0	Clear	No Odor
7:55	5	125	9.36	1.36	7.22	6.60	2.37	0.82	19.6	-14.3	Clear	No Odor
8:00	5	125	9.36	1.53	7.22	6.64	1.94	0.77	19.6	-16.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-77			Date	8-19-21
Project Name/Location	Ford LTP			Weather	86.0 degrees F and Partly Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.53	Total Depth (ft-bmp)	13.70	Water Column (ft.)	9.17	Gallons in Well	1.49
		Pump Intake (ft-bmp)	11.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.91				
Sample Time: Label	13:21	Volume Purged	1.36 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:38						
Purge End	13:28						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:40	0	125	4.55	0.00	7.30	2.49	4.91	1.25	19.7	35.8	Clear	No Odor
12:45	5	125	4.55	0.17	7.33	2.45	3.32	0.62	20.2	-26.5	Clear	No Odor
12:50	5	125	4.55	0.34	7.34	2.35	2.39	0.43	19.1	-42.0	Clear	No Odor
12:55	5	125	4.55	0.51	7.38	2.23	1.34	0.61	19.2	-58.4	Clear	No Odor
13:00	5	125	4.55	0.68	7.39	2.17	0.86	0.57	19.3	-66.7	Clear	No Odor
13:05	5	125	4.55	0.85	7.40	2.12	0.72	0.54	19.1	-73.5	Clear	No Odor
13:10	5	125	4.55	1.02	7.40	2.08	0.59	0.52	19.3	-79.8	Clear	No Odor
13:15	5	125	4.55	1.19	7.41	2.06	0.74	0.53	19.5	-83.6	Clear	No Odor
13:20	5	125	4.55	1.36	7.42	2.05	0.66	0.52	19.5	-85.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-77S			Date	8-19-21
Project Name/Location	Ford LTP			Weather	84.9 degrees F and Partly Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.45	Total Depth (ft-bmp)	12.15	Water Column (ft.)	7.70	Gallons in Well	1.25
		Pump Intake (ft-bmp)	5.95	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.63				
Sample Time: Label	12:16	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:13						
Purge End	12:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:15	0	125	4.45	0.00	7.35	0.76	1.51	0.87	21.3	63.5	Clear	No Odor
11:20	5	125	4.45	0.17	7.51	0.79	1.47	0.60	21.1	57.8	Clear	No Odor
11:25	5	125	4.45	0.34	7.57	0.81	2.11	0.67	21.1	54.9	Clear	No Odor
11:30	5	125	4.45	0.51	7.57	0.82	1.38	0.69	21.0	53.4	Clear	No Odor
11:35	5	125	4.45	0.68	7.56	0.83	0.65	0.66	21.2	52.1	Clear	No Odor
11:40	5	125	4.45	0.85	7.55	0.85	1.34	0.89	21.0	51.0	Clear	No Odor
11:45	5	125	4.45	1.02	7.54	0.88	1.29	0.87	20.6	50.2	Clear	No Odor
11:50	5	125	4.45	1.19	7.53	0.90	2.99	0.87	20.9	47.3	Clear	No Odor
11:55	5	125	4.45	1.36	7.52	0.93	1.48	0.89	20.9	46.9	Clear	No Odor
12:00	5	125	4.45	1.53	7.51	0.95	0.61	0.87	20.7	44.8	Clear	No Odor
12:05	5	125	4.45	1.70	7.51	0.97	0.88	0.87	20.7	42.6	Clear	No Odor
12:10	5	125	4.45	1.87	7.49	1.02	0.61	0.85	20.8	40.8	Clear	No Odor
12:15	5	125	4.45	2.04	7.50	1.01	0.80	0.87	20.9	38.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-78			Date	8-20-21
Project Name/Location	Ford LTP			Weather	69.1 degrees F and Fog/Mist. The wind is blowing north at 2.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.20	Total Depth (ft-bmp)	11.75	Water Column (ft.)	9.55	Gallons in Well	1.55
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.62				
Sample Time: Label	8:51	Volume Purged	0.96 gallons	Replicate/Code No.	MW-78-MS_082021, MW-78-MSD_082021	Sampled by	Christian Garrido
Purge Start	8:19						
Purge End	9:02						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:20	0	120	2.20	0.00	7.38	4.28	4.21	7.35	20.6	-140.2	Clear, Small Orange Particulates	No Odor
8:25	5	120	2.20	0.16	7.49	3.43	12.00	0.35	18.6	-124.5	Clear, Small Orange Particulates	No Odor
8:30	5	120	2.80	0.32	7.51	3.14	7.25	0.15	18.4	-127.3	Clear, Small Orange Particulates	No Odor
8:35	5	120	2.80	0.48	7.51	2.94	4.84	0.09	18.5	-128.3	Clear, Small Orange Particulates	No Odor
8:40	5	120	2.80	0.64	7.52	2.81	4.88	0.06	18.4	-123.5	Clear, Small Orange Particulates	No Odor
8:45	5	120	2.64	0.80	7.52	2.79	3.90	0.03	18.4	-128.1	Clear	No Odor
8:50	5	120	2.61	0.96	7.52	2.75	3.17	0.02	18.3	-128.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-78S			Date	8-20-21
Project Name/Location	Ford LTP			Weather	71.1 degrees F and Haze. The wind is blowing north at 2.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.45	Total Depth (ft-bmp)	12.30	Water Column (ft.)	9.85	Gallons in Well	1.60
		Pump Intake (ft-bmp)	3.95	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.13				
Sample Time: Label	10:15	Volume Purged	1.8 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	9:13						
Purge End	10:22						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:15	0	110	2.45	0.00	7.47	0.60	2.44	0.55	20.7	6.6	Clear, Small Black Particulates	No Odor
9:20	5	110	2.45	0.15	7.46	0.58	0.02	0.22	20.4	-0.4	Clear, Small Black Particulates	No Odor
9:25	5	110	2.88	0.30	7.46	0.59	0.02	0.07	20.1	-5.8	Clear	No Odor
9:30	5	110	2.90	0.45	7.45	0.62	0.02	0.02	19.9	-11.0	Clear, Small Black Particulates	No Odor
9:35	5	110	2.90	0.60	7.54	0.85	0.02	0.00	19.8	-47.1	Clear, Small Black Particulates	No Odor
9:40	5	110	2.90	0.75	7.55	0.86	0.02	0.00	19.9	-62.3	Clear, Small Black Particulates	No Odor
9:45	5	110	2.70	0.90	7.54	0.95	0.02	0.00	19.8	-70.2	Clear	No Odor
9:50	5	110	2.70	1.05	7.53	0.97	0.02	0.00	19.9	-74.3	Clear	No Odor
9:55	5	110	2.70	1.20	7.52	1.01	0.02	0.00	19.9	-77.5	Clear	No Odor
10:00	5	110	2.70	1.35	7.52	1.12	0.02	0.00	19.8	-84.7	Clear	No Odor
10:05	5	110	2.60	1.50	7.51	1.19	0.02	0.00	19.8	-86.4	Clear	No Odor
10:10	5	110	2.60	1.65	7.51	1.27	0.02	0.00	19.7	-89.2	Clear	No Odor
10:15	5	110	2.60	1.80	7.51	1.31	0.02	0.00	19.7	-92.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-79D			Date	8-10-21
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Cloudy. The wind is blowing SW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.11	Total Depth (ft-bmp)	14.63	Water Column (ft.)	9.52	Gallons in Well	1.55
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.77				
Sample Time: Label	10:05	Volume Purged	1.19 gallons	Replicate/Code No.	DUP-13	Sampled by	Andrew Banitt
Purge Start	9:26						
Purge End	10:17						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:27	0	130	5.12	0.00	6.54	4.08	0.02	1.62	17.3	107.3	Clear	No Odor
9:32	5	130	5.12	0.17	6.84	4.07	0.02	0.31	16.9	31.0	Clear	No Odor
9:37	5	130	5.12	0.34	6.87	4.00	0.02	0.16	16.9	7.6	Clear	No Odor
9:42	5	130	5.12	0.51	6.89	3.84	0.02	0.11	17.0	-6.3	Clear	No Odor
9:47	5	130	5.12	0.68	6.90	3.75	0.02	0.07	16.8	-17.3	Clear	No Odor
9:52	5	130	5.12	0.85	6.90	3.69	0.02	0.07	17.0	-24.8	Clear	No Odor
9:57	5	130	5.12	1.02	6.91	3.64	0.02	0.04	16.8	-30.1	Clear	No Odor
10:02	5	130	5.12	1.19	6.92	3.60	0.02	0.04	16.9	-34.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-79SR			Date	8-10-21
Project Name/Location	Ford LTP			Weather	75.9 degrees F and Cloudy. The wind is blowing SW at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.97	Total Depth (ft-bmp)	12.25	Water Column (ft.)	7.28	Gallons in Well	1.18
		Pump Intake (ft-bmp)	6.47	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.65				
Sample Time: Label	11:33	Volume Purged	1.95 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:35						
Purge End	11:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:36	0	140	4.99	0.00	6.87	0.84	2.50	1.13	19.0	139.8	Clear	No Odor
10:41	5	140	4.99	0.18	7.00	1.02	0.02	0.28	18.2	80.4	Clear	No Odor
10:46	5	140	4.99	0.36	7.00	1.35	0.02	0.17	18.1	49.5	Clear	No Odor
10:51	5	140	4.99	0.54	6.99	1.65	0.02	0.09	18.0	28.4	Clear	No Odor
10:56	5	140	4.99	0.72	6.99	1.80	0.02	0.09	18.0	15.8	Clear	No Odor
11:01	5	140	4.99	0.90	6.98	1.90	0.02	0.04	18.0	4.0	Clear	No Odor
11:06	5	140	4.99	1.08	6.98	1.97	0.02	0.04	18.0	-9.0	Clear	No Odor
11:11	5	140	4.99	1.26	6.98	2.00	0.02	0.03	18.0	-17.8	Clear	No Odor
11:16	5	125	4.99	1.44	6.99	1.96	1.08	0.06	18.6	-23.4	Clear	No Odor
11:21	5	125	4.99	1.61	6.99	1.91	1.37	0.05	18.6	-26.4	Clear	No Odor
11:26	5	125	4.99	1.78	6.99	1.88	0.02	0.05	18.7	-29.1	Clear	No Odor
11:31	5	125	4.99	1.95	7.00	1.88	0.02	0.06	18.6	-31.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-80SR			Date	8-12-21
Project Name/Location	Ford LTP			Weather	70.0 degrees F and Light Rain and Fog/Mist. The wind is blowing SSW 8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	0.85	Total Depth (ft-bmp)	12.22	Water Column (ft.)	11.37	Gallons in Well	1.85
		Pump Intake (ft-bmp)	2.35	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.83				
Sample Time: Label	10:17	Volume Purged	1.54 gallons	Replicate/Code No.	DUP-07	Sampled by	Andrew Banitt
Purge Start	9:28						
Purge End	10:26						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:29	0	140	0.86	0.00	6.39	1.75	22.20	1.18	21.4	163.8	Clear	No Odor
9:34	5	125	0.87	0.18	6.59	1.74	18.80	0.31	21.4	90.0	Clear	No Odor
9:39	5	125	0.86	0.35	6.64	1.74	14.00	0.17	21.3	65.7	Clear	No Odor
9:44	5	125	0.86	0.52	6.67	1.75	11.50	0.13	21.3	52.7	Clear	No Odor
9:49	5	125	0.87	0.69	6.69	1.75	8.90	0.10	21.3	45.1	Clear	No Odor
9:54	5	125	0.88	0.86	6.70	1.74	4.34	0.07	21.3	38.1	Clear	No Odor
9:59	5	125	0.89	1.03	6.72	1.73	3.89	0.06	21.3	32.9	Clear	No Odor
10:04	5	125	0.89	1.20	6.73	1.72	3.14	0.06	21.2	25.8	Clear	No Odor
10:09	5	125	0.90	1.37	6.74	1.71	2.67	0.04	21.2	20.7	Clear	No Odor
10:14	5	125	0.90	1.54	6.75	1.70	2.59	0.04	21.2	17.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Brewster ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-81			Date	8-18-21
Project Name/Location	Ford LTP			Weather	82.0 degrees F and Mostly Cloudy. The wind is blowing NE at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.58	Total Depth (ft-bmp)	12.66	Water Column (ft.)	6.08	Gallons in Well	0.99
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.07				
Sample Time: Label	15:00	Volume Purged	1.06 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	14:24						
Purge End	15:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:25	0	150	6.84	0.00	7.29	2.08	3.15	0.36	18.9	79.1	Clear, Small Orange Particulates	No Odor
14:30	5	150	6.87	0.20	7.21	2.08	4.02	0.22	18.7	71.7	Clear, Small Black Particulates	No Odor
14:35	5	150	6.92	0.40	7.18	2.07	4.93	0.14	18.9	61.7	Clear, Small Black Particulates	No Odor
14:40	5	150	6.95	0.53	7.18	2.05	4.41	0.11	18.7	54.0	Clear, Small Black Particulates	No Odor
14:45	5	150	6.97	0.66	7.17	2.03	2.49	0.16	18.5	50.0	Clear	No Odor
14:50	5	150	6.99	0.86	7.17	2.02	1.67	0.15	18.8	48.1	Clear	No Odor
14:55	5	150	7.00	1.06	7.19	2.02	1.23	0.17	18.9	44.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-81S			Date	8-18-21
Project Name/Location	Ford LTP			Weather	81.0 degrees F and Mostly Cloudy. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.51	Total Depth (ft-bmp)	12.52	Water Column (ft.)	6.01	Gallons in Well	0.98
		Pump Intake (ft-bmp)	8.01	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.87				
Sample Time: Label	14:10	Volume Purged	0.85 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:35						
Purge End	14:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:40	0	100	6.75	0.00	7.18	1.97	6.62	0.48	20.4	58.7	Clear, Small Orange Particulates	No Odor
13:45	5	100	6.79	0.13	7.15	1.89	8.06	0.72	20.2	40.4	Clear, Small Orange Particulates	No Odor
13:50	5	100	6.81	0.33	7.12	1.84	6.70	0.93	20.3	36.0	Clear, Small Orange Particulates	No Odor
13:55	5	100	6.82	0.46	7.13	1.83	5.57	0.87	20.4	29.6	Clear	No Odor
14:00	5	100	6.84	0.59	7.12	1.85	4.47	0.79	20.2	27.6	Clear	No Odor
14:05	5	100	6.85	0.72	7.13	1.86	4.74	0.84	20.6	27.0	Clear	No Odor
14:10	5	100	6.85	0.85	7.10	1.85	2.65	0.78	20.0	29.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-82D			Date	8-18-21
Project Name/Location	Ford LTP			Weather	72.0 degrees F and Fog/Mist. The wind is blowing N/NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	18-23	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.35	Total Depth (ft-bmp)	22.72	Water Column (ft.)	15.37	Gallons in Well	2.50
		Pump Intake (ft-bmp)	20.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.48				
Sample Time: Label	11:01	Volume Purged	1.19 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:23						
Purge End	11:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:25	0	125	7.38	0.00	7.39	1.54	0.22	1.37	18.7	-98.4	Clear	No Odor
10:30	5	125	7.38	0.17	7.42	1.58	1.06	0.97	19.0	-115.4	Clear	No Odor
10:35	5	125	7.38	0.34	7.44	1.60	1.57	0.90	19.0	-122.4	Clear	No Odor
10:40	5	125	7.38	0.51	7.46	1.63	0.02	0.82	19.1	-127.0	Clear	No Odor
10:45	5	125	7.38	0.68	7.47	1.63	0.33	0.78	19.2	-131.0	Clear	No Odor
10:50	5	125	7.38	0.85	7.47	1.65	0.05	0.75	19.0	-132.0	Clear	No Odor
10:55	5	125	7.38	1.02	7.48	1.66	0.40	0.70	19.2	-135.8	Clear	No Odor
11:00	5	125	7.38	1.19	7.46	1.64	0.15	0.70	19.1	-136.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-82SR			Date	8-18-21
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Haze. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.22	Total Depth (ft-bmp)	16.10	Water Column (ft.)	8.88	Gallons in Well	1.44
		Pump Intake (ft-bmp)	8.72	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.71				
Sample Time: Label	12:06	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:33						
Purge End	12:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:35	0	125	7.40	0.00	7.09	1.37	1.40	1.01	20.7	46.0	Clear	No Odor
11:40	5	125	7.45	0.17	7.02	1.38	1.89	0.91	20.6	45.8	Clear	No Odor
11:45	5	125	7.45	0.34	7.03	1.40	1.65	0.80	20.7	46.0	Clear	No Odor
11:50	5	125	7.48	0.51	7.04	1.42	1.56	2.23	20.5	47.3	Clear	No Odor
11:55	5	125	7.48	0.68	7.04	1.43	1.27	2.89	20.8	46.9	Clear	No Odor
12:00	5	125	7.48	0.85	7.04	1.44	1.03	2.93	20.4	47.7	Clear	No Odor
12:05	5	125	7.48	1.02	7.04	1.44	0.96	2.86	20.6	48.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-83			Date	8-13-21
Project Name/Location	Ford LTP			Weather	83.0 degrees F and Overcast.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.60	Total Depth (ft-bmp)	12.41	Water Column (ft.)	5.81	Gallons in Well	0.94
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.83				
Sample Time: Label	11:50	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	11:10						ST
Purge End	11:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:15	0	100	6.61	0.00	7.18	1.64	4.83	0.25	17.7	15.6	Clear	No Odor
11:20	5	100	6.61	0.13	7.18	1.65	0.85	0.10	17.6	18.7	Clear	No Odor
11:25	5	100	6.61	0.26	7.21	1.66	0.02	0.15	17.6	17.6	Clear	No Odor
11:30	5	100	6.61	0.39	7.23	1.68	0.02	0.08	17.6	16.8	Clear	No Odor
11:35	5	100	6.61	0.52	7.22	1.70	0.02	0.07	17.5	14.5	Clear	No Odor
11:40	5	100	6.61	0.65	7.21	1.70	0.02	0.06	17.5	12.8	Clear	No Odor
11:45	5	100	6.61	0.78	7.21	1.70	0.02	0.06	17.5	10.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-83S			Date	8-13-21
Project Name/Location	Ford LTP			Weather	80.0 degrees F and Overcast.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.71	Total Depth (ft-bmp)	12.79	Water Column (ft.)	6.08	Gallons in Well	0.99
		Pump Intake (ft-bmp)	8.21	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.53				
Sample Time: Label	10:55	Volume Purged	0.52 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	10:10						ST
Purge End	11:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	100	6.71	0.00	7.40	1.52	6.07	0.83	18.5	79.6	Clear	No Odor
10:20	5	100	6.71	0.13	7.15	1.51	5.91	0.65	18.5	78.7	Clear	No Odor
10:25	5	100	6.71	0.26	7.12	1.52	3.55	0.56	18.7	68.5	Clear	No Odor
10:30	5	100	6.71	0.39	7.11	1.53	2.67	0.46	18.7	58.3	Clear	No Odor
10:35	5	100	6.71	0.13	7.14	1.54	1.60	0.31	18.5	40.9	Clear	No Odor
10:40	5	100	6.71	0.26	7.19	1.59	0.02	0.22	18.4	15.9	Clear	No Odor
10:45	5	100	6.71	0.39	7.20	1.61	0.02	0.16	18.1	10.9	Clear	No Odor
10:50	5	100	6.71	0.52	7.20	1.62	0.02	0.14	18.1	7.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-84			Date	8-5-21
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Partly Cloudy. The wind is blowing at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.70	Total Depth (ft-bmp)	12.55	Water Column (ft.)	8.85	Gallons in Well	1.44
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.67				
Sample Time: Label	13:50	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	12:48						
Purge End	13:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:50	0	150	3.71	0.00	7.35	3.80	4.27	0.47	19.0	-79.4	Clear, Small Orange Particulates	No Odor
12:55	5	150	3.71	0.20	7.37	3.79	11.70	0.35	19.7	-92.7	Clear, Small Orange Particulates	No Odor
13:00	5	150	3.71	0.40	7.42	2.78	6.39	0.46	20.1	-101.0	Clear, Small Orange Particulates	No Odor
13:05	5	150	3.71	0.60	7.37	2.55	18.40	0.38	19.0	-96.2	Clear, Small Orange Particulates	No Odor
13:10	5	150	3.71	0.80	7.36	2.55	6.73	0.44	19.3	-91.6	Clear, Small White Particulates	No Odor
13:15	5	150	3.71	1.00	7.36	2.76	9.56	0.32	18.9	-93.4	Clear, Small White Particulates	No Odor
13:20	5	150	3.71	1.20	7.39	2.77	13.40	0.46	19.1	-94.8	Clear, Small White Particulates	No Odor
13:25	5	150	3.71	1.40	7.37	2.72	5.33	0.39	19.4	-94.2	Clear, Small White Particulates	No Odor
13:30	5	150	3.71	1.60	7.36	2.79	4.86	0.46	18.8	-94.2	Clear, Small White Particulates	No Odor
13:35	5	150	3.71	1.80	7.42	2.69	7.37	0.37	19.6	-98.7	Clear, Small White Particulates	No Odor
13:40	5	150	3.71	2.00	7.35	2.84	11.30	0.30	18.6	-93.9	Clear, Small White Particulates	No Odor
13:45	5	150	3.71	2.20	7.35	2.86	3.14	0.35	18.7	-96.4	Clear	No Odor
13:50	5	150	3.71	2.40	7.36	2.85	8.95	0.49	18.6	-98.6	Clear, Small White Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-84S			Date	8-5-21
Project Name/Location	Ford LTP			Weather	80.1 degrees F and Partly Cloudy. The wind is blowing at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.86	Total Depth (ft-bmp)	12.68	Water Column (ft.)	8.82	Gallons in Well	1.43
		Pump Intake (ft-bmp)	5.36	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.68				
Sample Time: Label	15:15	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	14:11						
Purge End	15:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:15	0	150	3.88	0.00	7.95	0.37	4.64	4.76	21.1	25.2	Clear, Small Orange Particulates	No Odor
14:20	5	150	3.88	0.20	7.74	0.42	4.97	3.91	20.9	51.2	Clear, Small Orange Particulates	No Odor
14:25	5	150	3.88	0.40	7.54	0.54	4.77	2.54	20.6	46.2	Clear, Small Orange Particulates	No Odor
14:30	5	150	3.88	0.60	7.47	0.76	3.50	2.03	20.5	18.2	Clear, Small Orange Particulates	No Odor
14:35	5	150	3.88	0.80	7.41	0.89	3.24	1.51	20.5	16.7	Clear	No Odor
14:40	5	150	3.88	1.00	7.54	0.82	3.00	2.27	21.1	12.4	Clear	No Odor
14:45	5	150	3.88	1.20	7.38	1.01	2.55	1.26	20.5	9.7	Clear	No Odor
14:50	5	150	3.88	1.40	7.37	1.09	1.50	1.25	20.5	-2.9	Clear	No Odor
14:55	5	150	3.88	1.60	7.36	1.15	1.45	1.15	20.1	-15.5	Clear	No Odor
15:00	5	150	3.88	1.80	7.37	1.23	2.47	1.06	20.2	-31.4	Clear	No Odor
15:05	5	150	3.88	2.00	7.34	1.28	1.66	0.99	19.8	-42.7	Clear	No Odor
15:10	5	150	3.88	2.20	7.34	1.30	1.41	0.96	19.7	-45.3	Clear	No Odor
15:15	5	150	3.88	2.40	7.33	1.37	0.93	0.97	19.7	-51.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-85			Date	8-11-21
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Cloudy. The wind is blowing S/SW at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.78	Total Depth (ft-bmp)	12.68	Water Column (ft.)	6.90	Gallons in Well	1.12
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.43				
Sample Time: Label	13:10	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	12:28						
Purge End	13:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:30	0	150	5.81	0.00	7.20	3.52	1.99	0.74	20.9	-113.2	Clear	Slight Odor
12:35	5	150	5.81	0.20	7.18	3.46	2.73	0.29	20.7	-118.0	Clear	Slight Odor
12:40	5	150	5.81	0.40	7.18	3.31	2.44	0.15	20.7	-118.5	Clear	Slight Odor
12:45	5	150	5.81	0.60	7.18	3.07	4.36	0.14	20.7	-116.4	Clear	Slight Odor
12:50	5	150	5.81	0.80	7.18	2.87	4.04	0.13	20.7	-114.3	Clear	Slight Odor
12:55	5	150	5.81	1.00	7.17	2.74	1.28	0.11	20.7	-113.7	Clear	Slight Odor
13:00	5	150	5.81	1.20	7.16	2.65	2.83	0.10	20.7	-113.8	Clear	Slight Odor
13:05	5	150	5.81	1.40	7.16	2.62	2.59	0.09	20.7	-113.8	Clear	Faint Odor
13:10	5	150	5.81	1.60	7.16	2.60	2.44	0.09	20.9	-114.1	Clear	Faint Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-85SR			Date	8-11-21
Project Name/Location	Ford LTP			Weather	75.0 degrees F and Cloudy. The wind is blowing S/SW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.85	Total Depth (ft-bmp)	8.44	Water Column (ft.)	2.59	Gallons in Well	0.42
		Pump Intake (ft-bmp)	7.35	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.64				
Sample Time: Label	12:05	Volume Purged	2.37 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	11:04						
Purge End	12:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	125	5.87	0.00	7.07	1.84	73.70	1.96	22.6	-64.7	Clear, Small Orange Particulates	No Odor
11:10	5	150	5.87	0.17	7.02	1.91	92.30	1.15	22.4	-91.7	Clear, Small Orange Particulates	No Odor
11:15	5	150	5.87	0.37	7.03	1.97	39.60	1.02	22.2	-96.6	Clear, Small Orange Particulates	No Odor
11:20	5	150	5.87	0.57	7.04	2.11	36.40	0.67	22.2	-94.9	Clear, Small Orange Particulates	No Odor
11:25	5	150	5.87	0.77	7.03	2.19	28.50	0.71	22.2	-94.1	Clear, Small Orange Particulates	No Odor
11:30	5	150	5.87	0.97	7.03	2.32	26.90	0.77	22.2	-92.5	Clear, Small Orange Particulates	No Odor
11:35	5	150	5.87	1.17	7.02	2.41	23.10	0.98	22.2	-91.0	Clear, Small Orange Particulates	No Odor
11:40	5	150	5.87	1.37	7.02	2.49	17.20	0.98	22.3	-90.3	Clear, Small Orange Particulates	No Odor
11:45	5	150	5.87	1.57	7.02	2.56	17.40	0.67	22.3	-90.1	Clear, Small Orange Particulates	No Odor
11:50	5	150	5.87	1.77	7.02	2.63	13.20	0.70	22.3	-89.7	Clear, Small Orange Particulates	No Odor
11:55	5	150	5.87	1.97	7.02	2.66	13.00	0.36	22.3	-89.9	Clear, Small Orange Particulates	No Odor
12:00	5	150	5.87	2.17	7.02	2.68	11.20	0.22	22.3	-89.9	Clear, Small Orange Particulates	No Odor
12:05	5	150	5.87	2.37	7.02	2.69	8.21	0.22	22.4	-89.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-86			Date	8-3-21
Project Name/Location	Ford LTP			Weather	77.0 degrees F and Cloudy. The wind is blowing W at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.25	Total Depth (ft-bmp)	16.60	Water Column (ft.)	10.35	Gallons in Well	1.68
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.11				
Sample Time: Label	16:41	Volume Purged	1.87 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	15:43						
Purge End	16:47						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:44	0	130	6.27	0.00	7.13	1.33	4.52	1.46	16.8	167.2	Clear	No Odor
15:49	5	125	6.27	0.17	7.27	1.13	10.90	0.28	16.2	119.1	Clear	No Odor
15:54	5	125	6.26	0.34	7.36	0.77	4.50	0.27	16.1	99.3	Clear	No Odor
15:59	5	125	6.27	0.51	7.40	0.67	2.95	0.62	16.0	88.8	Clear	No Odor
16:04	5	125	6.27	0.68	7.43	0.63	2.95	0.71	16.0	80.6	Clear	No Odor
16:09	5	125	6.27	0.85	7.46	0.61	4.53	0.60	16.0	73.0	Clear	No Odor
16:14	5	125	6.27	1.02	7.46	0.61	3.07	0.56	15.8	63.3	Clear	No Odor
16:19	5	125	6.27	1.19	7.46	0.61	1.64	0.61	15.8	57.4	Clear	No Odor
16:24	5	125	6.27	1.36	7.46	0.62	1.61	0.67	15.8	49.8	Clear	No Odor
16:29	5	125	6.27	1.53	7.47	0.63	3.25	0.75	15.9	45.7	Clear	No Odor
16:34	5	125	6.27	1.70	7.47	0.63	2.80	0.77	15.7	41.3	Clear	No Odor
16:39	5	125	6.27	1.87	7.47	0.63	0.64	0.82	15.8	37.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Wadsworth ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-86S			Date	8-3-21
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Mostly Cloudy. The wind is blowing W/SW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.41	Total Depth (ft-bmp)	12.31	Water Column (ft.)	5.90	Gallons in Well	0.96
		Pump Intake (ft-bmp)	7.91	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.49				
Sample Time: Label	15:12	Volume Purged	1.43 gallons	Replicate/Code No.	MW-86S-MS_080321, MW-86S-MSD_080321	Sampled by	Andrew Banitt
Purge Start	14:29						
Purge End	15:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:30	0	150	6.43	0.00	7.13	0.33	0.02	6.44	20.0	192.9	Clear	No Odor
14:35	5	150	6.44	0.20	7.39	0.32	0.02	5.39	19.3	167.6	Clear	No Odor
14:40	5	140	6.44	0.40	7.45	0.32	0.02	4.88	19.4	158.4	Clear	No Odor
14:45	5	130	6.44	0.58	7.47	0.33	0.02	4.47	19.5	149.6	Clear	No Odor
14:50	5	130	6.44	0.75	7.48	0.33	0.02	4.25	19.3	143.9	Clear	No Odor
14:55	5	130	6.44	0.92	7.48	0.34	0.02	4.23	19.3	139.2	Clear	No Odor
15:00	5	130	6.44	1.09	7.47	0.34	0.02	4.26	18.6	135.9	Clear	No Odor
15:05	5	130	6.44	1.26	7.47	0.34	0.02	4.35	18.6	133.0	Clear	No Odor
15:10	5	130	6.44	1.43	7.49	0.34	0.02	4.04	18.5	130.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Wadsworth ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-87			Date	8-2-21
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Mostly Clear. The wind is blowing NW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.79	Total Depth (ft-bmp)	18.80	Water Column (ft.)	10.01	Gallons in Well	1.63
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.63				
Sample Time: Label	13:46	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:13						
Purge End	13:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:15	0	125	8.80	0.00	7.99	0.27	1.17	6.88	20.8	172.0	Clear	No Odor
13:20	5	125	8.80	0.17	7.98	0.27	0.58	7.76	20.9	175.1	Clear	No Odor
13:25	5	125	8.80	0.34	7.98	0.27	0.02	7.68	20.9	178.2	Clear	No Odor
13:30	5	125	8.80	0.51	7.99	0.27	0.06	7.78	20.9	178.9	Clear	No Odor
13:35	5	125	8.80	0.68	7.98	0.27	0.05	7.67	20.8	179.4	Clear	No Odor
13:40	5	125	8.80	0.85	7.98	0.27	0.60	7.61	20.8	179.6	Clear	No Odor
13:45	5	125	8.80	1.02	7.97	0.27	0.75	7.47	20.9	180.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Standish ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-87S			Date	8-2-21
Project Name/Location	Ford LTP			Weather	75.0 degrees F and Partly Cloudy. The wind is blowing S at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.52	Total Depth (ft-bmp)	14.10	Water Column (ft.)	5.58	Gallons in Well	0.91
		Pump Intake (ft-bmp)	10.02	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.12				
Sample Time: Label	14:46	Volume Purged	1.02 gallons	Replicate/Code No.	MW-87S-MS_080221, MW-87S-MSD_080221	Sampled by	Gary Schafer
Purge Start	14:03						
Purge End	15:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:05	0	125	8.52	0.00	7.83	0.28	1.41	5.69	21.0	187.9	Clear	No Odor
14:10	5	125	8.52	0.17	7.84	0.28	0.02	6.09	21.5	190.1	Clear	No Odor
14:15	5	125	8.53	0.34	7.78	0.28	0.02	7.65	21.4	191.9	Clear	No Odor
14:20	5	125	8.53	0.51	7.78	0.29	0.02	8.48	21.4	192.3	Clear	No Odor
14:25	5	125	8.53	0.68	7.78	0.28	0.04	8.47	21.1	194.6	Clear	No Odor
14:30	5	125	8.54	0.85	7.82	0.28	0.04	8.26	21.1	201.1	Clear	No Odor
14:35	5	125	8.54	1.02	7.81	0.28	0.03	8.30	21.1	201.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Standish ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-96S			Date	8-9-21
Project Name/Location	Ford LTP			Weather	77.0 degrees F and Haze. The wind is blowing at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.50	Total Depth (ft-bmp)	12.09	Water Column (ft.)	6.59	Gallons in Well	1.07
		Pump Intake (ft-bmp)	7.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.95				
Sample Time: Label	9:41	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:08						
Purge End	9:47						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:10	0	125	5.51	0.00	7.39	0.60	5.93	0.98	18.7	61.6	Clear	No Odor
9:15	5	125	5.51	0.17	7.41	0.58	4.67	0.60	18.4	2.1	Clear	No Odor
9:20	5	125	5.51	0.34	7.44	0.58	7.17	0.44	18.4	-18.7	Clear	No Odor
9:25	5	125	5.51	0.51	7.46	0.57	5.33	0.35	18.2	-23.9	Clear	No Odor
9:30	5	125	5.51	0.68	7.45	0.58	4.66	0.33	18.1	-27.3	Clear	No Odor
9:35	5	125	5.51	0.85	7.46	0.58	3.60	0.29	18.1	-29.2	Clear	No Odor
9:40	5	125	5.51	1.02	7.46	0.58	2.69	0.28	18.2	-30.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-97S			Date	8-19-21
Project Name/Location	Ford LTP			Weather	72.0 degrees F and Haze. The wind is blowing N/NW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.27	Total Depth (ft-bmp)	12.00	Water Column (ft.)	7.73	Gallons in Well	1.26
		Pump Intake (ft-bmp)	5.77	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.62				
Sample Time: Label	10:31	Volume Purged	2.04 gallons	Replicate/Code No.	MW-97S-MS_081921, MW-97S-MSD_081921	Sampled by	Gary Schafer
Purge Start	9:27						
Purge End	10:44						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:30	0	125	4.28	0.00	7.21	0.80	21.70	1.08	21.8	140.5	Clear, Small White Particulates	No Odor
9:35	5	125	4.28	0.17	7.27	0.80	10.20	0.43	21.7	107.0	Clear	No Odor
9:40	5	125	4.28	0.34	7.29	0.79	7.12	0.45	21.6	86.6	Clear	No Odor
9:45	5	125	4.28	0.51	7.30	0.78	6.22	0.16	21.5	69.1	Clear	No Odor
9:50	5	125	4.28	0.68	7.32	0.78	4.89	0.33	21.5	55.1	Clear	No Odor
9:55	5	125	4.28	0.85	7.33	0.78	3.51	0.36	21.5	40.3	Clear	No Odor
10:00	5	125	4.28	1.02	7.34	0.78	3.73	0.35	21.5	32.1	Clear	No Odor
10:05	5	125	4.28	1.19	7.35	0.79	3.05	0.33	21.5	22.0	Clear	No Odor
10:10	5	125	4.28	1.36	7.36	0.79	2.99	0.32	21.5	18.9	Clear	No Odor
10:15	5	125	4.28	1.53	7.36	0.80	3.08	0.31	21.5	3.4	Clear	No Odor
10:20	5	125	4.28	1.70	7.37	0.81	2.41	0.30	21.5	-10.5	Clear	No Odor
10:25	5	125	4.28	1.87	7.38	0.81	2.19	0.30	21.5	-18.2	Clear	No Odor
10:30	5	125	4.28	2.04	7.38	0.82	2.13	0.32	21.4	-24.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-98S			Date	8-19-21
Project Name/Location	Ford LTP			Weather	84.0 degrees F and Mostly Cloudy. The wind is blowing at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.74	Total Depth (ft-bmp)	12.10	Water Column (ft.)	10.36	Gallons in Well	1.68
		Pump Intake (ft-bmp)	3.24	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.61				
Sample Time: Label	14:21	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:47						
Purge End	14:28						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:50	0	125	1.78	0.00	7.24	0.61	0.39	0.21	23.8	22.5	Clear	No Odor
13:55	5	125	1.78	0.17	7.25	0.61	0.27	0.17	23.9	6.4	Clear	No Odor
14:00	5	125	1.78	0.34	7.26	0.62	0.11	0.11	23.7	-8.6	Clear	No Odor
14:05	5	125	1.78	0.51	7.26	0.62	0.08	0.12	23.8	-19.6	Clear	No Odor
14:10	5	125	1.78	0.68	7.26	0.62	0.19	0.12	23.9	-22.6	Clear	No Odor
14:15	5	125	1.78	0.85	7.26	0.62	0.10	0.13	23.8	-25.6	Clear	No Odor
14:20	5	125	1.78	1.02	7.26	0.62	0.21	0.13	23.5	-27.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Brewster ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-99S			Date	8-16-21
Project Name/Location	Ford LTP			Weather	70.0 degrees F and Overcast.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.89	Total Depth (ft-bmp)	12.85	Water Column (ft.)	6.96	Gallons in Well	1.13
		Pump Intake (ft-bmp)	7.39	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.69				
Sample Time: Label	11:40	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	11:00						ST
Purge End	11:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	100	5.89	0.00	7.13	2.05	8.70	0.37	20.1	-38.7	Clear	No Odor
11:10	5	100	5.89	0.13	7.23	2.70	5.95	0.22	20.0	-47.3	Clear	No Odor
11:15	5	100	5.89	0.26	7.23	2.76	3.62	0.20	20.1	-47.3	Clear	No Odor
11:20	5	100	5.89	0.39	7.26	2.63	3.67	0.22	20.5	-47.3	Clear	No Odor
11:25	5	100	5.89	0.52	7.26	2.60	2.68	0.23	20.5	-45.1	Clear	No Odor
11:30	5	100	5.89	0.65	7.26	2.63	0.02	0.23	20.5	-43.9	Clear	No Odor
11:35	5	100	5.89	0.78	7.26	2.64	0.02	0.23	20.5	-43.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-100S			Date	8-13-21
Project Name/Location	Ford LTP			Weather	75.0 degrees F and Mostly Cloudy. The wind is blowing W at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.35	Total Depth (ft-bmp)	12.80	Water Column (ft.)	6.45	Gallons in Well	1.05
		Pump Intake (ft-bmp)	7.85	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.71				
Sample Time: Label	10:42	Volume Purged	1.8 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	9:53						
Purge End	10:48						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:55	0	150	6.35	0.00	7.31	5.50	0.02	0.50	21.4	122.0	Clear	No Odor
10:00	5	150	6.35	0.20	7.26	5.51	0.02	0.33	21.0	110.2	Clear	No Odor
10:05	5	150	6.40	0.40	7.26	5.52	0.02	0.31	20.8	100.9	Clear	No Odor
10:10	5	150	6.40	0.60	7.24	5.56	0.02	0.21	20.7	78.9	Clear	No Odor
10:15	5	150	6.40	0.80	7.21	5.67	0.02	0.26	20.7	4.0	Clear	No Odor
10:20	5	150	6.40	1.00	7.20	5.74	0.02	0.22	20.7	-20.9	Clear	No Odor
10:25	5	150	6.40	1.20	7.20	5.60	0.02	0.22	20.8	-27.8	Clear	No Odor
10:30	5	150	6.40	1.40	7.20	5.85	0.02	0.22	20.9	-31.8	Clear	No Odor
10:35	5	150	6.40	1.60	7.20	5.86	0.02	0.22	20.8	-34.7	Clear	No Odor
10:40	5	150	6.40	1.80	7.20	5.90	0.02	0.20	20.9	-36.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-101S			Date	8-13-21
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Mostly Cloudy. The wind is blowing SW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.10	Total Depth (ft-bmp)	14.10	Water Column (ft.)	6.00	Gallons in Well	0.97
		Pump Intake (ft-bmp)	9.60	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.32				
Sample Time: Label	12:06	Volume Purged	1.28 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	11:21						
Purge End	12:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:25	0	120	8.10	0.00	7.59	1.49	0.02	0.45	21.1	92.5	Clear	No Odor
11:30	5	120	8.10	0.16	7.47	1.49	0.02	0.18	20.6	82.3	Clear	No Odor
11:35	5	120	8.40	0.32	7.45	1.49	0.02	0.11	20.4	69.0	Clear	No Odor
11:40	5	120	8.50	0.48	7.44	1.49	0.02	0.07	20.3	13.2	Clear	No Odor
11:45	5	120	8.40	0.64	7.44	1.48	0.02	0.05	20.2	-44.7	Clear	No Odor
11:50	5	120	8.40	0.80	7.44	1.48	0.02	0.04	20.2	-59.0	Clear	No Odor
11:55	5	120	8.40	0.96	7.45	1.48	0.02	0.04	20.2	-67.0	Clear	No Odor
12:00	5	120	8.40	1.12	7.44	1.48	0.02	0.05	20.1	-69.8	Clear	No Odor
12:05	5	120	8.40	1.28	7.45	1.48	0.02	0.04	20.1	-70.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-102			Date	8-18-21
Project Name/Location	Ford LTP			Weather	81.0 degrees F and Mostly Cloudy. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.41	Total Depth (ft-bmp)	14.64	Water Column (ft.)	13.23	Gallons in Well	2.15
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.59				
Sample Time: Label	13:00	Volume Purged	1.26 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	12:24						
Purge End	13:04						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:25	0	160	1.45	0.00	7.37	8.17	4.88	1.38	19.5	-120.3	Clear, Small Orange Particulates	No Odor
12:30	5	160	1.44	0.21	7.27	8.25	2.68	0.19	20.0	-131.1	Clear, Small Orange Particulates	No Odor
12:35	5	160	1.44	0.42	7.27	8.15	9.48	0.12	20.0	-128.4	Clear, Small Orange Particulates	No Odor
12:40	5	160	1.44	0.63	7.28	8.12	1.69	0.10	19.9	-127.4	Clear	No Odor
12:45	5	160	1.44	0.84	7.27	8.06	4.97	0.08	19.9	-126.7	Clear, Small Orange Particulates	No Odor
12:50	5	160	1.44	1.05	7.27	8.02	1.33	0.07	19.7	-126.1	Clear	No Odor
12:55	5	160	1.44	1.26	7.27	8.01	1.92	0.06	19.8	-125.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-102S			Date	8-16-21
Project Name/Location	Ford LTP			Weather	73.0 degrees F and Cloudy. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.41	Total Depth (ft-bmp)	12.34	Water Column (ft.)	10.93	Gallons in Well	1.78
		Pump Intake (ft-bmp)	2.91	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.35				
Sample Time: Label	14:05	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:00						
Purge End	14:08						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:05	0	150	1.42	0.00	7.42	2.27	2.23	0.49	24.6	182.0	Clear	No Odor
13:10	5	150	1.41	0.20	7.43	2.63	1.56	0.14	24.3	181.5	Clear	No Odor
13:15	5	150	1.41	0.40	7.42	2.78	0.68	0.12	24.2	181.6	Clear	No Odor
13:20	5	150	1.42	0.60	7.40	3.03	0.56	0.10	24.1	182.3	Clear	No Odor
13:25	5	150	1.42	0.80	7.39	3.10	0.04	0.10	24.1	181.2	Clear	No Odor
13:30	5	150	1.42	1.00	7.38	3.17	0.02	0.09	24.1	180.1	Clear	No Odor
13:35	5	150	1.42	1.20	7.37	3.25	0.02	0.08	24.0	177.8	Clear	No Odor
13:40	5	150	1.42	1.40	7.36	3.32	0.02	0.08	24.0	173.9	Clear	No Odor
13:45	5	150	1.42	1.60	7.35	3.36	1.20	0.07	23.9	166.0	Clear	No Odor
13:50	5	150	1.42	1.80	7.34	3.39	0.52	0.08	23.9	153.2	Clear	No Odor
13:55	5	150	1.42	2.00	7.34	3.43	0.13	0.07	23.9	135.6	Clear	No Odor
14:00	5	150	1.42	2.20	7.33	3.44	0.16	0.06	23.9	123.5	Clear	No Odor
14:05	5	150	1.42	2.40	7.33	3.45	0.10	0.10	23.9	108.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-105S			Date	8-18-21
Project Name/Location		Ford LTP		Weather	69.1 degrees F and Fog and Fog/Mist. The wind is blowing N/NE at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.90	Total Depth (ft-bmp)	11.75	Water Column (ft.)	8.85	Gallons in Well	1.44
		Pump Intake (ft-bmp)	4.40	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.17				
Sample Time: Label	8:45	Volume Purged	1.68 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	8:00						
Purge End	8:54						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:05	0	160	2.91	0.00	6.81	1.46	14.00	0.35	22.8	91.6	Clear, Small Orange Particulates	No Odor
8:10	5	160	2.91	0.21	6.79	1.47	12.30	0.22	22.5	66.2	Clear, Small Orange Particulates	No Odor
8:15	5	160	2.91	0.42	6.79	1.70	7.12	0.15	22.2	52.0	Clear, Small Orange Particulates	No Odor
8:20	5	160	2.91	0.63	7.07	2.58	5.11	0.13	22.2	20.0	Clear, Small Orange Particulates	No Odor
8:25	5	160	2.91	0.84	7.15	2.65	4.79	0.13	22.3	-56.5	Clear, Small Orange Particulates	No Odor
8:30	5	160	2.91	1.05	7.18	2.67	4.74	0.12	22.3	-70.3	Clear, Small Orange Particulates	No Odor
8:35	5	160	2.91	1.26	7.20	2.71	4.52	0.11	22.3	-79.7	Clear, Small Orange Particulates	No Odor
8:40	5	160	2.91	1.47	7.22	2.70	4.21	0.12	22.4	-83.4	Clear, Small Orange Particulates	No Odor
8:45	5	160	2.91	1.68	7.22	2.69	4.21	0.11	22.5	-85.6	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-106S			Date	8-11-21
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Cloudy. The wind is blowing S/SW at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.20	Total Depth (ft-bmp)	11.60	Water Column (ft.)	8.40	Gallons in Well	1.36
		Pump Intake (ft-bmp)	4.70	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.38				
Sample Time: Label	13:19	Volume Purged	1.88 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	12:21						
Purge End	13:26						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:22	0	140	3.29	0.00	6.86	0.50	71.50	1.76	24.0	137.0	Clear	No Odor
12:27	5	125	3.31	0.18	7.00	0.41	38.70	2.34	23.7	108.4	Clear	No Odor
12:32	5	125	3.32	0.35	7.06	0.39	34.10	1.86	23.7	100.6	Clear	No Odor
12:37	5	125	3.33	0.52	7.09	0.39	32.00	1.71	23.7	95.2	Clear	No Odor
12:42	5	125	3.33	0.69	7.10	0.40	20.90	1.39	23.6	92.1	Clear	No Odor
12:47	5	125	3.34	0.86	7.11	0.41	16.40	1.30	23.6	89.0	Clear	No Odor
12:52	5	125	3.35	1.03	7.09	0.42	9.58	1.04	23.5	86.3	Clear	No Odor
12:57	5	125	3.34	1.20	7.09	0.43	6.58	0.86	23.6	82.2	Clear	No Odor
13:02	5	125	3.34	1.37	7.09	0.44	5.42	0.81	23.6	79.7	Clear	No Odor
13:07	5	125	3.34	1.54	7.08	0.45	3.01	0.77	23.6	77.5	Clear	No Odor
13:12	5	125	3.34	1.71	7.08	0.45	2.80	0.76	23.6	75.7	Clear	No Odor
13:17	5	125	3.34	1.88	7.07	0.46	1.93	0.70	23.7	74.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-107S			Date	8-13-21
Project Name/Location	Ford LTP			Weather	75.0 degrees F and Mostly Cloudy. The wind is blowing W at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.37	Total Depth (ft-bmp)	12.14	Water Column (ft.)	6.77	Gallons in Well	1.10
		Pump Intake (ft-bmp)	6.87	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.29				
Sample Time: Label	10:55	Volume Purged	1.42 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:12						
Purge End	11:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:13	0	150	5.49	0.00	6.89	1.10	13.30	1.09	20.0	141.3	Clear	No Odor
10:18	5	150	5.64	0.20	6.93	1.06	1.42	0.86	20.1	85.9	Clear	No Odor
10:23	5	125	5.72	0.40	7.02	1.05	0.02	0.75	20.2	60.3	Clear	No Odor
10:28	5	125	5.75	0.57	7.08	1.03	0.02	0.44	20.0	42.5	Clear	No Odor
10:33	5	125	5.82	0.74	7.10	1.02	0.02	0.30	19.8	17.0	Clear	No Odor
10:38	5	125	5.81	0.91	7.17	1.01	0.02	0.29	19.7	13.9	Clear	No Odor
10:43	5	125	5.87	1.08	7.17	1.00	0.02	0.24	19.6	-10.0	Clear	No Odor
10:48	5	125	5.84	1.25	7.22	0.99	0.02	0.28	19.7	-10.4	Clear	No Odor
10:53	5	125	5.84	1.42	7.23	0.99	0.02	0.21	19.6	-15.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Capitol ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-108S			Date	8-11-21
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Mostly Cloudy. The wind is blowing S/SW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.20	Total Depth (ft-bmp)	12.22	Water Column (ft.)	8.02	Gallons in Well	1.30
		Pump Intake (ft-bmp)	5.70	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.92				
Sample Time: Label	8:10	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	7:31						
Purge End	8:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
7:35	0	150	4.27	0.00	6.75	1.39	45.10	0.64	22.1	-30.5	Clear, Small Orange Particulates	No Odor
7:40	5	150	4.27	0.20	6.78	1.40	34.90	0.40	21.8	-49.9	Clear, Small Orange Particulates	No Odor
7:45	5	150	4.27	0.40	6.79	1.38	16.50	0.29	21.5	-67.5	Clear, Small Orange Particulates	No Odor
7:50	5	150	4.27	0.60	6.83	1.36	11.00	0.25	21.5	-77.0	Clear, Small Orange Particulates	No Odor
7:55	5	150	4.27	0.80	6.85	1.36	8.82	0.23	21.5	-81.6	Clear, Small Orange Particulates	No Odor
8:00	5	150	4.27	1.00	6.86	1.34	8.19	0.21	21.4	-83.6	Clear, Small Orange Particulates	No Odor
8:05	5	150	4.27	1.20	6.86	1.34	8.48	0.21	21.4	-84.0	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Two broken off bolts stuck in threads, one operating bolt

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-131S			Date	8-18-21
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Haze. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.23	Total Depth (ft-bmp)	12.65	Water Column (ft.)	8.42	Gallons in Well	1.37
		Pump Intake (ft-bmp)	5.73	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.75				
Sample Time: Label	11:55	Volume Purged	2.4 gallons	Replicate/Code No.	DUP-12	Sampled by	Emma Witherspoon
Purge Start	10:53						
Purge End	12:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:55	0	150	4.28	0.00	7.20	0.75	6.07	1.13	22.1	215.8	Clear	No Odor
11:00	5	150	4.26	0.20	7.12	0.82	5.83	0.44	22.0	184.2	Clear	No Odor
11:05	5	150	4.26	0.40	7.07	0.97	4.54	0.28	21.8	154.2	Clear	No Odor
11:10	5	150	4.26	0.60	7.04	1.16	3.06	0.26	21.8	52.7	Clear	No Odor
11:15	5	150	4.26	0.80	6.99	1.61	2.96	0.26	21.7	-6.5	Clear	No Odor
11:20	5	150	4.26	1.00	7.06	2.35	2.53	0.27	21.8	-51.8	Clear	No Odor
11:25	5	150	4.26	1.20	7.07	2.58	3.10	0.23	21.6	-64.0	Clear	No Odor
11:30	5	150	4.26	1.40	7.10	2.80	1.71	0.23	21.5	-73.5	Clear	No Odor
11:35	5	150	4.26	1.60	7.14	2.99	2.81	0.26	21.5	-79.4	Clear	No Odor
11:40	5	150	4.26	1.80	7.17	3.11	1.92	0.25	21.5	-83.5	Clear	No Odor
11:45	5	150	4.26	2.00	7.20	3.20	3.33	0.25	21.5	-88.0	Clear	No Odor
11:50	5	150	4.26	2.20	7.21	3.23	5.02	0.25	21.5	-90.0	Clear	No Odor
11:55	5	150	4.26	2.40	7.20	3.28	3.93	0.22	21.6	-92.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-132S			Date	8-13-21
Project Name/Location	Ford LTP			Weather	80.1 degrees F and Light Rain. The wind is blowing W/SW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.40	Total Depth (ft-bmp)	12.36	Water Column (ft.)	6.96	Gallons in Well	1.13
		Pump Intake (ft-bmp)	6.90	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.12				
Sample Time: Label	14:30	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:28						
Purge End	14:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:30	0	150	5.42	0.00	7.30	2.95	53.50	1.55	23.6	179.6	Cloudy, Small Orange Particulates	No Odor
13:35	5	150	5.42	0.20	7.24	2.92	42.60	1.19	23.6	171.8	Cloudy, Small Orange Particulates	No Odor
13:40	5	150	5.42	0.40	7.25	2.89	20.20	1.09	23.5	163.4	Cloudy, Small Orange Particulates	No Odor
13:45	5	150	5.42	0.60	7.26	2.83	9.97	0.98	23.6	154.4	Cloudy	No Odor
13:50	5	150	5.42	0.80	7.25	2.80	4.99	1.12	23.5	146.8	Clear	No Odor
13:55	5	150	5.42	1.00	7.25	2.75	4.69	1.00	23.4	135.7	Clear	No Odor
14:00	5	150	5.42	1.20	7.25	2.74	2.64	1.09	23.5	125.1	Clear	No Odor
14:05	5	150	5.42	1.40	7.25	2.71	1.95	0.95	23.3	115.1	Clear	No Odor
14:10	5	150	5.42	1.60	7.25	2.68	1.76	0.94	23.1	103.4	Clear	No Odor
14:15	5	150	5.42	1.80	7.26	2.71	1.47	0.92	23.3	96.0	Clear	No Odor
14:20	5	150	5.42	2.00	7.25	2.67	1.39	0.96	23.1	92.6	Clear	No Odor
14:25	5	150	5.42	2.20	7.25	2.63	1.08	0.90	23.1	84.2	Clear	No Odor
14:30	5	150	5.42	2.40	7.25	2.61	1.15	0.89	23.0	75.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Two broken bolts stuck in threads, one functioning bolt

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-133S			Date	8-18-21
Project Name/Location	Ford LTP			Weather	81.0 degrees F and Mostly Cloudy. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.72	Total Depth (ft-bmp)	8.49	Water Column (ft.)	2.77	Gallons in Well	0.45
		Pump Intake (ft-bmp)	7.22	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.78				
Sample Time: Label	14:11	Volume Purged	1.7 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:17						
Purge End	14:16						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	125	5.75	0.00	7.12	0.62	35.30	3.52	20.5	106.0	Brown, Turbid	No Odor
13:25	5	125	5.75	0.17	7.13	0.64	36.30	1.93	20.3	92.5	Brown, Turbid	No Odor
13:30	5	125	5.75	0.34	7.15	0.69	28.80	1.53	20.2	78.3	Turbid	No Odor
13:35	5	125	5.75	0.51	7.16	0.72	19.70	1.46	19.9	65.7	Clear	No Odor
13:40	5	125	5.75	0.68	7.17	0.74	17.00	1.34	19.8	51.3	Clear	No Odor
13:45	5	125	5.75	0.85	7.18	0.75	11.80	1.49	19.8	46.4	Clear	No Odor
13:50	5	125	5.75	1.02	7.19	0.77	7.47	1.02	20.2	40.7	Clear	No Odor
13:55	5	125	5.75	1.19	7.19	0.77	5.03	1.08	20.5	37.3	Clear	No Odor
14:00	5	125	5.75	1.36	7.19	0.78	4.51	1.09	20.5	34.6	Clear	No Odor
14:05	5	125	5.75	1.53	7.19	0.78	3.90	1.06	20.5	33.2	Clear	No Odor
14:10	5	125	5.75	1.70	7.19	0.78	3.39	1.08	19.9	32.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-134S			Date	8-19-21
Project Name/Location	Ford LTP			Weather	72.0 degrees F and Haze. The wind is blowing N/NW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.77	Total Depth (ft-bmp)	9.45	Water Column (ft.)	2.68	Gallons in Well	0.44
		Pump Intake (ft-bmp)	8.27	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.32				
Sample Time: Label	10:50	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	10:17						
Purge End	10:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	130	6.80	0.00	7.37	0.48	0.02	2.07	19.7	109.8	Clear	No Odor
10:25	5	130	6.80	0.17	7.36	0.50	0.02	0.96	19.3	87.7	Clear	No Odor
10:30	5	130	7.10	0.34	7.36	0.50	0.02	0.81	19.3	79.3	Clear	No Odor
10:35	5	130	7.10	0.51	7.36	0.49	0.02	0.78	19.1	73.2	Clear	No Odor
10:40	5	130	7.02	0.68	7.36	0.49	0.02	0.76	19.2	68.8	Clear	No Odor
10:45	5	130	7.02	0.85	7.36	0.49	0.02	0.75	19.1	65.5	Clear	No Odor
10:50	5	130	7.00	1.02	7.36	0.49	0.02	0.72	19.2	63.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-135S			Date	8-19-21
Project Name/Location	Ford LTP			Weather	71.1 degrees F and Haze. The wind is blowing south at 5.3 mph		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.73	Total Depth (ft-bmp)	9.68	Water Column (ft.)	3.95	Gallons in Well	0.64
		Pump Intake (ft-bmp)	7.23	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.88				
Sample Time: Label	9:05	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	8:23						
Purge End	9:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:25	0	110	5.73	0.00	7.95	0.70	18.38	9.85	18.1	137.2	Clear, Small Orange Particulates	No Odor
8:30	5	110	5.73	0.15	7.47	0.61	8.71	1.47	18.0	157.9	Clear	No Odor
8:35	5	110	5.91	0.30	7.25	0.57	5.81	1.19	17.9	151.8	Clear	No Odor
8:40	5	110	5.91	0.45	7.23	0.55	3.09	0.98	17.9	105.3	Clear	No Odor
8:45	5	110	5.80	0.60	7.23	0.53	1.72	0.88	17.7	9.4	Clear	No Odor
8:50	5	110	5.80	0.75	7.26	0.53	0.02	0.78	17.7	-19.7	Clear	No Odor
8:55	5	110	5.80	0.90	7.26	0.53	0.02	0.73	17.7	-32.6	Clear	No Odor
9:00	5	110	5.80	1.05	7.27	0.53	0.02	0.71	17.7	-35.2	Clear	No Odor
9:05	5	110	5.80	1.20	7.28	0.53	0.02	0.70	17.7	-38.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-136S			Date	8-18-21
Project Name/Location	Ford LTP			Weather	69.1 degrees F and Fog and Fog/Mist. The wind is blowing N/NE at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.92	Total Depth (ft-bmp)	7.13	Water Column (ft.)	4.21	Gallons in Well	0.68
		Pump Intake (ft-bmp)	4.42	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.44				
Sample Time: Label	8:55	Volume Purged	0.98 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	8:23						
Purge End	9:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:25	0	130	2.92	0.00	7.28	1.57	55.80	2.35	20.0	185.7	Clear	No Odor
8:30	5	130	2.92	0.17	7.04	1.50	49.90	0.85	19.9	18.9	Clear	No Odor
8:35	5	120	3.20	0.34	7.04	1.48	20.80	0.53	19.8	-31.2	Clear, Small White Particulates	No Odor
8:40	5	120	3.24	0.50	7.06	1.46	15.90	0.37	19.7	-49.1	Clear, Small White Particulates	No Odor
8:45	5	120	3.24	0.66	7.06	1.45	1.93	0.23	19.6	-65.2	Clear, Small White Particulates	No Odor
8:50	5	120	3.04	0.82	7.06	1.45	0.97	0.17	19.6	-70.3	Clear, Small White Particulates	No Odor
8:55	5	120	3.08	0.98	7.06	1.45	0.02	0.16	19.5	-70.1	Clear, Small White Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Capitol ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-137S			Date	8-16-21
Project Name/Location	Ford LTP			Weather	64.9 degrees F and Cloudy. The wind is blowing N/NE at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.39	Total Depth (ft-bmp)	7.00	Water Column (ft.)	4.61	Gallons in Well	0.75
		Pump Intake (ft-bmp)	3.89	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.36				
Sample Time: Label	10:51	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:17						
Purge End	10:58						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	125	2.40	0.00	7.16	1.21	5.98	0.63	19.5	28.9	Clear	No Odor
10:25	5	125	2.40	0.17	7.15	1.25	3.34	0.21	19.4	16.9	Clear	No Odor
10:30	5	125	2.40	0.34	7.16	1.25	2.47	0.13	19.4	6.8	Clear	No Odor
10:35	5	125	2.40	0.51	7.16	1.25	1.50	0.12	19.4	-0.8	Clear	No Odor
10:40	5	125	2.40	0.68	7.16	1.24	0.85	0.11	19.4	-5.6	Clear	No Odor
10:45	5	125	2.40	0.85	7.16	1.26	1.06	0.12	19.4	-10.0	Clear	No Odor
10:50	5	125	2.40	1.02	7.16	1.26	0.58	0.11	19.4	-14.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Water over well casing, bailed out water before opening j- plug

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Brewster ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-138S			Date	8-19-21
Project Name/Location	Ford LTP			Weather	72.0 degrees F and Haze. The wind is blowing N/NW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.18	Total Depth (ft-bmp)	5.96	Water Column (ft.)	4.78	Gallons in Well	0.78
		Pump Intake (ft-bmp)	2.68	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.87				
Sample Time: Label	10:06	Volume Purged	1.46 gallons	Replicate/Code No.	DUP-11	Sampled by	Andrew Banitt
Purge Start	9:23						
Purge End	10:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:24	0	140	1.22	0.00	6.55	1.99	0.02	1.10	21.0	124.6	Clear	No Odor
9:29	5	150	1.23	0.18	6.94	2.04	0.02	0.19	20.6	19.4	Clear	No Odor
9:34	5	150	1.23	0.38	7.04	2.11	0.02	0.09	20.5	-8.5	Clear	No Odor
9:39	5	150	1.24	0.58	7.08	2.09	0.02	0.05	20.5	-26.2	Clear	No Odor
9:44	5	125	1.23	0.78	7.09	2.08	0.02	0.04	20.6	-39.6	Clear	No Odor
9:49	5	125	1.23	0.95	7.11	2.07	0.02	0.04	20.8	-48.4	Clear	No Odor
9:54	5	125	1.23	1.12	7.12	2.05	0.02	0.05	20.9	-55.5	Clear	No Odor
9:59	5	125	1.23	1.29	7.12	2.05	0.02	0.04	20.9	-60.3	Clear	No Odor
10:04	5	125	1.23	1.46	7.13	2.03	0.02	0.05	20.9	-63.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-139S			Date	8-10-21
Project Name/Location	Ford LTP			Weather	82.9 degrees F and Mostly Cloudy. The wind is blowing W/SW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.54	Total Depth (ft-bmp)	6.90	Water Column (ft.)	4.36	Gallons in Well	0.71
		Pump Intake (ft-bmp)	4.04	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.20				
Sample Time: Label	13:30	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	12:52						
Purge End	13:32						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:55	0	200	2.57	0.00	7.13	1.28	1.79	0.30	20.2	6.1	Clear	No Odor
13:00	5	200	2.57	0.26	7.02	1.28	1.90	0.21	20.2	-17.7	Clear	No Odor
13:05	5	200	2.57	0.52	7.07	1.28	1.94	0.22	20.4	-35.9	Clear	No Odor
13:10	5	200	2.57	0.78	7.03	1.26	0.69	0.20	19.6	-44.0	Clear	No Odor
13:15	5	200	2.57	1.04	7.07	1.26	0.22	0.17	19.7	-55.6	Clear	No Odor
13:20	5	200	2.57	1.30	7.05	1.26	0.77	0.16	19.6	-60.7	Clear	No Odor
13:25	5	200	2.57	1.56	7.06	1.25	0.57	0.15	19.5	-65.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-140S			Date	8-9-21
Project Name/Location	Ford LTP			Weather	84.9 degrees F and Mostly Cloudy. The wind is blowing S at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.85	Total Depth (ft-bmp)	6.46	Water Column (ft.)	2.61	Gallons in Well	0.42
		Pump Intake (ft-bmp)	5.35	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.71				
Sample Time: Label	14:10	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:09						
Purge End	14:13						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:10	0	150	3.92	0.00	7.75	0.39	263.00	5.44	23.0	94.8	Cloudy, White	No Odor
13:15	5	150	3.93	0.20	7.55	0.35	166.00	4.27	21.1	71.7	Cloudy, White	No Odor
13:20	5	150	3.92	0.40	7.39	0.32	99.10	2.55	20.3	68.8	Cloudy, White	No Odor
13:25	5	150	3.92	0.60	7.34	0.31	70.00	1.84	19.7	69.0	Cloudy, White	No Odor
13:30	5	150	3.92	0.80	7.51	0.32	50.00	1.66	20.1	64.8	Cloudy, White	No Odor
13:35	5	150	3.92	1.00	7.52	0.34	34.30	1.38	19.6	72.0	Cloudy, White	No Odor
13:40	5	150	3.92	1.20	7.40	0.37	19.00	1.05	19.3	83.2	Clear	No Odor
13:45	5	150	3.92	1.40	7.39	0.40	13.40	0.84	19.1	85.1	Clear	No Odor
13:50	5	150	3.92	1.60	7.34	0.47	8.46	0.64	18.7	89.8	Clear	No Odor
13:55	5	150	3.92	1.80	7.36	0.49	4.43	0.58	18.5	89.4	Clear	No Odor
14:00	5	150	3.92	2.00	7.38	0.50	3.56	0.52	18.4	88.4	Clear	No Odor
14:05	5	150	3.92	2.20	7.46	0.50	3.59	0.49	18.9	84.4	Clear	No Odor
14:10	5	150	3.92	2.40	7.43	0.51	2.85	0.49	18.4	86.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-141S			Date	8-10-21
Project Name/Location	Ford LTP			Weather	82.9 degrees F and Mostly Cloudy. The wind is blowing W/SW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.62	Total Depth (ft-bmp)	7.68	Water Column (ft.)	2.06	Gallons in Well	0.33
		Pump Intake (ft-bmp)	7.12	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.21				
Sample Time: Label	13:47	Volume Purged	2.05 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	12:44						
Purge End	13:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:45	0	140	5.70	0.00	6.71	0.61	0.02	3.02	18.9	157.7	Clear	No Odor
12:50	5	125	5.74	0.18	6.88	0.59	0.02	1.94	19.0	112.9	Clear	No Odor
12:55	5	125	5.77	0.35	6.95	0.58	0.02	1.46	18.9	98.8	Clear	No Odor
13:00	5	125	5.78	0.52	6.98	0.58	0.02	1.20	18.8	93.2	Clear	No Odor
13:05	5	125	5.79	0.69	6.99	0.59	0.02	1.03	18.7	91.6	Clear	No Odor
13:10	5	125	5.80	0.86	6.99	0.59	0.02	0.91	18.7	90.6	Clear	No Odor
13:15	5	125	5.80	1.03	6.99	0.59	0.02	0.76	18.7	90.0	Clear	No Odor
13:20	5	125	5.80	1.20	7.00	0.59	0.02	0.71	18.7	89.6	Clear	No Odor
13:25	5	125	5.80	1.37	7.00	0.60	0.02	0.66	18.7	89.2	Clear	No Odor
13:30	5	125	5.80	1.54	7.00	0.60	0.02	0.55	18.6	88.9	Clear	No Odor
13:35	5	125	5.80	1.71	7.00	0.60	0.02	0.52	18.5	88.6	Clear	No Odor
13:40	5	125	5.80	1.88	7.00	0.60	0.02	0.45	18.6	88.4	Clear	No Odor
13:45	5	125	5.80	2.05	7.00	0.60	0.02	0.42	18.6	88.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-142S			Date	8-13-21
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Mostly Cloudy. The wind is blowing SW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.59	Total Depth (ft-bmp)	6.75	Water Column (ft.)	3.16	Gallons in Well	0.51
		Pump Intake (ft-bmp)	5.09	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.51				
Sample Time: Label	12:30	Volume Purged	2.3 gallons	Replicate/Code No.	DUP-06	Sampled by	Emma Witherspoon
Purge Start	11:34						
Purge End	12:41						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:35	0	175	3.66	0.00	6.55	0.99	36.30	4.11	20.7	74.1	Cloudy, Small Orange Particulates	No Odor
11:40	5	175	3.66	0.23	6.56	1.00	25.10	3.09	20.7	86.2	Cloudy, Small Orange Particulates	No Odor
11:45	5	175	3.66	0.46	6.57	1.00	14.90	2.68	2.1	98.3	Clear, Small Orange Particulates	No Odor
11:50	5	175	3.66	0.69	6.60	1.01	12.40	2.61	20.5	109.5	Clear, Small Orange Particulates	No Odor
11:55	5	175	3.66	0.92	6.63	1.03	7.78	2.35	20.4	114.4	Clear	No Odor
12:00	5	175	3.66	1.15	6.65	1.04	3.44	2.01	20.4	83.4	Clear	No Odor
12:05	5	175	3.66	1.38	6.67	1.05	3.31	1.81	20.3	55.0	Clear	No Odor
12:10	5	175	3.66	1.61	6.69	1.05	1.03	1.73	20.3	30.9	Clear	No Odor
12:15	5	175	3.66	1.84	6.70	1.05	1.18	1.69	20.2	19.5	Clear	No Odor
12:20	5	175	3.66	2.07	6.71	1.06	1.34	1.63	20.3	13.8	Clear	No Odor
12:25	5	175	3.66	2.30	6.71	1.06	1.01	1.58	20.3	10.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-192S			Date	8-19-21
Project Name/Location	Ford LTP			Weather	77.0 degrees F and Haze. The wind is blowing NNW at 3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.88	Total Depth (ft-bmp)	7.66	Water Column (ft.)	5.78	Gallons in Well	0.94
		Pump Intake (ft-bmp)	3.38	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.65				
Sample Time: Label	11:18	Volume Purged	1.55 gallons	Replicate/Code No.	MW-192S-MS_081921, MW-192S-MSD_081921	Sampled by	Andrew Banitt
Purge Start	10:35						
Purge End	11:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:36	0	140	1.95	0.00	6.89	0.64	0.02	1.14	21.2	176.2	Clear	No Odor
10:41	5	140	2.03	0.18	7.10	0.65	0.02	0.18	20.8	121.3	Clear	No Odor
10:46	5	140	2.06	0.41	7.13	1.17	0.02	0.22	20.6	111.7	Clear	No Odor
10:51	5	140	2.07	0.64	7.17	1.55	0.02	0.23	20.4	104.0	Clear	No Odor
10:56	5	125	2.01	0.87	7.20	1.88	0.02	0.08	20.5	98.8	Clear	No Odor
11:01	5	125	2.01	1.04	7.22	1.83	0.02	0.09	20.6	94.2	Clear	No Odor
11:06	5	125	2.01	1.21	7.22	1.79	0.02	0.15	20.7	92.6	Clear	No Odor
11:11	5	125	2.01	1.38	7.22	1.75	0.02	0.19	20.7	90.7	Clear	No Odor
11:16	5	125	2.01	1.55	7.22	1.77	0.02	0.20	20.7	88.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-72			Date	8-16-21
Project Name/Location	Ford LTP			Weather	62.1 degrees F and Cloudy. The wind is blowing N/NE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.50	Total Depth (ft-bmp)	19.62	Water Column (ft.)	12.12	Gallons in Well	1.97
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.49				
Sample Time: Label	8:55	Volume Purged	0.96 gallons	Replicate/Code No.	DUP-08	Sampled by	Christian Garrido
Purge Start	8:23						
Purge End	9:07						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:25	0	120	7.50	0.00	7.25	10.68	0.02	1.75	18.0	-102.9	Clear	No Odor
8:30	5	120	7.50	0.16	7.29	10.78	0.02	0.52	17.9	-115.5	Clear	No Odor
8:35	5	120	7.86	0.32	7.30	10.79	3.77	0.37	17.9	-118.6	Clear	No Odor
8:40	5	120	7.86	0.48	7.29	10.79	0.02	0.29	17.9	-118.9	Clear	No Odor
8:45	5	120	7.60	0.64	7.29	10.79	0.02	0.30	17.8	-119.2	Clear	No Odor
8:50	5	120	7.60	0.80	7.29	10.79	0.02	0.27	17.8	-119.3	Clear	No Odor
8:55	5	120	7.60	0.96	7.29	10.75	0.02	0.35	17.7	-119.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-72S			Date	8-16-21
Project Name/Location	Ford LTP			Weather	64.9 degrees F and Cloudy. The wind is blowing N/NE at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.65	Total Depth (ft-bmp)	12.85	Water Column (ft.)	5.20	Gallons in Well	0.84
		Pump Intake (ft-bmp)	9.15	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.81				
Sample Time: Label	10:15	Volume Purged	1.52 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	9:29						
Purge End	10:19						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:30	0	120	7.65	0.00	4.07	3.33	14.76	8.87	21.1	24.8	Clear	No Odor
9:35	5	130	7.65	0.16	7.66	5.13	10.20	1.58	20.6	17.9	Clear	No Odor
9:40	5	130	8.24	0.33	7.64	5.05	7.38	1.36	20.5	13.2	Clear	No Odor
9:45	5	130	8.24	0.50	7.60	4.97	3.72	1.31	20.4	17.2	Clear	No Odor
9:50	5	130	8.24	0.67	7.52	4.90	2.51	1.29	20.4	20.2	Clear	No Odor
9:55	5	130	7.90	0.84	7.45	4.84	0.92	1.32	20.4	31.3	Clear	No Odor
10:00	5	130	7.90	1.01	7.42	4.80	0.02	1.34	20.3	43.6	Clear	No Odor
10:05	5	130	7.90	1.18	7.37	4.77	0.02	1.37	20.3	52.0	Clear	No Odor
10:10	5	130	7.90	1.35	7.33	4.74	0.02	1.36	20.3	54.6	Clear	No Odor
10:15	5	130	7.90	1.52	7.30	4.73	0.02	1.34	20.3	53.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Lock is rusted out due to standing water in well

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-73D			Date	8-16-21
Project Name/Location	Ford LTP			Weather	69.1 degrees F and Cloudy. The wind is blowing NE at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	13.5-18.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.60	Total Depth (ft-bmp)	17.40	Water Column (ft.)	11.80	Gallons in Well	1.92
		Pump Intake (ft-bmp)	16.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.86				
Sample Time: Label	12:41	Volume Purged	1.65 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	11:43						
Purge End	12:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:45	0	110	5.60	0.00	7.36	5.56	4.73	9.05	19.0	-147.6	Clear	No Odor
11:50	5	110	5.60	0.15	7.38	4.64	7.20	7.33	19.9	-150.3	Clear	No Odor
11:55	5	110	5.90	0.30	7.39	4.37	6.92	7.14	19.6	-148.4	Clear	No Odor
12:00	5	110	6.20	0.45	7.42	4.15	3.84	6.88	19.8	-147.0	Clear	No Odor
12:05	5	110	6.20	0.60	7.42	4.11	0.02	6.22	19.6	-145.5	Clear	No Odor
12:10	5	110	6.00	0.75	7.42	4.22	0.02	6.13	19.4	-144.3	Clear	No Odor
12:15	5	110	6.00	0.90	7.41	4.41	0.92	5.86	19.4	-142.9	Clear	No Odor
12:20	5	110	6.00	1.05	7.41	4.77	0.02	5.75	19.3	-141.3	Clear	No Odor
12:25	5	110	6.00	1.20	7.40	4.84	0.02	5.59	19.4	-140.6	Clear	No Odor
12:30	5	110	6.00	1.35	7.39	5.09	0.02	5.36	19.4	-139.7	Clear	No Odor
12:35	5	110	5.90	1.50	7.39	5.10	0.02	5.25	19.3	-139.3	Clear	No Odor
12:40	5	110	5.90	1.65	7.39	5.15	0.02	5.20	19.3	-139.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-73SR			Date	8-16-21
Project Name/Location	Ford LTP			Weather	68.0 degrees F and Cloudy. The wind is blowing N/NE at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.70	Total Depth (ft-bmp)	12.40	Water Column (ft.)	6.70	Gallons in Well	1.09
		Pump Intake (ft-bmp)	7.20	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.10				
Sample Time: Label	11:25	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	10:44						
Purge End	11:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:45	0	110	5.70	0.00	6.78	5.99	14.96	1.08	21.9	-55.4	Clear	No Odor
10:50	5	110	5.70	0.15	6.77	5.99	12.41	1.09	22.0	-52.7	Clear	No Odor
10:55	5	110	6.40	0.30	6.72	6.06	8.50	1.12	21.9	-32.7	Clear	No Odor
11:00	5	110	6.40	0.45	6.72	6.12	5.72	0.97	21.7	-28.1	Clear	No Odor
11:05	5	110	6.40	0.60	6.75	6.25	2.71	0.70	21.7	-21.7	Clear	No Odor
11:10	5	110	6.10	0.75	6.76	6.54	1.73	0.81	21.7	-18.3	Clear	No Odor
11:15	5	110	6.00	0.90	6.78	6.66	1.06	0.63	21.7	-20.8	Clear	No Odor
11:20	5	110	6.00	1.05	6.79	6.72	0.80	0.60	21.6	-25.2	Clear	No Odor
11:25	5	110	6.00	1.20	6.81	6.83	0.02	0.60	21.5	-30.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-74			Date	8-16-21
Project Name/Location	Ford LTP			Weather	64.0 degrees F and Overcast.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.39	Total Depth (ft-bmp)	18.78	Water Column (ft.)	12.39	Gallons in Well	2.01
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.58				
Sample Time: Label	9:30	Volume Purged	1.17 gallons	Replicate/Code No.	MW-74-MS_081621, MW-74-MSD_081621	Sampled by	Seth Turner
Purge Start	8:30						
Purge End	9:35						

ST

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:35	0	100	6.39	0.00	7.25	10.51	56.50	0.81	18.4	-115.5	Clear	No Odor
8:40	5	100	6.39	0.13	7.26	10.24	30.20	0.62	18.3	-117.5	Clear	No Odor
8:45	5	100	6.39	0.26	7.27	9.69	19.60	0.49	18.3	-120.0	Clear	No Odor
8:50	5	100	6.39	0.39	7.28	8.66	6.51	0.22	18.2	-125.3	Clear	No Odor
8:55	5	100	6.39	0.52	7.23	8.76	4.69	0.21	18.2	-125.4	Clear	No Odor
9:00	5	100	6.39	0.65	7.28	9.04	4.13	0.18	18.1	-125.4	Clear	No Odor
9:05	5	100	6.39	0.65	7.27	9.42	3.37	0.14	18.0	-124.9	Clear	No Odor
9:10	5	100	6.39	0.78	7.57	9.65	1.97	0.13	17.9	-124.2	Clear	No Odor
9:15	5	100	6.39	0.91	7.27	9.97	0.02	0.11	17.8	-123.2	Clear	No Odor
9:20	5	100	6.39	1.04	7.27	10.02	0.02	0.10	17.8	-123.0	Clear	No Odor
9:25	5	100	6.39	1.17	7.27	10.08	0.02	0.08	17.8	-122.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-74S			Date	8-16-21
Project Name/Location	Ford LTP			Weather	70.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.42	Total Depth (ft-bmp)	12.79	Water Column (ft.)	6.37	Gallons in Well	1.04
		Pump Intake (ft-bmp)	7.92	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.75				
Sample Time: Label	10:40	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	10:00						ST
Purge End	10:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:05	0	100	6.42	0.00	6.87	10.22	1.36	1.55	20.1	-59.7	Clear	No Odor
10:10	5	100	6.42	0.13	6.88	10.48	0.98	0.38	20.1	-60.8	Clear	No Odor
10:15	5	100	6.42	0.26	6.88	10.28	0.02	0.30	20.2	-60.2	Clear	No Odor
10:20	5	100	6.42	0.39	6.88	10.16	0.02	0.25	20.2	-59.5	Clear	No Odor
10:25	5	100	6.42	0.52	6.88	9.98	0.02	0.20	20.2	-58.7	Clear	No Odor
10:30	5	100	6.42	0.65	6.87	9.80	0.02	0.13	20.2	-58.3	Clear	No Odor
10:35	5	100	6.42	0.78	6.87	9.80	0.02	0.12	20.3	-58.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-75D			Date	8-16-21
Project Name/Location	Ford LTP			Weather	70.0 degrees F and Overcast.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.62	Total Depth (ft-bmp)	16.64	Water Column (ft.)	11.02	Gallons in Well	1.79
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.23				
Sample Time: Label	1:35	Volume Purged	2.21 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	12:00						ST
Purge End	13:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:05	0	100	5.62	0.00	7.81	5.99	297.00	0.20	18.4	-163.7	Cloudy, Gray	Faint Odor
12:10	5	100	5.62	0.13	7.83	5.97	290.00	0.13	18.4	-174.6	Cloudy, Gray	Faint Odor
12:15	5	100	5.62	0.26	7.82	5.90	280.00	0.10	18.5	-178.9	Cloudy, Gray	No Odor
12:20	5	100	5.62	0.39	7.83	5.88	289.00	0.06	18.5	-182.6	Cloudy, Gray	Faint Odor
12:25	5	100	5.62	0.52	7.83	5.86	254.00	0.06	18.4	-184.5	Cloudy, Gray	No Odor
12:30	5	100	5.62	0.65	7.83	5.79	241.00	0.03	18.4	-184.6	Cloudy, Gray	Faint Odor
12:35	5	100	5.62	0.78	7.82	5.74	219.00	0.05	18.5	-184.0	Cloudy, Gray	Faint Odor
12:40	5	100	5.62	0.91	7.83	5.77	208.00	0.04	18.5	-185.3	Cloudy, Gray	Faint Odor
12:45	5	100	5.62	1.04	7.82	5.68	207.00	0.04	18.4	-185.7	Cloudy, Gray	Faint Odor
12:50	5	100	5.62	1.17	7.81	5.63	173.00	0.04	18.4	-184.8	Cloudy, Gray	Faint Odor
12:55	5	100	5.62	1.30	7.81	5.57	163.00	0.03	18.4	-184.0	Cloudy, Gray	Faint Odor
13:00	5	100	5.62	1.43	7.81	5.54	147.00	0.04	18.4	-179.8	Cloudy, Gray	Faint Odor
13:05	5	100	5.62	1.56	7.79	5.57	118.00	0.06	18.4	-182.6	Cloudy, Gray	Faint Odor
13:10	5	100	5.62	1.69	7.76	5.60	107.00	0.03	18.5	-183.3	Cloudy	Faint Odor
13:15	5	100	5.62	1.82	7.73	5.58	93.40	0.02	18.4	-182.9	Cloudy	Faint Odor
13:20	5	100	5.62	1.95	7.72	5.56	84.30	0.02	18.4	-182.8	Cloudy	Faint Odor
13:25	5	100	5.62	2.08	7.71	5.53	63.90	0.01	18.4	-183.3	Cloudy	Faint Odor
13:30	5	100	5.62	2.21	7.72	5.52	49.60	0.01	18.4	-183.2	Cloudy	Faint Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-75SR			Date	8-13-21
Project Name/Location	Ford LTP			Weather	73.0 degrees F and Mostly Cloudy. The wind is blowing W/SW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.40	Total Depth (ft-bmp)	12.73	Water Column (ft.)	7.33	Gallons in Well	1.19
		Pump Intake (ft-bmp)	6.90	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.69				
Sample Time: Label	9:20	Volume Purged	2.01 gallons	Replicate/Code No.	DUP-10	Sampled by	Christian Garrido
Purge Start	8:19						
Purge End	9:29						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:20	0	120	5.40	0.00	7.41	0.98	0.02	0.65	22.0	174.2	Clear	Faint Odor
8:25	5	120	5.40	0.16	7.33	0.88	0.02	0.40	21.5	-48.5	Clear	Faint Odor
8:30	5	120	5.40	0.32	7.34	0.87	0.02	0.30	21.4	-86.4	Clear	No Odor
8:35	5	130	5.50	0.48	7.35	0.88	0.02	0.20	21.3	-95.5	Clear	No Odor
8:40	5	130	5.50	0.65	7.37	0.88	0.02	0.16	21.4	-99.1	Clear	No Odor
8:45	5	130	5.50	0.82	7.37	0.89	0.02	0.15	21.3	-99.3	Clear	No Odor
8:50	5	130	5.50	0.99	7.40	0.95	0.02	0.10	21.3	-97.3	Clear	No Odor
8:55	5	130	5.40	1.16	7.45	1.08	0.02	0.03	21.3	-97.7	Clear	No Odor
9:00	5	130	5.40	1.33	7.47	1.18	0.02	0.04	21.3	-98.5	Clear	No Odor
9:05	5	130	5.40	1.50	7.47	1.28	0.02	0.00	21.3	-97.5	Clear	No Odor
9:10	5	130	5.40	1.67	7.47	1.36	0.02	0.00	21.4	-96.0	Clear	No Odor
9:15	5	130	5.40	1.84	7.46	1.43	0.02	0.00	21.4	-96.0	Clear	No Odor
9:20	5	130	5.40	2.01	7.46	1.49	0.02	0.00	21.3	-95.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-76			Date	8-13-21
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Mostly Cloudy. The wind is blowing SW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.60	Total Depth (ft-bmp)	19.65	Water Column (ft.)	10.05	Gallons in Well	1.63
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.63				
Sample Time: Label	13:15	Volume Purged	1.02 gallons	Replicate/Code No.	MW-76-MS_081321, MW-76-MSD_081321	Sampled by	Christian Garrido
Purge Start	12:42						
Purge End	13:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:45	0	130	9.60	0.00	8.03	10.50	6.38	3.41	18.9	90.7	Clear	No Odor
12:50	5	130	9.60	0.17	7.36	10.30	4.72	0.18	18.6	-57.3	Clear	No Odor
12:55	5	130	9.92	0.34	7.33	9.97	3.10	0.07	18.7	-48.0	Clear	No Odor
13:00	5	130	9.92	0.51	7.32	9.71	0.02	0.03	18.7	-47.5	Clear	No Odor
13:05	5	130	9.92	0.68	7.30	9.60	1.04	0.00	18.6	-48.6	Clear	No Odor
13:10	5	130	9.90	0.85	7.30	9.52	0.02	0.00	18.6	-50.0	Clear	No Odor
13:15	5	130	9.90	1.02	7.29	9.46	0.02	0.00	18.6	-50.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-76S			Date	8-19-21
Project Name/Location	Ford LTP			Weather	69.1 degrees F and Fog/Mist. The wind is blowing N at 5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.34	Total Depth (ft-bmp)	14.15	Water Column (ft.)	4.81	Gallons in Well	0.78
		Pump Intake (ft-bmp)	10.84	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.96				
Sample Time: Label	8:00	Volume Purged	1.53 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	7:11						
Purge End	8:06						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
7:15	0	125	9.36	0.00	7.26	4.01	9.15	1.81	20.1	167.7	Clear, Small Orange Particulates	No Odor
7:20	5	125	9.36	0.17	7.31	4.10	5.47	1.46	19.8	183.6	Clear, Small Orange Particulates	No Odor
7:25	5	125	9.36	0.34	7.34	4.11	5.05	1.34	19.7	191.1	Clear, Small Orange Particulates	No Odor
7:30	5	125	9.36	0.51	7.30	4.63	3.45	1.30	19.6	203.6	Clear	No Odor
7:35	5	125	9.36	0.68	7.20	6.18	3.66	0.80	19.6	102.1	Clear	No Odor
7:40	5	125	9.36	0.85	7.21	6.40	2.94	0.80	19.7	28.1	Clear	No Odor
7:45	5	125	9.36	1.02	6.47	6.41	2.53	0.80	19.7	2.2	Clear	No Odor
7:50	5	125	9.36	1.19	7.22	6.52	2.23	0.78	19.7	-8.0	Clear	No Odor
7:55	5	125	9.36	1.36	7.22	6.60	2.37	0.82	19.6	-14.3	Clear	No Odor
8:00	5	125	9.36	1.53	7.22	6.64	1.94	0.77	19.6	-16.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-77			Date	8-19-21
Project Name/Location	Ford LTP			Weather	86.0 degrees F and Partly Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.53	Total Depth (ft-bmp)	13.70	Water Column (ft.)	9.17	Gallons in Well	1.49
		Pump Intake (ft-bmp)	11.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.91				
Sample Time: Label	13:21	Volume Purged	1.36 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:38						
Purge End	13:28						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:40	0	125	4.55	0.00	7.30	2.49	4.91	1.25	19.7	35.8	Clear	No Odor
12:45	5	125	4.55	0.17	7.33	2.45	3.32	0.62	20.2	-26.5	Clear	No Odor
12:50	5	125	4.55	0.34	7.34	2.35	2.39	0.43	19.1	-42.0	Clear	No Odor
12:55	5	125	4.55	0.51	7.38	2.23	1.34	0.61	19.2	-58.4	Clear	No Odor
13:00	5	125	4.55	0.68	7.39	2.17	0.86	0.57	19.3	-66.7	Clear	No Odor
13:05	5	125	4.55	0.85	7.40	2.12	0.72	0.54	19.1	-73.5	Clear	No Odor
13:10	5	125	4.55	1.02	7.40	2.08	0.59	0.52	19.3	-79.8	Clear	No Odor
13:15	5	125	4.55	1.19	7.41	2.06	0.74	0.53	19.5	-83.6	Clear	No Odor
13:20	5	125	4.55	1.36	7.42	2.05	0.66	0.52	19.5	-85.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-77S			Date	8-19-21
Project Name/Location	Ford LTP			Weather	84.9 degrees F and Partly Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.45	Total Depth (ft-bmp)	12.15	Water Column (ft.)	7.70	Gallons in Well	1.25
		Pump Intake (ft-bmp)	5.95	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.63				
Sample Time: Label	12:16	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:13						
Purge End	12:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:15	0	125	4.45	0.00	7.35	0.76	1.51	0.87	21.3	63.5	Clear	No Odor
11:20	5	125	4.45	0.17	7.51	0.79	1.47	0.60	21.1	57.8	Clear	No Odor
11:25	5	125	4.45	0.34	7.57	0.81	2.11	0.67	21.1	54.9	Clear	No Odor
11:30	5	125	4.45	0.51	7.57	0.82	1.38	0.69	21.0	53.4	Clear	No Odor
11:35	5	125	4.45	0.68	7.56	0.83	0.65	0.66	21.2	52.1	Clear	No Odor
11:40	5	125	4.45	0.85	7.55	0.85	1.34	0.89	21.0	51.0	Clear	No Odor
11:45	5	125	4.45	1.02	7.54	0.88	1.29	0.87	20.6	50.2	Clear	No Odor
11:50	5	125	4.45	1.19	7.53	0.90	2.99	0.87	20.9	47.3	Clear	No Odor
11:55	5	125	4.45	1.36	7.52	0.93	1.48	0.89	20.9	46.9	Clear	No Odor
12:00	5	125	4.45	1.53	7.51	0.95	0.61	0.87	20.7	44.8	Clear	No Odor
12:05	5	125	4.45	1.70	7.51	0.97	0.88	0.87	20.7	42.6	Clear	No Odor
12:10	5	125	4.45	1.87	7.49	1.02	0.61	0.85	20.8	40.8	Clear	No Odor
12:15	5	125	4.45	2.04	7.50	1.01	0.80	0.87	20.9	38.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-78			Date	8-20-21
Project Name/Location	Ford LTP			Weather	69.1 degrees F and Fog/Mist. The wind is blowing north at 2.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.20	Total Depth (ft-bmp)	11.75	Water Column (ft.)	9.55	Gallons in Well	1.55
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.62				
Sample Time: Label	8:51	Volume Purged	0.96 gallons	Replicate/Code No.	MW-78-MS_082021, MW-78-MSD_082021	Sampled by	Christian Garrido
Purge Start	8:19						
Purge End	9:02						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:20	0	120	2.20	0.00	7.38	4.28	4.21	7.35	20.6	-140.2	Clear, Small Orange Particulates	No Odor
8:25	5	120	2.20	0.16	7.49	3.43	12.00	0.35	18.6	-124.5	Clear, Small Orange Particulates	No Odor
8:30	5	120	2.80	0.32	7.51	3.14	7.25	0.15	18.4	-127.3	Clear, Small Orange Particulates	No Odor
8:35	5	120	2.80	0.48	7.51	2.94	4.84	0.09	18.5	-128.3	Clear, Small Orange Particulates	No Odor
8:40	5	120	2.80	0.64	7.52	2.81	4.88	0.06	18.4	-123.5	Clear, Small Orange Particulates	No Odor
8:45	5	120	2.64	0.80	7.52	2.79	3.90	0.03	18.4	-128.1	Clear	No Odor
8:50	5	120	2.61	0.96	7.52	2.75	3.17	0.02	18.3	-128.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-78S			Date	8-20-21
Project Name/Location	Ford LTP			Weather	71.1 degrees F and Haze. The wind is blowing north at 2.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.45	Total Depth (ft-bmp)	12.30	Water Column (ft.)	9.85	Gallons in Well	1.60
		Pump Intake (ft-bmp)	3.95	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.13				
Sample Time: Label	10:15	Volume Purged	1.8 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	9:13						
Purge End	10:22						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:15	0	110	2.45	0.00	7.47	0.60	2.44	0.55	20.7	6.6	Clear, Small Black Particulates	No Odor
9:20	5	110	2.45	0.15	7.46	0.58	0.02	0.22	20.4	-0.4	Clear, Small Black Particulates	No Odor
9:25	5	110	2.88	0.30	7.46	0.59	0.02	0.07	20.1	-5.8	Clear	No Odor
9:30	5	110	2.90	0.45	7.45	0.62	0.02	0.02	19.9	-11.0	Clear, Small Black Particulates	No Odor
9:35	5	110	2.90	0.60	7.54	0.85	0.02	0.00	19.8	-47.1	Clear, Small Black Particulates	No Odor
9:40	5	110	2.90	0.75	7.55	0.86	0.02	0.00	19.9	-62.3	Clear, Small Black Particulates	No Odor
9:45	5	110	2.70	0.90	7.54	0.95	0.02	0.00	19.8	-70.2	Clear	No Odor
9:50	5	110	2.70	1.05	7.53	0.97	0.02	0.00	19.9	-74.3	Clear	No Odor
9:55	5	110	2.70	1.20	7.52	1.01	0.02	0.00	19.9	-77.5	Clear	No Odor
10:00	5	110	2.70	1.35	7.52	1.12	0.02	0.00	19.8	-84.7	Clear	No Odor
10:05	5	110	2.60	1.50	7.51	1.19	0.02	0.00	19.8	-86.4	Clear	No Odor
10:10	5	110	2.60	1.65	7.51	1.27	0.02	0.00	19.7	-89.2	Clear	No Odor
10:15	5	110	2.60	1.80	7.51	1.31	0.02	0.00	19.7	-92.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-79D			Date	8-10-21
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Cloudy. The wind is blowing SW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.11	Total Depth (ft-bmp)	14.63	Water Column (ft.)	9.52	Gallons in Well	1.55
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.77				
Sample Time: Label	10:05	Volume Purged	1.19 gallons	Replicate/Code No.	DUP-13	Sampled by	Andrew Banitt
Purge Start	9:26						
Purge End	10:17						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:27	0	130	5.12	0.00	6.54	4.08	0.02	1.62	17.3	107.3	Clear	No Odor
9:32	5	130	5.12	0.17	6.84	4.07	0.02	0.31	16.9	31.0	Clear	No Odor
9:37	5	130	5.12	0.34	6.87	4.00	0.02	0.16	16.9	7.6	Clear	No Odor
9:42	5	130	5.12	0.51	6.89	3.84	0.02	0.11	17.0	-6.3	Clear	No Odor
9:47	5	130	5.12	0.68	6.90	3.75	0.02	0.07	16.8	-17.3	Clear	No Odor
9:52	5	130	5.12	0.85	6.90	3.69	0.02	0.07	17.0	-24.8	Clear	No Odor
9:57	5	130	5.12	1.02	6.91	3.64	0.02	0.04	16.8	-30.1	Clear	No Odor
10:02	5	130	5.12	1.19	6.92	3.60	0.02	0.04	16.9	-34.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-79SR			Date	8-10-21
Project Name/Location	Ford LTP			Weather	75.9 degrees F and Cloudy. The wind is blowing SW at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.97	Total Depth (ft-bmp)	12.25	Water Column (ft.)	7.28	Gallons in Well	1.18
		Pump Intake (ft-bmp)	6.47	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.65				
Sample Time: Label	11:33	Volume Purged	1.95 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:35						
Purge End	11:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:36	0	140	4.99	0.00	6.87	0.84	2.50	1.13	19.0	139.8	Clear	No Odor
10:41	5	140	4.99	0.18	7.00	1.02	0.02	0.28	18.2	80.4	Clear	No Odor
10:46	5	140	4.99	0.36	7.00	1.35	0.02	0.17	18.1	49.5	Clear	No Odor
10:51	5	140	4.99	0.54	6.99	1.65	0.02	0.09	18.0	28.4	Clear	No Odor
10:56	5	140	4.99	0.72	6.99	1.80	0.02	0.09	18.0	15.8	Clear	No Odor
11:01	5	140	4.99	0.90	6.98	1.90	0.02	0.04	18.0	4.0	Clear	No Odor
11:06	5	140	4.99	1.08	6.98	1.97	0.02	0.04	18.0	-9.0	Clear	No Odor
11:11	5	140	4.99	1.26	6.98	2.00	0.02	0.03	18.0	-17.8	Clear	No Odor
11:16	5	125	4.99	1.44	6.99	1.96	1.08	0.06	18.6	-23.4	Clear	No Odor
11:21	5	125	4.99	1.61	6.99	1.91	1.37	0.05	18.6	-26.4	Clear	No Odor
11:26	5	125	4.99	1.78	6.99	1.88	0.02	0.05	18.7	-29.1	Clear	No Odor
11:31	5	125	4.99	1.95	7.00	1.88	0.02	0.06	18.6	-31.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-80SR			Date	8-12-21
Project Name/Location	Ford LTP			Weather	70.0 degrees F and Light Rain and Fog/Mist. The wind is blowing SSW 8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	0.85	Total Depth (ft-bmp)	12.22	Water Column (ft.)	11.37	Gallons in Well	1.85
		Pump Intake (ft-bmp)	2.35	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.83				
Sample Time: Label	10:17	Volume Purged	1.54 gallons	Replicate/Code No.	DUP-07	Sampled by	Andrew Banitt
Purge Start	9:28						
Purge End	10:26						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:29	0	140	0.86	0.00	6.39	1.75	22.20	1.18	21.4	163.8	Clear	No Odor
9:34	5	125	0.87	0.18	6.59	1.74	18.80	0.31	21.4	90.0	Clear	No Odor
9:39	5	125	0.86	0.35	6.64	1.74	14.00	0.17	21.3	65.7	Clear	No Odor
9:44	5	125	0.86	0.52	6.67	1.75	11.50	0.13	21.3	52.7	Clear	No Odor
9:49	5	125	0.87	0.69	6.69	1.75	8.90	0.10	21.3	45.1	Clear	No Odor
9:54	5	125	0.88	0.86	6.70	1.74	4.34	0.07	21.3	38.1	Clear	No Odor
9:59	5	125	0.89	1.03	6.72	1.73	3.89	0.06	21.3	32.9	Clear	No Odor
10:04	5	125	0.89	1.20	6.73	1.72	3.14	0.06	21.2	25.8	Clear	No Odor
10:09	5	125	0.90	1.37	6.74	1.71	2.67	0.04	21.2	20.7	Clear	No Odor
10:14	5	125	0.90	1.54	6.75	1.70	2.59	0.04	21.2	17.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Brewster ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-81			Date	8-18-21
Project Name/Location	Ford LTP			Weather	82.0 degrees F and Mostly Cloudy. The wind is blowing NE at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.58	Total Depth (ft-bmp)	12.66	Water Column (ft.)	6.08	Gallons in Well	0.99
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.07				
Sample Time: Label	15:00	Volume Purged	1.06 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	14:24						
Purge End	15:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:25	0	150	6.84	0.00	7.29	2.08	3.15	0.36	18.9	79.1	Clear, Small Orange Particulates	No Odor
14:30	5	150	6.87	0.20	7.21	2.08	4.02	0.22	18.7	71.7	Clear, Small Black Particulates	No Odor
14:35	5	150	6.92	0.40	7.18	2.07	4.93	0.14	18.9	61.7	Clear, Small Black Particulates	No Odor
14:40	5	150	6.95	0.53	7.18	2.05	4.41	0.11	18.7	54.0	Clear, Small Black Particulates	No Odor
14:45	5	150	6.97	0.66	7.17	2.03	2.49	0.16	18.5	50.0	Clear	No Odor
14:50	5	150	6.99	0.86	7.17	2.02	1.67	0.15	18.8	48.1	Clear	No Odor
14:55	5	150	7.00	1.06	7.19	2.02	1.23	0.17	18.9	44.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-81S			Date	8-18-21
Project Name/Location	Ford LTP			Weather	81.0 degrees F and Mostly Cloudy. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.51	Total Depth (ft-bmp)	12.52	Water Column (ft.)	6.01	Gallons in Well	0.98
		Pump Intake (ft-bmp)	8.01	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.87				
Sample Time: Label	14:10	Volume Purged	0.85 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:35						
Purge End	14:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:40	0	100	6.75	0.00	7.18	1.97	6.62	0.48	20.4	58.7	Clear, Small Orange Particulates	No Odor
13:45	5	100	6.79	0.13	7.15	1.89	8.06	0.72	20.2	40.4	Clear, Small Orange Particulates	No Odor
13:50	5	100	6.81	0.33	7.12	1.84	6.70	0.93	20.3	36.0	Clear, Small Orange Particulates	No Odor
13:55	5	100	6.82	0.46	7.13	1.83	5.57	0.87	20.4	29.6	Clear	No Odor
14:00	5	100	6.84	0.59	7.12	1.85	4.47	0.79	20.2	27.6	Clear	No Odor
14:05	5	100	6.85	0.72	7.13	1.86	4.74	0.84	20.6	27.0	Clear	No Odor
14:10	5	100	6.85	0.85	7.10	1.85	2.65	0.78	20.0	29.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-82D			Date	8-18-21
Project Name/Location	Ford LTP			Weather	72.0 degrees F and Fog/Mist. The wind is blowing N/NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	18-23	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.35	Total Depth (ft-bmp)	22.72	Water Column (ft.)	15.37	Gallons in Well	2.50
		Pump Intake (ft-bmp)	20.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.48				
Sample Time: Label	11:01	Volume Purged	1.19 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:23						
Purge End	11:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:25	0	125	7.38	0.00	7.39	1.54	0.22	1.37	18.7	-98.4	Clear	No Odor
10:30	5	125	7.38	0.17	7.42	1.58	1.06	0.97	19.0	-115.4	Clear	No Odor
10:35	5	125	7.38	0.34	7.44	1.60	1.57	0.90	19.0	-122.4	Clear	No Odor
10:40	5	125	7.38	0.51	7.46	1.63	0.02	0.82	19.1	-127.0	Clear	No Odor
10:45	5	125	7.38	0.68	7.47	1.63	0.33	0.78	19.2	-131.0	Clear	No Odor
10:50	5	125	7.38	0.85	7.47	1.65	0.05	0.75	19.0	-132.0	Clear	No Odor
10:55	5	125	7.38	1.02	7.48	1.66	0.40	0.70	19.2	-135.8	Clear	No Odor
11:00	5	125	7.38	1.19	7.46	1.64	0.15	0.70	19.1	-136.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-82SR			Date	8-18-21
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Haze. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.22	Total Depth (ft-bmp)	16.10	Water Column (ft.)	8.88	Gallons in Well	1.44
		Pump Intake (ft-bmp)	8.72	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.71				
Sample Time: Label	12:06	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:33						
Purge End	12:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:35	0	125	7.40	0.00	7.09	1.37	1.40	1.01	20.7	46.0	Clear	No Odor
11:40	5	125	7.45	0.17	7.02	1.38	1.89	0.91	20.6	45.8	Clear	No Odor
11:45	5	125	7.45	0.34	7.03	1.40	1.65	0.80	20.7	46.0	Clear	No Odor
11:50	5	125	7.48	0.51	7.04	1.42	1.56	2.23	20.5	47.3	Clear	No Odor
11:55	5	125	7.48	0.68	7.04	1.43	1.27	2.89	20.8	46.9	Clear	No Odor
12:00	5	125	7.48	0.85	7.04	1.44	1.03	2.93	20.4	47.7	Clear	No Odor
12:05	5	125	7.48	1.02	7.04	1.44	0.96	2.86	20.6	48.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-83			Date	8-13-21
Project Name/Location	Ford LTP			Weather	83.0 degrees F and Overcast.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.60	Total Depth (ft-bmp)	12.41	Water Column (ft.)	5.81	Gallons in Well	0.94
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.83				
Sample Time: Label	11:50	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	11:10						ST
Purge End	11:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:15	0	100	6.61	0.00	7.18	1.64	4.83	0.25	17.7	15.6	Clear	No Odor
11:20	5	100	6.61	0.13	7.18	1.65	0.85	0.10	17.6	18.7	Clear	No Odor
11:25	5	100	6.61	0.26	7.21	1.66	0.02	0.15	17.6	17.6	Clear	No Odor
11:30	5	100	6.61	0.39	7.23	1.68	0.02	0.08	17.6	16.8	Clear	No Odor
11:35	5	100	6.61	0.52	7.22	1.70	0.02	0.07	17.5	14.5	Clear	No Odor
11:40	5	100	6.61	0.65	7.21	1.70	0.02	0.06	17.5	12.8	Clear	No Odor
11:45	5	100	6.61	0.78	7.21	1.70	0.02	0.06	17.5	10.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-83S			Date	8-13-21
Project Name/Location	Ford LTP			Weather	80.0 degrees F and Overcast.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.71	Total Depth (ft-bmp)	12.79	Water Column (ft.)	6.08	Gallons in Well	0.99
		Pump Intake (ft-bmp)	8.21	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.53				
Sample Time: Label	10:55	Volume Purged	0.52 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	10:10						ST
Purge End	11:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	100	6.71	0.00	7.40	1.52	6.07	0.83	18.5	79.6	Clear	No Odor
10:20	5	100	6.71	0.13	7.15	1.51	5.91	0.65	18.5	78.7	Clear	No Odor
10:25	5	100	6.71	0.26	7.12	1.52	3.55	0.56	18.7	68.5	Clear	No Odor
10:30	5	100	6.71	0.39	7.11	1.53	2.67	0.46	18.7	58.3	Clear	No Odor
10:35	5	100	6.71	0.13	7.14	1.54	1.60	0.31	18.5	40.9	Clear	No Odor
10:40	5	100	6.71	0.26	7.19	1.59	0.02	0.22	18.4	15.9	Clear	No Odor
10:45	5	100	6.71	0.39	7.20	1.61	0.02	0.16	18.1	10.9	Clear	No Odor
10:50	5	100	6.71	0.52	7.20	1.62	0.02	0.14	18.1	7.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-84			Date	8-5-21
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Partly Cloudy. The wind is blowing at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.70	Total Depth (ft-bmp)	12.55	Water Column (ft.)	8.85	Gallons in Well	1.44
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.67				
Sample Time: Label	13:50	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	12:48						
Purge End	13:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:50	0	150	3.71	0.00	7.35	3.80	4.27	0.47	19.0	-79.4	Clear, Small Orange Particulates	No Odor
12:55	5	150	3.71	0.20	7.37	3.79	11.70	0.35	19.7	-92.7	Clear, Small Orange Particulates	No Odor
13:00	5	150	3.71	0.40	7.42	2.78	6.39	0.46	20.1	-101.0	Clear, Small Orange Particulates	No Odor
13:05	5	150	3.71	0.60	7.37	2.55	18.40	0.38	19.0	-96.2	Clear, Small Orange Particulates	No Odor
13:10	5	150	3.71	0.80	7.36	2.55	6.73	0.44	19.3	-91.6	Clear, Small White Particulates	No Odor
13:15	5	150	3.71	1.00	7.36	2.76	9.56	0.32	18.9	-93.4	Clear, Small White Particulates	No Odor
13:20	5	150	3.71	1.20	7.39	2.77	13.40	0.46	19.1	-94.8	Clear, Small White Particulates	No Odor
13:25	5	150	3.71	1.40	7.37	2.72	5.33	0.39	19.4	-94.2	Clear, Small White Particulates	No Odor
13:30	5	150	3.71	1.60	7.36	2.79	4.86	0.46	18.8	-94.2	Clear, Small White Particulates	No Odor
13:35	5	150	3.71	1.80	7.42	2.69	7.37	0.37	19.6	-98.7	Clear, Small White Particulates	No Odor
13:40	5	150	3.71	2.00	7.35	2.84	11.30	0.30	18.6	-93.9	Clear, Small White Particulates	No Odor
13:45	5	150	3.71	2.20	7.35	2.86	3.14	0.35	18.7	-96.4	Clear	No Odor
13:50	5	150	3.71	2.40	7.36	2.85	8.95	0.49	18.6	-98.6	Clear, Small White Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-84S			Date	8-5-21
Project Name/Location	Ford LTP			Weather	80.1 degrees F and Partly Cloudy. The wind is blowing at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.86	Total Depth (ft-bmp)	12.68	Water Column (ft.)	8.82	Gallons in Well	1.43
		Pump Intake (ft-bmp)	5.36	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.68				
Sample Time: Label	15:15	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	14:11						
Purge End	15:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:15	0	150	3.88	0.00	7.95	0.37	4.64	4.76	21.1	25.2	Clear, Small Orange Particulates	No Odor
14:20	5	150	3.88	0.20	7.74	0.42	4.97	3.91	20.9	51.2	Clear, Small Orange Particulates	No Odor
14:25	5	150	3.88	0.40	7.54	0.54	4.77	2.54	20.6	46.2	Clear, Small Orange Particulates	No Odor
14:30	5	150	3.88	0.60	7.47	0.76	3.50	2.03	20.5	18.2	Clear, Small Orange Particulates	No Odor
14:35	5	150	3.88	0.80	7.41	0.89	3.24	1.51	20.5	16.7	Clear	No Odor
14:40	5	150	3.88	1.00	7.54	0.82	3.00	2.27	21.1	12.4	Clear	No Odor
14:45	5	150	3.88	1.20	7.38	1.01	2.55	1.26	20.5	9.7	Clear	No Odor
14:50	5	150	3.88	1.40	7.37	1.09	1.50	1.25	20.5	-2.9	Clear	No Odor
14:55	5	150	3.88	1.60	7.36	1.15	1.45	1.15	20.1	-15.5	Clear	No Odor
15:00	5	150	3.88	1.80	7.37	1.23	2.47	1.06	20.2	-31.4	Clear	No Odor
15:05	5	150	3.88	2.00	7.34	1.28	1.66	0.99	19.8	-42.7	Clear	No Odor
15:10	5	150	3.88	2.20	7.34	1.30	1.41	0.96	19.7	-45.3	Clear	No Odor
15:15	5	150	3.88	2.40	7.33	1.37	0.93	0.97	19.7	-51.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-85			Date	8-11-21
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Cloudy. The wind is blowing S/SW at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.78	Total Depth (ft-bmp)	12.68	Water Column (ft.)	6.90	Gallons in Well	1.12
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.43				
Sample Time: Label	13:10	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	12:28						
Purge End	13:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:30	0	150	5.81	0.00	7.20	3.52	1.99	0.74	20.9	-113.2	Clear	Slight Odor
12:35	5	150	5.81	0.20	7.18	3.46	2.73	0.29	20.7	-118.0	Clear	Slight Odor
12:40	5	150	5.81	0.40	7.18	3.31	2.44	0.15	20.7	-118.5	Clear	Slight Odor
12:45	5	150	5.81	0.60	7.18	3.07	4.36	0.14	20.7	-116.4	Clear	Slight Odor
12:50	5	150	5.81	0.80	7.18	2.87	4.04	0.13	20.7	-114.3	Clear	Slight Odor
12:55	5	150	5.81	1.00	7.17	2.74	1.28	0.11	20.7	-113.7	Clear	Slight Odor
13:00	5	150	5.81	1.20	7.16	2.65	2.83	0.10	20.7	-113.8	Clear	Slight Odor
13:05	5	150	5.81	1.40	7.16	2.62	2.59	0.09	20.7	-113.8	Clear	Faint Odor
13:10	5	150	5.81	1.60	7.16	2.60	2.44	0.09	20.9	-114.1	Clear	Faint Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-85SR			Date	8-11-21
Project Name/Location	Ford LTP			Weather	75.0 degrees F and Cloudy. The wind is blowing S/SW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.85	Total Depth (ft-bmp)	8.44	Water Column (ft.)	2.59	Gallons in Well	0.42
		Pump Intake (ft-bmp)	7.35	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.64				
Sample Time: Label	12:05	Volume Purged	2.37 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	11:04						
Purge End	12:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	125	5.87	0.00	7.07	1.84	73.70	1.96	22.6	-64.7	Clear, Small Orange Particulates	No Odor
11:10	5	150	5.87	0.17	7.02	1.91	92.30	1.15	22.4	-91.7	Clear, Small Orange Particulates	No Odor
11:15	5	150	5.87	0.37	7.03	1.97	39.60	1.02	22.2	-96.6	Clear, Small Orange Particulates	No Odor
11:20	5	150	5.87	0.57	7.04	2.11	36.40	0.67	22.2	-94.9	Clear, Small Orange Particulates	No Odor
11:25	5	150	5.87	0.77	7.03	2.19	28.50	0.71	22.2	-94.1	Clear, Small Orange Particulates	No Odor
11:30	5	150	5.87	0.97	7.03	2.32	26.90	0.77	22.2	-92.5	Clear, Small Orange Particulates	No Odor
11:35	5	150	5.87	1.17	7.02	2.41	23.10	0.98	22.2	-91.0	Clear, Small Orange Particulates	No Odor
11:40	5	150	5.87	1.37	7.02	2.49	17.20	0.98	22.3	-90.3	Clear, Small Orange Particulates	No Odor
11:45	5	150	5.87	1.57	7.02	2.56	17.40	0.67	22.3	-90.1	Clear, Small Orange Particulates	No Odor
11:50	5	150	5.87	1.77	7.02	2.63	13.20	0.70	22.3	-89.7	Clear, Small Orange Particulates	No Odor
11:55	5	150	5.87	1.97	7.02	2.66	13.00	0.36	22.3	-89.9	Clear, Small Orange Particulates	No Odor
12:00	5	150	5.87	2.17	7.02	2.68	11.20	0.22	22.3	-89.9	Clear, Small Orange Particulates	No Odor
12:05	5	150	5.87	2.37	7.02	2.69	8.21	0.22	22.4	-89.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-86			Date	8-3-21
Project Name/Location	Ford LTP			Weather	77.0 degrees F and Cloudy. The wind is blowing W at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.25	Total Depth (ft-bmp)	16.60	Water Column (ft.)	10.35	Gallons in Well	1.68
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.11				
Sample Time: Label	16:41	Volume Purged	1.87 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	15:43						
Purge End	16:47						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:44	0	130	6.27	0.00	7.13	1.33	4.52	1.46	16.8	167.2	Clear	No Odor
15:49	5	125	6.27	0.17	7.27	1.13	10.90	0.28	16.2	119.1	Clear	No Odor
15:54	5	125	6.26	0.34	7.36	0.77	4.50	0.27	16.1	99.3	Clear	No Odor
15:59	5	125	6.27	0.51	7.40	0.67	2.95	0.62	16.0	88.8	Clear	No Odor
16:04	5	125	6.27	0.68	7.43	0.63	2.95	0.71	16.0	80.6	Clear	No Odor
16:09	5	125	6.27	0.85	7.46	0.61	4.53	0.60	16.0	73.0	Clear	No Odor
16:14	5	125	6.27	1.02	7.46	0.61	3.07	0.56	15.8	63.3	Clear	No Odor
16:19	5	125	6.27	1.19	7.46	0.61	1.64	0.61	15.8	57.4	Clear	No Odor
16:24	5	125	6.27	1.36	7.46	0.62	1.61	0.67	15.8	49.8	Clear	No Odor
16:29	5	125	6.27	1.53	7.47	0.63	3.25	0.75	15.9	45.7	Clear	No Odor
16:34	5	125	6.27	1.70	7.47	0.63	2.80	0.77	15.7	41.3	Clear	No Odor
16:39	5	125	6.27	1.87	7.47	0.63	0.64	0.82	15.8	37.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Wadsworth ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-86S			Date	8-3-21
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Mostly Cloudy. The wind is blowing W/SW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.41	Total Depth (ft-bmp)	12.31	Water Column (ft.)	5.90	Gallons in Well	0.96
		Pump Intake (ft-bmp)	7.91	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.49				
Sample Time: Label	15:12	Volume Purged	1.43 gallons	Replicate/Code No.	MW-86S-MS_080321, MW-86S-MSD_080321	Sampled by	Andrew Banitt
Purge Start	14:29						
Purge End	15:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:30	0	150	6.43	0.00	7.13	0.33	0.02	6.44	20.0	192.9	Clear	No Odor
14:35	5	150	6.44	0.20	7.39	0.32	0.02	5.39	19.3	167.6	Clear	No Odor
14:40	5	140	6.44	0.40	7.45	0.32	0.02	4.88	19.4	158.4	Clear	No Odor
14:45	5	130	6.44	0.58	7.47	0.33	0.02	4.47	19.5	149.6	Clear	No Odor
14:50	5	130	6.44	0.75	7.48	0.33	0.02	4.25	19.3	143.9	Clear	No Odor
14:55	5	130	6.44	0.92	7.48	0.34	0.02	4.23	19.3	139.2	Clear	No Odor
15:00	5	130	6.44	1.09	7.47	0.34	0.02	4.26	18.6	135.9	Clear	No Odor
15:05	5	130	6.44	1.26	7.47	0.34	0.02	4.35	18.6	133.0	Clear	No Odor
15:10	5	130	6.44	1.43	7.49	0.34	0.02	4.04	18.5	130.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Wadsworth ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-87			Date	8-2-21
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Mostly Clear. The wind is blowing NW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.79	Total Depth (ft-bmp)	18.80	Water Column (ft.)	10.01	Gallons in Well	1.63
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.63				
Sample Time: Label	13:46	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:13						
Purge End	13:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:15	0	125	8.80	0.00	7.99	0.27	1.17	6.88	20.8	172.0	Clear	No Odor
13:20	5	125	8.80	0.17	7.98	0.27	0.58	7.76	20.9	175.1	Clear	No Odor
13:25	5	125	8.80	0.34	7.98	0.27	0.02	7.68	20.9	178.2	Clear	No Odor
13:30	5	125	8.80	0.51	7.99	0.27	0.06	7.78	20.9	178.9	Clear	No Odor
13:35	5	125	8.80	0.68	7.98	0.27	0.05	7.67	20.8	179.4	Clear	No Odor
13:40	5	125	8.80	0.85	7.98	0.27	0.60	7.61	20.8	179.6	Clear	No Odor
13:45	5	125	8.80	1.02	7.97	0.27	0.75	7.47	20.9	180.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Standish ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-87S			Date	8-2-21
Project Name/Location	Ford LTP			Weather	75.0 degrees F and Partly Cloudy. The wind is blowing S at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.52	Total Depth (ft-bmp)	14.10	Water Column (ft.)	5.58	Gallons in Well	0.91
		Pump Intake (ft-bmp)	10.02	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.12				
Sample Time: Label	14:46	Volume Purged	1.02 gallons	Replicate/Code No.	MW-87S-MS_080221, MW-87S-MSD_080221	Sampled by	Gary Schafer
Purge Start	14:03						
Purge End	15:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:05	0	125	8.52	0.00	7.83	0.28	1.41	5.69	21.0	187.9	Clear	No Odor
14:10	5	125	8.52	0.17	7.84	0.28	0.02	6.09	21.5	190.1	Clear	No Odor
14:15	5	125	8.53	0.34	7.78	0.28	0.02	7.65	21.4	191.9	Clear	No Odor
14:20	5	125	8.53	0.51	7.78	0.29	0.02	8.48	21.4	192.3	Clear	No Odor
14:25	5	125	8.53	0.68	7.78	0.28	0.04	8.47	21.1	194.6	Clear	No Odor
14:30	5	125	8.54	0.85	7.82	0.28	0.04	8.26	21.1	201.1	Clear	No Odor
14:35	5	125	8.54	1.02	7.81	0.28	0.03	8.30	21.1	201.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Standish ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-96S			Date	8-9-21
Project Name/Location	Ford LTP			Weather	77.0 degrees F and Haze. The wind is blowing at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.50	Total Depth (ft-bmp)	12.09	Water Column (ft.)	6.59	Gallons in Well	1.07
		Pump Intake (ft-bmp)	7.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.95				
Sample Time: Label	9:41	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:08						
Purge End	9:47						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:10	0	125	5.51	0.00	7.39	0.60	5.93	0.98	18.7	61.6	Clear	No Odor
9:15	5	125	5.51	0.17	7.41	0.58	4.67	0.60	18.4	2.1	Clear	No Odor
9:20	5	125	5.51	0.34	7.44	0.58	7.17	0.44	18.4	-18.7	Clear	No Odor
9:25	5	125	5.51	0.51	7.46	0.57	5.33	0.35	18.2	-23.9	Clear	No Odor
9:30	5	125	5.51	0.68	7.45	0.58	4.66	0.33	18.1	-27.3	Clear	No Odor
9:35	5	125	5.51	0.85	7.46	0.58	3.60	0.29	18.1	-29.2	Clear	No Odor
9:40	5	125	5.51	1.02	7.46	0.58	2.69	0.28	18.2	-30.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-97S			Date	8-19-21
Project Name/Location	Ford LTP			Weather	72.0 degrees F and Haze. The wind is blowing N/NW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.27	Total Depth (ft-bmp)	12.00	Water Column (ft.)	7.73	Gallons in Well	1.26
		Pump Intake (ft-bmp)	5.77	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.62				
Sample Time: Label	10:31	Volume Purged	2.04 gallons	Replicate/Code No.	MW-97S-MS_081921, MW-97S-MSD_081921	Sampled by	Gary Schafer
Purge Start	9:27						
Purge End	10:44						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:30	0	125	4.28	0.00	7.21	0.80	21.70	1.08	21.8	140.5	Clear, Small White Particulates	No Odor
9:35	5	125	4.28	0.17	7.27	0.80	10.20	0.43	21.7	107.0	Clear	No Odor
9:40	5	125	4.28	0.34	7.29	0.79	7.12	0.45	21.6	86.6	Clear	No Odor
9:45	5	125	4.28	0.51	7.30	0.78	6.22	0.16	21.5	69.1	Clear	No Odor
9:50	5	125	4.28	0.68	7.32	0.78	4.89	0.33	21.5	55.1	Clear	No Odor
9:55	5	125	4.28	0.85	7.33	0.78	3.51	0.36	21.5	40.3	Clear	No Odor
10:00	5	125	4.28	1.02	7.34	0.78	3.73	0.35	21.5	32.1	Clear	No Odor
10:05	5	125	4.28	1.19	7.35	0.79	3.05	0.33	21.5	22.0	Clear	No Odor
10:10	5	125	4.28	1.36	7.36	0.79	2.99	0.32	21.5	18.9	Clear	No Odor
10:15	5	125	4.28	1.53	7.36	0.80	3.08	0.31	21.5	3.4	Clear	No Odor
10:20	5	125	4.28	1.70	7.37	0.81	2.41	0.30	21.5	-10.5	Clear	No Odor
10:25	5	125	4.28	1.87	7.38	0.81	2.19	0.30	21.5	-18.2	Clear	No Odor
10:30	5	125	4.28	2.04	7.38	0.82	2.13	0.32	21.4	-24.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-98S			Date	8-19-21
Project Name/Location	Ford LTP			Weather	84.0 degrees F and Mostly Cloudy. The wind is blowing at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.74	Total Depth (ft-bmp)	12.10	Water Column (ft.)	10.36	Gallons in Well	1.68
		Pump Intake (ft-bmp)	3.24	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.61				
Sample Time: Label	14:21	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:47						
Purge End	14:28						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:50	0	125	1.78	0.00	7.24	0.61	0.39	0.21	23.8	22.5	Clear	No Odor
13:55	5	125	1.78	0.17	7.25	0.61	0.27	0.17	23.9	6.4	Clear	No Odor
14:00	5	125	1.78	0.34	7.26	0.62	0.11	0.11	23.7	-8.6	Clear	No Odor
14:05	5	125	1.78	0.51	7.26	0.62	0.08	0.12	23.8	-19.6	Clear	No Odor
14:10	5	125	1.78	0.68	7.26	0.62	0.19	0.12	23.9	-22.6	Clear	No Odor
14:15	5	125	1.78	0.85	7.26	0.62	0.10	0.13	23.8	-25.6	Clear	No Odor
14:20	5	125	1.78	1.02	7.26	0.62	0.21	0.13	23.5	-27.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Brewster ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-99S			Date	8-16-21
Project Name/Location	Ford LTP			Weather	70.0 degrees F and Overcast.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.89	Total Depth (ft-bmp)	12.85	Water Column (ft.)	6.96	Gallons in Well	1.13
		Pump Intake (ft-bmp)	7.39	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.69				
Sample Time: Label	11:40	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	11:00						ST
Purge End	11:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	100	5.89	0.00	7.13	2.05	8.70	0.37	20.1	-38.7	Clear	No Odor
11:10	5	100	5.89	0.13	7.23	2.70	5.95	0.22	20.0	-47.3	Clear	No Odor
11:15	5	100	5.89	0.26	7.23	2.76	3.62	0.20	20.1	-47.3	Clear	No Odor
11:20	5	100	5.89	0.39	7.26	2.63	3.67	0.22	20.5	-47.3	Clear	No Odor
11:25	5	100	5.89	0.52	7.26	2.60	2.68	0.23	20.5	-45.1	Clear	No Odor
11:30	5	100	5.89	0.65	7.26	2.63	0.02	0.23	20.5	-43.9	Clear	No Odor
11:35	5	100	5.89	0.78	7.26	2.64	0.02	0.23	20.5	-43.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-100S			Date	8-13-21
Project Name/Location	Ford LTP			Weather	75.0 degrees F and Mostly Cloudy. The wind is blowing W at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.35	Total Depth (ft-bmp)	12.80	Water Column (ft.)	6.45	Gallons in Well	1.05
		Pump Intake (ft-bmp)	7.85	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.71				
Sample Time: Label	10:42	Volume Purged	1.8 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	9:53						
Purge End	10:48						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:55	0	150	6.35	0.00	7.31	5.50	0.02	0.50	21.4	122.0	Clear	No Odor
10:00	5	150	6.35	0.20	7.26	5.51	0.02	0.33	21.0	110.2	Clear	No Odor
10:05	5	150	6.40	0.40	7.26	5.52	0.02	0.31	20.8	100.9	Clear	No Odor
10:10	5	150	6.40	0.60	7.24	5.56	0.02	0.21	20.7	78.9	Clear	No Odor
10:15	5	150	6.40	0.80	7.21	5.67	0.02	0.26	20.7	4.0	Clear	No Odor
10:20	5	150	6.40	1.00	7.20	5.74	0.02	0.22	20.7	-20.9	Clear	No Odor
10:25	5	150	6.40	1.20	7.20	5.60	0.02	0.22	20.8	-27.8	Clear	No Odor
10:30	5	150	6.40	1.40	7.20	5.85	0.02	0.22	20.9	-31.8	Clear	No Odor
10:35	5	150	6.40	1.60	7.20	5.86	0.02	0.22	20.8	-34.7	Clear	No Odor
10:40	5	150	6.40	1.80	7.20	5.90	0.02	0.20	20.9	-36.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-101S			Date	8-13-21
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Mostly Cloudy. The wind is blowing SW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.10	Total Depth (ft-bmp)	14.10	Water Column (ft.)	6.00	Gallons in Well	0.97
		Pump Intake (ft-bmp)	9.60	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.32				
Sample Time: Label	12:06	Volume Purged	1.28 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	11:21						
Purge End	12:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:25	0	120	8.10	0.00	7.59	1.49	0.02	0.45	21.1	92.5	Clear	No Odor
11:30	5	120	8.10	0.16	7.47	1.49	0.02	0.18	20.6	82.3	Clear	No Odor
11:35	5	120	8.40	0.32	7.45	1.49	0.02	0.11	20.4	69.0	Clear	No Odor
11:40	5	120	8.50	0.48	7.44	1.49	0.02	0.07	20.3	13.2	Clear	No Odor
11:45	5	120	8.40	0.64	7.44	1.48	0.02	0.05	20.2	-44.7	Clear	No Odor
11:50	5	120	8.40	0.80	7.44	1.48	0.02	0.04	20.2	-59.0	Clear	No Odor
11:55	5	120	8.40	0.96	7.45	1.48	0.02	0.04	20.2	-67.0	Clear	No Odor
12:00	5	120	8.40	1.12	7.44	1.48	0.02	0.05	20.1	-69.8	Clear	No Odor
12:05	5	120	8.40	1.28	7.45	1.48	0.02	0.04	20.1	-70.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-102			Date	8-18-21
Project Name/Location	Ford LTP			Weather	81.0 degrees F and Mostly Cloudy. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.41	Total Depth (ft-bmp)	14.64	Water Column (ft.)	13.23	Gallons in Well	2.15
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.59				
Sample Time: Label	13:00	Volume Purged	1.26 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	12:24						
Purge End	13:04						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:25	0	160	1.45	0.00	7.37	8.17	4.88	1.38	19.5	-120.3	Clear, Small Orange Particulates	No Odor
12:30	5	160	1.44	0.21	7.27	8.25	2.68	0.19	20.0	-131.1	Clear, Small Orange Particulates	No Odor
12:35	5	160	1.44	0.42	7.27	8.15	9.48	0.12	20.0	-128.4	Clear, Small Orange Particulates	No Odor
12:40	5	160	1.44	0.63	7.28	8.12	1.69	0.10	19.9	-127.4	Clear	No Odor
12:45	5	160	1.44	0.84	7.27	8.06	4.97	0.08	19.9	-126.7	Clear, Small Orange Particulates	No Odor
12:50	5	160	1.44	1.05	7.27	8.02	1.33	0.07	19.7	-126.1	Clear	No Odor
12:55	5	160	1.44	1.26	7.27	8.01	1.92	0.06	19.8	-125.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-102S			Date	8-16-21
Project Name/Location	Ford LTP			Weather	73.0 degrees F and Cloudy. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.41	Total Depth (ft-bmp)	12.34	Water Column (ft.)	10.93	Gallons in Well	1.78
		Pump Intake (ft-bmp)	2.91	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.35				
Sample Time: Label	14:05	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:00						
Purge End	14:08						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:05	0	150	1.42	0.00	7.42	2.27	2.23	0.49	24.6	182.0	Clear	No Odor
13:10	5	150	1.41	0.20	7.43	2.63	1.56	0.14	24.3	181.5	Clear	No Odor
13:15	5	150	1.41	0.40	7.42	2.78	0.68	0.12	24.2	181.6	Clear	No Odor
13:20	5	150	1.42	0.60	7.40	3.03	0.56	0.10	24.1	182.3	Clear	No Odor
13:25	5	150	1.42	0.80	7.39	3.10	0.04	0.10	24.1	181.2	Clear	No Odor
13:30	5	150	1.42	1.00	7.38	3.17	0.02	0.09	24.1	180.1	Clear	No Odor
13:35	5	150	1.42	1.20	7.37	3.25	0.02	0.08	24.0	177.8	Clear	No Odor
13:40	5	150	1.42	1.40	7.36	3.32	0.02	0.08	24.0	173.9	Clear	No Odor
13:45	5	150	1.42	1.60	7.35	3.36	1.20	0.07	23.9	166.0	Clear	No Odor
13:50	5	150	1.42	1.80	7.34	3.39	0.52	0.08	23.9	153.2	Clear	No Odor
13:55	5	150	1.42	2.00	7.34	3.43	0.13	0.07	23.9	135.6	Clear	No Odor
14:00	5	150	1.42	2.20	7.33	3.44	0.16	0.06	23.9	123.5	Clear	No Odor
14:05	5	150	1.42	2.40	7.33	3.45	0.10	0.10	23.9	108.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-105S			Date	8-18-21
Project Name/Location		Ford LTP		Weather	69.1 degrees F and Fog and Fog/Mist. The wind is blowing N/NE at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.90	Total Depth (ft-bmp)	11.75	Water Column (ft.)	8.85	Gallons in Well	1.44
		Pump Intake (ft-bmp)	4.40	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.17				
Sample Time: Label	8:45	Volume Purged	1.68 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	8:00						
Purge End	8:54						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:05	0	160	2.91	0.00	6.81	1.46	14.00	0.35	22.8	91.6	Clear, Small Orange Particulates	No Odor
8:10	5	160	2.91	0.21	6.79	1.47	12.30	0.22	22.5	66.2	Clear, Small Orange Particulates	No Odor
8:15	5	160	2.91	0.42	6.79	1.70	7.12	0.15	22.2	52.0	Clear, Small Orange Particulates	No Odor
8:20	5	160	2.91	0.63	7.07	2.58	5.11	0.13	22.2	20.0	Clear, Small Orange Particulates	No Odor
8:25	5	160	2.91	0.84	7.15	2.65	4.79	0.13	22.3	-56.5	Clear, Small Orange Particulates	No Odor
8:30	5	160	2.91	1.05	7.18	2.67	4.74	0.12	22.3	-70.3	Clear, Small Orange Particulates	No Odor
8:35	5	160	2.91	1.26	7.20	2.71	4.52	0.11	22.3	-79.7	Clear, Small Orange Particulates	No Odor
8:40	5	160	2.91	1.47	7.22	2.70	4.21	0.12	22.4	-83.4	Clear, Small Orange Particulates	No Odor
8:45	5	160	2.91	1.68	7.22	2.69	4.21	0.11	22.5	-85.6	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-106S			Date	8-11-21
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Cloudy. The wind is blowing S/SW at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.20	Total Depth (ft-bmp)	11.60	Water Column (ft.)	8.40	Gallons in Well	1.36
		Pump Intake (ft-bmp)	4.70	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.38				
Sample Time: Label	13:19	Volume Purged	1.88 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	12:21						
Purge End	13:26						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:22	0	140	3.29	0.00	6.86	0.50	71.50	1.76	24.0	137.0	Clear	No Odor
12:27	5	125	3.31	0.18	7.00	0.41	38.70	2.34	23.7	108.4	Clear	No Odor
12:32	5	125	3.32	0.35	7.06	0.39	34.10	1.86	23.7	100.6	Clear	No Odor
12:37	5	125	3.33	0.52	7.09	0.39	32.00	1.71	23.7	95.2	Clear	No Odor
12:42	5	125	3.33	0.69	7.10	0.40	20.90	1.39	23.6	92.1	Clear	No Odor
12:47	5	125	3.34	0.86	7.11	0.41	16.40	1.30	23.6	89.0	Clear	No Odor
12:52	5	125	3.35	1.03	7.09	0.42	9.58	1.04	23.5	86.3	Clear	No Odor
12:57	5	125	3.34	1.20	7.09	0.43	6.58	0.86	23.6	82.2	Clear	No Odor
13:02	5	125	3.34	1.37	7.09	0.44	5.42	0.81	23.6	79.7	Clear	No Odor
13:07	5	125	3.34	1.54	7.08	0.45	3.01	0.77	23.6	77.5	Clear	No Odor
13:12	5	125	3.34	1.71	7.08	0.45	2.80	0.76	23.6	75.7	Clear	No Odor
13:17	5	125	3.34	1.88	7.07	0.46	1.93	0.70	23.7	74.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-107S			Date	8-13-21
Project Name/Location	Ford LTP			Weather	75.0 degrees F and Mostly Cloudy. The wind is blowing W at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.37	Total Depth (ft-bmp)	12.14	Water Column (ft.)	6.77	Gallons in Well	1.10
		Pump Intake (ft-bmp)	6.87	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.29				
Sample Time: Label	10:55	Volume Purged	1.42 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:12						
Purge End	11:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:13	0	150	5.49	0.00	6.89	1.10	13.30	1.09	20.0	141.3	Clear	No Odor
10:18	5	150	5.64	0.20	6.93	1.06	1.42	0.86	20.1	85.9	Clear	No Odor
10:23	5	125	5.72	0.40	7.02	1.05	0.02	0.75	20.2	60.3	Clear	No Odor
10:28	5	125	5.75	0.57	7.08	1.03	0.02	0.44	20.0	42.5	Clear	No Odor
10:33	5	125	5.82	0.74	7.10	1.02	0.02	0.30	19.8	17.0	Clear	No Odor
10:38	5	125	5.81	0.91	7.17	1.01	0.02	0.29	19.7	13.9	Clear	No Odor
10:43	5	125	5.87	1.08	7.17	1.00	0.02	0.24	19.6	-10.0	Clear	No Odor
10:48	5	125	5.84	1.25	7.22	0.99	0.02	0.28	19.7	-10.4	Clear	No Odor
10:53	5	125	5.84	1.42	7.23	0.99	0.02	0.21	19.6	-15.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Capitol ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-108S			Date	8-11-21
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Mostly Cloudy. The wind is blowing S/SW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.20	Total Depth (ft-bmp)	12.22	Water Column (ft.)	8.02	Gallons in Well	1.30
		Pump Intake (ft-bmp)	5.70	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.92				
Sample Time: Label	8:10	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	7:31						
Purge End	8:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
7:35	0	150	4.27	0.00	6.75	1.39	45.10	0.64	22.1	-30.5	Clear, Small Orange Particulates	No Odor
7:40	5	150	4.27	0.20	6.78	1.40	34.90	0.40	21.8	-49.9	Clear, Small Orange Particulates	No Odor
7:45	5	150	4.27	0.40	6.79	1.38	16.50	0.29	21.5	-67.5	Clear, Small Orange Particulates	No Odor
7:50	5	150	4.27	0.60	6.83	1.36	11.00	0.25	21.5	-77.0	Clear, Small Orange Particulates	No Odor
7:55	5	150	4.27	0.80	6.85	1.36	8.82	0.23	21.5	-81.6	Clear, Small Orange Particulates	No Odor
8:00	5	150	4.27	1.00	6.86	1.34	8.19	0.21	21.4	-83.6	Clear, Small Orange Particulates	No Odor
8:05	5	150	4.27	1.20	6.86	1.34	8.48	0.21	21.4	-84.0	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Two broken off bolts stuck in threads, one operating bolt

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-131S			Date	8-18-21
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Haze. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.23	Total Depth (ft-bmp)	12.65	Water Column (ft.)	8.42	Gallons in Well	1.37
		Pump Intake (ft-bmp)	5.73	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.75				
Sample Time: Label	11:55	Volume Purged	2.4 gallons	Replicate/Code No.	DUP-12	Sampled by	Emma Witherspoon
Purge Start	10:53						
Purge End	12:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:55	0	150	4.28	0.00	7.20	0.75	6.07	1.13	22.1	215.8	Clear	No Odor
11:00	5	150	4.26	0.20	7.12	0.82	5.83	0.44	22.0	184.2	Clear	No Odor
11:05	5	150	4.26	0.40	7.07	0.97	4.54	0.28	21.8	154.2	Clear	No Odor
11:10	5	150	4.26	0.60	7.04	1.16	3.06	0.26	21.8	52.7	Clear	No Odor
11:15	5	150	4.26	0.80	6.99	1.61	2.96	0.26	21.7	-6.5	Clear	No Odor
11:20	5	150	4.26	1.00	7.06	2.35	2.53	0.27	21.8	-51.8	Clear	No Odor
11:25	5	150	4.26	1.20	7.07	2.58	3.10	0.23	21.6	-64.0	Clear	No Odor
11:30	5	150	4.26	1.40	7.10	2.80	1.71	0.23	21.5	-73.5	Clear	No Odor
11:35	5	150	4.26	1.60	7.14	2.99	2.81	0.26	21.5	-79.4	Clear	No Odor
11:40	5	150	4.26	1.80	7.17	3.11	1.92	0.25	21.5	-83.5	Clear	No Odor
11:45	5	150	4.26	2.00	7.20	3.20	3.33	0.25	21.5	-88.0	Clear	No Odor
11:50	5	150	4.26	2.20	7.21	3.23	5.02	0.25	21.5	-90.0	Clear	No Odor
11:55	5	150	4.26	2.40	7.20	3.28	3.93	0.22	21.6	-92.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-132S			Date	8-13-21
Project Name/Location	Ford LTP			Weather	80.1 degrees F and Light Rain. The wind is blowing W/SW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.40	Total Depth (ft-bmp)	12.36	Water Column (ft.)	6.96	Gallons in Well	1.13
		Pump Intake (ft-bmp)	6.90	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.12				
Sample Time: Label	14:30	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:28						
Purge End	14:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:30	0	150	5.42	0.00	7.30	2.95	53.50	1.55	23.6	179.6	Cloudy, Small Orange Particulates	No Odor
13:35	5	150	5.42	0.20	7.24	2.92	42.60	1.19	23.6	171.8	Cloudy, Small Orange Particulates	No Odor
13:40	5	150	5.42	0.40	7.25	2.89	20.20	1.09	23.5	163.4	Cloudy, Small Orange Particulates	No Odor
13:45	5	150	5.42	0.60	7.26	2.83	9.97	0.98	23.6	154.4	Cloudy	No Odor
13:50	5	150	5.42	0.80	7.25	2.80	4.99	1.12	23.5	146.8	Clear	No Odor
13:55	5	150	5.42	1.00	7.25	2.75	4.69	1.00	23.4	135.7	Clear	No Odor
14:00	5	150	5.42	1.20	7.25	2.74	2.64	1.09	23.5	125.1	Clear	No Odor
14:05	5	150	5.42	1.40	7.25	2.71	1.95	0.95	23.3	115.1	Clear	No Odor
14:10	5	150	5.42	1.60	7.25	2.68	1.76	0.94	23.1	103.4	Clear	No Odor
14:15	5	150	5.42	1.80	7.26	2.71	1.47	0.92	23.3	96.0	Clear	No Odor
14:20	5	150	5.42	2.00	7.25	2.67	1.39	0.96	23.1	92.6	Clear	No Odor
14:25	5	150	5.42	2.20	7.25	2.63	1.08	0.90	23.1	84.2	Clear	No Odor
14:30	5	150	5.42	2.40	7.25	2.61	1.15	0.89	23.0	75.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Two broken bolts stuck in threads, one functioning bolt

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-133S			Date	8-18-21
Project Name/Location	Ford LTP			Weather	81.0 degrees F and Mostly Cloudy. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.72	Total Depth (ft-bmp)	8.49	Water Column (ft.)	2.77	Gallons in Well	0.45
		Pump Intake (ft-bmp)	7.22	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.78				
Sample Time: Label	14:11	Volume Purged	1.7 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:17						
Purge End	14:16						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	125	5.75	0.00	7.12	0.62	35.30	3.52	20.5	106.0	Brown, Turbid	No Odor
13:25	5	125	5.75	0.17	7.13	0.64	36.30	1.93	20.3	92.5	Brown, Turbid	No Odor
13:30	5	125	5.75	0.34	7.15	0.69	28.80	1.53	20.2	78.3	Turbid	No Odor
13:35	5	125	5.75	0.51	7.16	0.72	19.70	1.46	19.9	65.7	Clear	No Odor
13:40	5	125	5.75	0.68	7.17	0.74	17.00	1.34	19.8	51.3	Clear	No Odor
13:45	5	125	5.75	0.85	7.18	0.75	11.80	1.49	19.8	46.4	Clear	No Odor
13:50	5	125	5.75	1.02	7.19	0.77	7.47	1.02	20.2	40.7	Clear	No Odor
13:55	5	125	5.75	1.19	7.19	0.77	5.03	1.08	20.5	37.3	Clear	No Odor
14:00	5	125	5.75	1.36	7.19	0.78	4.51	1.09	20.5	34.6	Clear	No Odor
14:05	5	125	5.75	1.53	7.19	0.78	3.90	1.06	20.5	33.2	Clear	No Odor
14:10	5	125	5.75	1.70	7.19	0.78	3.39	1.08	19.9	32.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-134S			Date	8-19-21
Project Name/Location	Ford LTP			Weather	72.0 degrees F and Haze. The wind is blowing N/NW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.77	Total Depth (ft-bmp)	9.45	Water Column (ft.)	2.68	Gallons in Well	0.44
		Pump Intake (ft-bmp)	8.27	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.32				
Sample Time: Label	10:50	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	10:17						
Purge End	10:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	130	6.80	0.00	7.37	0.48	0.02	2.07	19.7	109.8	Clear	No Odor
10:25	5	130	6.80	0.17	7.36	0.50	0.02	0.96	19.3	87.7	Clear	No Odor
10:30	5	130	7.10	0.34	7.36	0.50	0.02	0.81	19.3	79.3	Clear	No Odor
10:35	5	130	7.10	0.51	7.36	0.49	0.02	0.78	19.1	73.2	Clear	No Odor
10:40	5	130	7.02	0.68	7.36	0.49	0.02	0.76	19.2	68.8	Clear	No Odor
10:45	5	130	7.02	0.85	7.36	0.49	0.02	0.75	19.1	65.5	Clear	No Odor
10:50	5	130	7.00	1.02	7.36	0.49	0.02	0.72	19.2	63.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-135S			Date	8-19-21
Project Name/Location	Ford LTP			Weather	71.1 degrees F and Haze. The wind is blowing south at 5.3 mph		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.73	Total Depth (ft-bmp)	9.68	Water Column (ft.)	3.95	Gallons in Well	0.64
		Pump Intake (ft-bmp)	7.23	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.88				
Sample Time: Label	9:05	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	8:23						
Purge End	9:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:25	0	110	5.73	0.00	7.95	0.70	18.38	9.85	18.1	137.2	Clear, Small Orange Particulates	No Odor
8:30	5	110	5.73	0.15	7.47	0.61	8.71	1.47	18.0	157.9	Clear	No Odor
8:35	5	110	5.91	0.30	7.25	0.57	5.81	1.19	17.9	151.8	Clear	No Odor
8:40	5	110	5.91	0.45	7.23	0.55	3.09	0.98	17.9	105.3	Clear	No Odor
8:45	5	110	5.80	0.60	7.23	0.53	1.72	0.88	17.7	9.4	Clear	No Odor
8:50	5	110	5.80	0.75	7.26	0.53	0.02	0.78	17.7	-19.7	Clear	No Odor
8:55	5	110	5.80	0.90	7.26	0.53	0.02	0.73	17.7	-32.6	Clear	No Odor
9:00	5	110	5.80	1.05	7.27	0.53	0.02	0.71	17.7	-35.2	Clear	No Odor
9:05	5	110	5.80	1.20	7.28	0.53	0.02	0.70	17.7	-38.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-136S			Date	8-18-21
Project Name/Location	Ford LTP			Weather	69.1 degrees F and Fog and Fog/Mist. The wind is blowing N/NE at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.92	Total Depth (ft-bmp)	7.13	Water Column (ft.)	4.21	Gallons in Well	0.68
		Pump Intake (ft-bmp)	4.42	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.44				
Sample Time: Label	8:55	Volume Purged	0.98 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	8:23						
Purge End	9:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:25	0	130	2.92	0.00	7.28	1.57	55.80	2.35	20.0	185.7	Clear	No Odor
8:30	5	130	2.92	0.17	7.04	1.50	49.90	0.85	19.9	18.9	Clear	No Odor
8:35	5	120	3.20	0.34	7.04	1.48	20.80	0.53	19.8	-31.2	Clear, Small White Particulates	No Odor
8:40	5	120	3.24	0.50	7.06	1.46	15.90	0.37	19.7	-49.1	Clear, Small White Particulates	No Odor
8:45	5	120	3.24	0.66	7.06	1.45	1.93	0.23	19.6	-65.2	Clear, Small White Particulates	No Odor
8:50	5	120	3.04	0.82	7.06	1.45	0.97	0.17	19.6	-70.3	Clear, Small White Particulates	No Odor
8:55	5	120	3.08	0.98	7.06	1.45	0.02	0.16	19.5	-70.1	Clear, Small White Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Capitol ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-137S			Date	8-16-21
Project Name/Location	Ford LTP			Weather	64.9 degrees F and Cloudy. The wind is blowing N/NE at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.39	Total Depth (ft-bmp)	7.00	Water Column (ft.)	4.61	Gallons in Well	0.75
		Pump Intake (ft-bmp)	3.89	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.36				
Sample Time: Label	10:51	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:17						
Purge End	10:58						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	125	2.40	0.00	7.16	1.21	5.98	0.63	19.5	28.9	Clear	No Odor
10:25	5	125	2.40	0.17	7.15	1.25	3.34	0.21	19.4	16.9	Clear	No Odor
10:30	5	125	2.40	0.34	7.16	1.25	2.47	0.13	19.4	6.8	Clear	No Odor
10:35	5	125	2.40	0.51	7.16	1.25	1.50	0.12	19.4	-0.8	Clear	No Odor
10:40	5	125	2.40	0.68	7.16	1.24	0.85	0.11	19.4	-5.6	Clear	No Odor
10:45	5	125	2.40	0.85	7.16	1.26	1.06	0.12	19.4	-10.0	Clear	No Odor
10:50	5	125	2.40	1.02	7.16	1.26	0.58	0.11	19.4	-14.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Water over well casing, bailed out water before opening j- plug

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Brewster ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-138S			Date	8-19-21
Project Name/Location	Ford LTP			Weather	72.0 degrees F and Haze. The wind is blowing N/NW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.18	Total Depth (ft-bmp)	5.96	Water Column (ft.)	4.78	Gallons in Well	0.78
		Pump Intake (ft-bmp)	2.68	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.87				
Sample Time: Label	10:06	Volume Purged	1.46 gallons	Replicate/Code No.	DUP-11	Sampled by	Andrew Banitt
Purge Start	9:23						
Purge End	10:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:24	0	140	1.22	0.00	6.55	1.99	0.02	1.10	21.0	124.6	Clear	No Odor
9:29	5	150	1.23	0.18	6.94	2.04	0.02	0.19	20.6	19.4	Clear	No Odor
9:34	5	150	1.23	0.38	7.04	2.11	0.02	0.09	20.5	-8.5	Clear	No Odor
9:39	5	150	1.24	0.58	7.08	2.09	0.02	0.05	20.5	-26.2	Clear	No Odor
9:44	5	125	1.23	0.78	7.09	2.08	0.02	0.04	20.6	-39.6	Clear	No Odor
9:49	5	125	1.23	0.95	7.11	2.07	0.02	0.04	20.8	-48.4	Clear	No Odor
9:54	5	125	1.23	1.12	7.12	2.05	0.02	0.05	20.9	-55.5	Clear	No Odor
9:59	5	125	1.23	1.29	7.12	2.05	0.02	0.04	20.9	-60.3	Clear	No Odor
10:04	5	125	1.23	1.46	7.13	2.03	0.02	0.05	20.9	-63.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-139S			Date	8-10-21
Project Name/Location	Ford LTP			Weather	82.9 degrees F and Mostly Cloudy. The wind is blowing W/SW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.54	Total Depth (ft-bmp)	6.90	Water Column (ft.)	4.36	Gallons in Well	0.71
		Pump Intake (ft-bmp)	4.04	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.20				
Sample Time: Label	13:30	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	12:52						
Purge End	13:32						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:55	0	200	2.57	0.00	7.13	1.28	1.79	0.30	20.2	6.1	Clear	No Odor
13:00	5	200	2.57	0.26	7.02	1.28	1.90	0.21	20.2	-17.7	Clear	No Odor
13:05	5	200	2.57	0.52	7.07	1.28	1.94	0.22	20.4	-35.9	Clear	No Odor
13:10	5	200	2.57	0.78	7.03	1.26	0.69	0.20	19.6	-44.0	Clear	No Odor
13:15	5	200	2.57	1.04	7.07	1.26	0.22	0.17	19.7	-55.6	Clear	No Odor
13:20	5	200	2.57	1.30	7.05	1.26	0.77	0.16	19.6	-60.7	Clear	No Odor
13:25	5	200	2.57	1.56	7.06	1.25	0.57	0.15	19.5	-65.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-140S			Date	8-9-21
Project Name/Location	Ford LTP			Weather	84.9 degrees F and Mostly Cloudy. The wind is blowing S at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.85	Total Depth (ft-bmp)	6.46	Water Column (ft.)	2.61	Gallons in Well	0.42
		Pump Intake (ft-bmp)	5.35	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.71				
Sample Time: Label	14:10	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Emma Witherspoon
Purge Start	13:09						
Purge End	14:13						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:10	0	150	3.92	0.00	7.75	0.39	263.00	5.44	23.0	94.8	Cloudy, White	No Odor
13:15	5	150	3.93	0.20	7.55	0.35	166.00	4.27	21.1	71.7	Cloudy, White	No Odor
13:20	5	150	3.92	0.40	7.39	0.32	99.10	2.55	20.3	68.8	Cloudy, White	No Odor
13:25	5	150	3.92	0.60	7.34	0.31	70.00	1.84	19.7	69.0	Cloudy, White	No Odor
13:30	5	150	3.92	0.80	7.51	0.32	50.00	1.66	20.1	64.8	Cloudy, White	No Odor
13:35	5	150	3.92	1.00	7.52	0.34	34.30	1.38	19.6	72.0	Cloudy, White	No Odor
13:40	5	150	3.92	1.20	7.40	0.37	19.00	1.05	19.3	83.2	Clear	No Odor
13:45	5	150	3.92	1.40	7.39	0.40	13.40	0.84	19.1	85.1	Clear	No Odor
13:50	5	150	3.92	1.60	7.34	0.47	8.46	0.64	18.7	89.8	Clear	No Odor
13:55	5	150	3.92	1.80	7.36	0.49	4.43	0.58	18.5	89.4	Clear	No Odor
14:00	5	150	3.92	2.00	7.38	0.50	3.56	0.52	18.4	88.4	Clear	No Odor
14:05	5	150	3.92	2.20	7.46	0.50	3.59	0.49	18.9	84.4	Clear	No Odor
14:10	5	150	3.92	2.40	7.43	0.51	2.85	0.49	18.4	86.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-141S			Date	8-10-21
Project Name/Location	Ford LTP			Weather	82.9 degrees F and Mostly Cloudy. The wind is blowing W/SW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.62	Total Depth (ft-bmp)	7.68	Water Column (ft.)	2.06	Gallons in Well	0.33
		Pump Intake (ft-bmp)	7.12	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.21				
Sample Time: Label	13:47	Volume Purged	2.05 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	12:44						
Purge End	13:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:45	0	140	5.70	0.00	6.71	0.61	0.02	3.02	18.9	157.7	Clear	No Odor
12:50	5	125	5.74	0.18	6.88	0.59	0.02	1.94	19.0	112.9	Clear	No Odor
12:55	5	125	5.77	0.35	6.95	0.58	0.02	1.46	18.9	98.8	Clear	No Odor
13:00	5	125	5.78	0.52	6.98	0.58	0.02	1.20	18.8	93.2	Clear	No Odor
13:05	5	125	5.79	0.69	6.99	0.59	0.02	1.03	18.7	91.6	Clear	No Odor
13:10	5	125	5.80	0.86	6.99	0.59	0.02	0.91	18.7	90.6	Clear	No Odor
13:15	5	125	5.80	1.03	6.99	0.59	0.02	0.76	18.7	90.0	Clear	No Odor
13:20	5	125	5.80	1.20	7.00	0.59	0.02	0.71	18.7	89.6	Clear	No Odor
13:25	5	125	5.80	1.37	7.00	0.60	0.02	0.66	18.7	89.2	Clear	No Odor
13:30	5	125	5.80	1.54	7.00	0.60	0.02	0.55	18.6	88.9	Clear	No Odor
13:35	5	125	5.80	1.71	7.00	0.60	0.02	0.52	18.5	88.6	Clear	No Odor
13:40	5	125	5.80	1.88	7.00	0.60	0.02	0.45	18.6	88.4	Clear	No Odor
13:45	5	125	5.80	2.05	7.00	0.60	0.02	0.42	18.6	88.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-142S			Date	8-13-21
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Mostly Cloudy. The wind is blowing SW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.59	Total Depth (ft-bmp)	6.75	Water Column (ft.)	3.16	Gallons in Well	0.51
		Pump Intake (ft-bmp)	5.09	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.51				
Sample Time: Label	12:30	Volume Purged	2.3 gallons	Replicate/Code No.	DUP-06	Sampled by	Emma Witherspoon
Purge Start	11:34						
Purge End	12:41						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:35	0	175	3.66	0.00	6.55	0.99	36.30	4.11	20.7	74.1	Cloudy, Small Orange Particulates	No Odor
11:40	5	175	3.66	0.23	6.56	1.00	25.10	3.09	20.7	86.2	Cloudy, Small Orange Particulates	No Odor
11:45	5	175	3.66	0.46	6.57	1.00	14.90	2.68	2.1	98.3	Clear, Small Orange Particulates	No Odor
11:50	5	175	3.66	0.69	6.60	1.01	12.40	2.61	20.5	109.5	Clear, Small Orange Particulates	No Odor
11:55	5	175	3.66	0.92	6.63	1.03	7.78	2.35	20.4	114.4	Clear	No Odor
12:00	5	175	3.66	1.15	6.65	1.04	3.44	2.01	20.4	83.4	Clear	No Odor
12:05	5	175	3.66	1.38	6.67	1.05	3.31	1.81	20.3	55.0	Clear	No Odor
12:10	5	175	3.66	1.61	6.69	1.05	1.03	1.73	20.3	30.9	Clear	No Odor
12:15	5	175	3.66	1.84	6.70	1.05	1.18	1.69	20.2	19.5	Clear	No Odor
12:20	5	175	3.66	2.07	6.71	1.06	1.34	1.63	20.3	13.8	Clear	No Odor
12:25	5	175	3.66	2.30	6.71	1.06	1.01	1.58	20.3	10.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	3.5" = 0.50	4" = 0.65	6" = 1.47

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-192S			Date	8-19-21
Project Name/Location	Ford LTP			Weather	77.0 degrees F and Haze. The wind is blowing NNW at 3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.88	Total Depth (ft-bmp)	7.66	Water Column (ft.)	5.78	Gallons in Well	0.94
		Pump Intake (ft-bmp)	3.38	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.65				
Sample Time: Label	11:18	Volume Purged	1.55 gallons	Replicate/Code No.	MW-192S-MS_081921, MW-192S-MSD_081921	Sampled by	Andrew Banitt
Purge Start	10:35						
Purge End	11:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:36	0	140	1.95	0.00	6.89	0.64	0.02	1.14	21.2	176.2	Clear	No Odor
10:41	5	140	2.03	0.18	7.10	0.65	0.02	0.18	20.8	121.3	Clear	No Odor
10:46	5	140	2.06	0.41	7.13	1.17	0.02	0.22	20.6	111.7	Clear	No Odor
10:51	5	140	2.07	0.64	7.17	1.55	0.02	0.23	20.4	104.0	Clear	No Odor
10:56	5	125	2.01	0.87	7.20	1.88	0.02	0.08	20.5	98.8	Clear	No Odor
11:01	5	125	2.01	1.04	7.22	1.83	0.02	0.09	20.6	94.2	Clear	No Odor
11:06	5	125	2.01	1.21	7.22	1.79	0.02	0.15	20.7	92.6	Clear	No Odor
11:11	5	125	2.01	1.38	7.22	1.75	0.02	0.19	20.7	90.7	Clear	No Odor
11:16	5	125	2.01	1.55	7.22	1.77	0.02	0.20	20.7	88.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-15-61D			Date	11-6-21
Project Name/Location		Ford LTP		Weather	27.0 degrees F. The wind is blowing NE at 1.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	88-93	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	25.21	Total Depth (ft-bmp)	92.90	Water Column (ft.)	67.69	Gallons in Well	11.00
		Pump Intake (ft-bmp)	90.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.43				
Sample Time: Label	9:25	Volume Purged	4.77 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	8:20						
Purge End	9:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:23	0	300	27.14	0.00	7.15	1.39	3.63	0.48	13.9	8.9	Clear	No Odor
8:28	5	300	29.51	0.40	7.24	1.39	2.17	0.60	14.3	-23.1	Clear	No Odor
8:33	5	300	32.33	0.80	7.32	1.38	3.46	0.59	14.6	-52.4	Clear	No Odor
8:38	5	280	33.28	1.20	7.33	1.40	2.10	0.51	13.2	-52.6	Clear	No Odor
8:43	5	300	34.45	1.57	7.33	1.37	2.02	0.59	14.3	-54.9	Clear	No Odor
8:48	5	300	35.22	1.97	7.37	1.38	1.98	0.59	14.4	-56.2	Clear	No Odor
8:53	5	300	36.98	2.37	7.30	1.37	3.03	0.55	14.1	-50.3	Clear	No Odor
8:58	5	300	37.65	2.77	7.41	1.39	4.58	0.51	14.5	-45.8	Clear	No Odor
9:03	5	300	38.65	3.17	7.38	1.39	4.98	0.52	14.5	-44.2	Clear	No Odor
9:08	5	300	40.60	3.57	7.35	1.38	4.85	0.52	14.6	-38.6	Clear	No Odor
9:13	5	300	42.15	3.97	7.35	1.37	5.12	0.43	14.6	-37.2	Clear	No Odor
9:18	5	300	43.36	4.37	7.30	1.37	6.09	0.37	14.6	-30.7	Clear	No Odor
9:23	5	300	45.54	4.77	7.35	1.37	5.89	0.45	14.8	-32.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-30			Date	11-6-21
Project Name/Location		Ford LTP		Weather	43.0 degrees F. The wind is blowing SSW at 8.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19-24	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.75	Total Depth (ft-bmp)	24.70	Water Column (ft.)	15.95	Gallons in Well	2.59
		Pump Intake (ft-bmp)	21.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.46				
Sample Time: Label	12:40	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	12:02						
Purge End	12:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:05	0	150	9.12	0.00	7.44	5.62	12.70	1.23	16.4	-118.8	Clear, Small Orange Particulates	No Odor
12:10	5	150	9.51	0.20	7.50	5.63	11.50	0.53	16.3	-138.4	Clear, Small Orange Particulates	No Odor
12:15	5	150	9.56	0.40	7.51	5.61	7.26	0.32	16.5	-147.6	Clear	No Odor
12:20	5	150	9.55	0.60	7.52	5.63	6.44	0.26	16.1	-149.0	Clear	No Odor
12:25	5	150	9.54	0.80	7.49	5.60	2.20	0.22	15.9	-147.5	Clear	No Odor
12:30	5	150	9.53	1.00	7.48	5.59	0.99	0.22	15.9	-144.4	Clear	No Odor
12:35	5	150	9.53	1.20	7.48	5.58	0.49	0.17	15.9	-147.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-31			Date	11-6-21
Project Name/Location		Ford LTP		Weather	28.0 degrees F and Clear.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.95	Total Depth (ft-bmp)	21.65	Water Column (ft.)	12.70	Gallons in Well	2.06
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.38				
Sample Time: Label	10:37	Volume Purged	0.78 gallons	Replicate/Code No.	MW-31-MS_110621, MW-31-MSD_110621	Sampled by	Kara Donahue
Purge Start	10:01						
Purge End	10:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:05	0	100	9.02	0.00	7.29	16.47	3.97	1.39	15.1	39.9	Clear	Faint Odor
10:10	5	100	9.02	0.13	7.32	16.44	4.17	0.86	15.6	29.7	Clear	Faint Odor
10:15	5	100	9.02	0.26	7.32	16.42	4.14	0.62	15.8	25.4	Clear	No Odor
10:20	5	100	9.02	0.39	7.31	16.34	3.35	0.46	15.9	21.8	Clear	No Odor
10:25	5	100	9.02	0.52	7.31	16.30	3.63	0.33	16.0	19.1	Clear	No Odor
10:30	5	100	9.02	0.65	7.31	16.25	3.47	0.29	16.1	16.5	Clear	No Odor
10:35	5	100	9.02	0.78	7.30	16.14	3.12	0.25	16.0	14.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	On-site, SE	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-32			Date	11-16-21
Project Name/Location		Ford LTP		Weather	41.0 degrees F and Mostly Cloudy. The wind is blowing SSE at 1.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	18-23	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.65	Total Depth (ft-bmp)	22.82	Water Column (ft.)	14.17	Gallons in Well	2.30
		Pump Intake (ft-bmp)	20.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.85				
Sample Time: Label	14:25	Volume Purged	1.95 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	13:36						
Purge End	14:29						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:38	0	175	8.93	0.00	6.43	2.35	12.70	3.25	14.4	180.5	Clear	No Odor
13:43	5	175	9.11	0.23	6.79	2.35	9.94	0.39	15.1	52.7	Clear	No Odor
13:48	5	175	9.13	0.46	6.95	2.35	8.43	0.14	15.1	2.3	Clear	No Odor
13:53	5	175	9.13	0.69	7.06	2.36	7.05	0.10	15.0	-23.7	Clear	No Odor
13:58	5	175	9.14	0.92	7.13	2.39	3.38	0.05	14.8	-42.5	Clear	No Odor
14:03	5	175	9.05	1.15	7.17	2.40	2.72	0.09	14.6	-55.9	Clear	No Odor
14:08	5	175	9.15	1.38	7.21	2.42	1.90	0.05	14.7	-66.5	Clear	No Odor
14:13	5	175	8.94	1.61	7.21	2.43	1.97	0.08	14.2	-71.6	Clear	No Odor
14:18	5	175	8.92	1.78	7.22	2.44	2.40	0.09	14.0	-75.2	Clear	No Odor
14:23	5	175	8.91	1.95	7.24	2.45	1.43	0.08	14.2	-79.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-33			Date	11-15-21
Project Name/Location	Ford LTP			Weather	39.0 degrees F and Cloudy. The wind is blowing W at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.26	Total Depth (ft-bmp)	18.70	Water Column (ft.)	11.44	Gallons in Well	1.86
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.99				
Sample Time: Label	15:52	Volume Purged	1.84 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	15:10						
Purge End	15:57						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:11	0	175	7.45	0.00	6.22	0.38	4.10	6.42	13.8	143.0	Clear	No Odor
15:16	5	175	7.51	0.23	6.98	2.22	3.86	0.87	15.3	110.0	Clear	No Odor
15:21	5	175	7.51	0.46	7.02	2.94	3.52	0.21	15.3	21.7	Clear	No Odor
15:26	5	175	7.51	0.69	7.07	3.09	3.44	0.13	15.3	-10.6	Clear	No Odor
15:31	5	175	7.51	0.92	7.09	3.18	2.84	0.11	15.2	-27.7	Clear	No Odor
15:36	5	175	7.51	1.15	7.10	3.21	2.52	0.12	15.3	-37.4	Clear	No Odor
15:41	5	175	7.51	1.38	7.13	3.29	2.14	0.19	15.4	-46.0	Clear	No Odor
15:46	5	175	7.51	1.61	7.11	3.30	2.36	0.09	15.3	-49.2	Clear	No Odor
15:51	5	175	7.51	1.84	7.12	3.30	2.09	0.07	15.3	-54.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Onsite, South	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-34			Date	11-13-21
Project Name/Location		Ford LTP		Weather	41.0 degrees F and Cloudy. The wind is blowing SW at 17.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.5-21.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.28	Total Depth (ft-bmp)	21.25	Water Column (ft.)	12.97	Gallons in Well	2.11
		Pump Intake (ft-bmp)	19.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.48				
Sample Time: Label	12:56	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:22						
Purge End	13:01						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:25	0	125	8.68	0.00	7.14	12.96	2.52	0.70	15.9	-85.2	Clear	No Odor
12:30	5	125	8.75	0.17	7.15	12.94	1.93	0.40	15.9	-88.6	Clear	No Odor
12:35	5	125	8.78	0.34	7.16	12.88	2.23	0.33	16.2	-90.4	Clear	No Odor
12:40	5	125	8.78	0.51	7.16	12.84	1.71	0.28	16.1	-91.2	Clear	No Odor
12:45	5	125	8.78	0.68	7.16	12.71	1.26	0.22	16.2	-92.6	Clear	No Odor
12:50	5	125	8.83	0.85	7.16	12.64	1.34	0.22	16.6	-93.3	Clear	No Odor
12:55	5	125	8.83	1.02	7.16	12.56	1.23	0.21	16.6	-93.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Onsite, East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-35			Date	11-6-21
Project Name/Location		Ford LTP		Weather	40.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.5-24.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.04	Total Depth (ft-bmp)	24.47	Water Column (ft.)	17.43	Gallons in Well	2.83
		Pump Intake (ft-bmp)	22.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.41				
Sample Time: Label	9:42	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	9:00						
Purge End	9:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:05	0	130	7.04	0.00	7.76	5.45	0.02	10.00	15.8	-132.2	Clear	Faint Odor
9:10	5	130	7.65	0.17	7.64	5.54	4.70	7.72	16.2	-156.8	Clear	Faint Odor
9:15	5	120	7.65	0.34	7.62	5.55	20.70	7.43	15.8	-174.9	Clear	No Odor
9:20	5	120	7.65	0.50	7.63	5.53	14.50	7.10	15.7	-185.3	Clear	No Odor
9:25	5	130	7.53	0.66	7.64	5.53	11.70	6.73	15.8	-194.9	Clear	Faint Odor
9:30	5	130	7.53	0.83	7.64	5.49	4.97	6.46	15.7	-198.2	Clear	No Odor
9:35	5	130	7.53	1.00	7.64	5.45	4.61	6.23	15.5	-200.8	Clear	No Odor
9:40	5	130	7.53	1.17	7.65	5.46	4.27	5.95	15.6	-200.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	On-site; East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-38			Date	11-17-21
Project Name/Location	Ford LTP			Weather	57.9 degrees F and Haze. The wind is blowing S at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.42	Total Depth (ft-bmp)	19.52	Water Column (ft.)	12.10	Gallons in Well	1.97
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.81				
Sample Time: Label	11:50	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	11:09						
Purge End	11:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	150	7.68	0.00	7.45	4.18	6.59	1.23	16.4	-20.2	Clear	No Odor
11:15	5	150	7.68	0.20	7.45	3.95	5.53	0.45	16.4	-31.8	Clear	No Odor
11:20	5	150	7.68	0.40	7.45	3.91	4.09	0.21	16.4	-50.8	Clear	No Odor
11:25	5	150	7.68	0.60	7.46	3.88	3.86	0.13	16.4	-67.4	Clear	No Odor
11:30	5	150	7.68	0.80	7.45	3.92	3.53	0.13	16.4	-73.8	Clear	No Odor
11:35	5	150	7.68	1.00	7.45	3.86	2.99	0.14	16.4	-82.1	Clear	No Odor
11:40	5	150	7.68	1.20	7.43	3.84	2.61	0.21	16.4	-92.3	Clear	No Odor
11:45	5	150	7.68	1.40	7.43	3.83	2.55	0.22	16.4	-93.6	Clear	No Odor
11:50	5	150	7.68	1.60	7.42	3.83	3.47	0.23	16.4	-97.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-39			Date	11-9-21
Project Name/Location		Ford LTP		Weather	57.0 degrees F and Cloudy. The wind is blowing E at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.5-24.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.97	Total Depth (ft-bmp)	24.13	Water Column (ft.)	14.16	Gallons in Well	2.30
		Pump Intake (ft-bmp)	22.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.06				
Sample Time: Label	14:05	Volume Purged	2.43 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	13:02						
Purge End	14:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:04	0	200	9.99	0.00	6.68	2.79	0.02	0.93	17.2	235.2	Clear	No Odor
13:09	5	200	9.99	0.26	7.07	3.22	0.84	0.24	17.4	215.9	Clear	No Odor
13:14	5	200	10.00	0.49	7.10	3.20	0.96	0.20	17.2	204.0	Clear	No Odor
13:19	5	200	10.01	0.72	7.12	3.19	0.50	0.14	17.3	184.7	Clear	No Odor
13:24	5	200	10.01	0.98	7.12	3.18	0.52	0.12	17.2	155.4	Clear	No Odor
13:29	5	125	9.99	1.24	7.12	3.16	2.29	0.16	17.1	137.9	Clear	No Odor
13:34	5	125	9.99	1.41	7.13	3.18	0.88	0.15	17.0	116.1	Clear	No Odor
13:39	5	125	9.99	1.58	7.13	3.18	0.23	0.11	17.1	100.4	Clear	No Odor
13:44	5	125	9.99	1.75	7.14	3.18	0.43	0.08	17.2	84.2	Clear	No Odor
13:49	5	125	9.99	1.92	7.14	3.18	0.58	0.08	17.1	71.4	Clear	No Odor
13:54	5	125	9.99	2.09	7.14	3.17	1.06	0.10	17.1	61.5	Clear	No Odor
13:59	5	125	9.99	2.26	7.15	3.17	0.86	0.08	17.2	54.2	Clear	No Odor
14:04	5	125	9.99	2.43	7.14	3.18	0.37	0.10	17.1	49.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	On-site, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-40			Date	11-6-21
Project Name/Location		Ford LTP		Weather	28.0 degrees F and Clear.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.87	Total Depth (ft-bmp)	19.62	Water Column (ft.)	10.75	Gallons in Well	1.75
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.59				
Sample Time: Label	9:27	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	8:42						
Purge End	9:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:45	0	100	9.00	0.00	7.13	15.92	1.57	1.72	15.0	138.5	Clear	Faint Odor
8:50	5	100	9.04	0.13	7.23	16.12	3.07	1.09	15.7	80.8	Clear	Faint Odor
8:55	5	100	8.93	0.26	7.24	16.35	4.17	0.59	15.7	63.2	Clear	Faint Odor
9:00	5	100	8.93	0.39	7.24	16.43	3.00	0.42	15.9	53.7	Clear	No Odor
9:05	5	100	8.93	0.52	7.23	16.42	3.27	0.42	15.7	47.7	Clear	No Odor
9:10	5	100	8.93	0.65	7.24	16.56	2.82	0.40	15.9	41.1	Clear	No Odor
9:15	5	100	8.93	0.78	7.24	16.61	2.03	0.36	16.1	36.1	Clear	No Odor
9:20	5	100	8.93	0.91	7.24	16.65	1.88	0.28	16.3	30.7	Clear	No Odor
9:25	5	100	8.93	1.04	7.23	16.65	0.90	0.21	16.5	26.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	On-site, SE	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-41			Date	11-6-21
Project Name/Location		Ford LTP		Weather	34.0 degrees F and Sunny. The wind is blowing SSW at 2.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.14	Total Depth (ft-bmp)	20.86	Water Column (ft.)	12.72	Gallons in Well	2.07
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.01				
Sample Time: Label	10:40	Volume Purged	2.1 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	9:43						
Purge End	10:43						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:56	0	200	8.33	0.00	7.71	12.95	22.50	0.67	16.7	-175.2	Small Red Particulates	No Odor
10:01	5	200	8.36	0.26	7.38	13.66	21.10	0.21	17.0	-136.0	Small Red Particulates	No Odor
10:06	5	200	8.36	0.52	7.30	13.66	13.80	0.15	17.0	-124.3	Small Red Particulates	No Odor
10:11	5	209	8.37	0.78	7.28	13.69	12.10	0.14	16.9	-120.6	Clear	No Odor
10:16	5	200	8.38	1.06	7.27	13.78	13.10	0.08	17.0	-118.6	Small Red Particulates	No Odor
10:21	5	200	8.38	1.32	7.26	13.81	9.67	0.06	17.0	-117.6	Small Red Particulates	No Odor
10:26	5	200	8.38	1.58	7.26	13.81	7.68	0.05	16.9	-116.7	Small White Particulates	No Odor
10:31	5	200	8.38	1.84	7.26	13.83	6.97	0.04	17.0	-116.2	Clear, Small White Particulates	No Odor
10:36	5	200	8.38	2.10	7.25	13.80	7.43	0.03	16.9	-115.4	Small White Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-42			Date	11-6-21
Project Name/Location		Ford LTP		Weather	27.0 degrees F. The wind is blowing SSW at 5.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.66	Total Depth (ft-bmp)	20.45	Water Column (ft.)	12.79	Gallons in Well	2.08
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.58				
Sample Time: Label	10:50	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	10:17						
Purge End	10:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:19	0	150	7.95	0.00	6.86	21.11	2.52	2.81	16.3	-85.5	Clear	No Odor
10:24	5	150	7.91	0.20	7.09	22.79	5.28	1.53	15.6	-94.3	Clear	No Odor
10:29	5	150	7.89	0.40	7.10	25.40	3.76	1.31	15.8	-97.2	Clear	No Odor
10:34	5	150	7.84	0.60	7.12	26.46	2.85	1.23	15.2	-100.5	Clear	No Odor
10:39	5	150	7.81	0.80	7.13	26.49	4.44	1.18	15.1	-101.7	Clear	No Odor
10:44	5	150	7.81	1.00	7.13	26.54	4.70	1.12	15.0	-102.9	Clear	No Odor
10:49	5	150	7.81	1.20	7.13	26.42	4.89	1.12	14.9	-104.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-43			Date	11-6-21
Project Name/Location		Ford LTP		Weather	40.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.75	Total Depth (ft-bmp)	21.75	Water Column (ft.)	15.00	Gallons in Well	2.44
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.52				
Sample Time: Label	12:57	Volume Purged	1.26 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	12:19						
Purge End	13:02						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	140	6.75	0.00	7.36	14.43	38.50	3.84	17.2	-117.8	Clear, Small Black Particulates	Faint Odor
12:25	5	140	6.75	0.18	7.34	14.50	38.20	2.58	16.9	-121.6	Clear, Small Black Particulates	Faint Odor
12:30	5	140	7.03	0.36	7.34	14.50	18.40	2.17	17.3	-129.7	Clear, Small Black Particulates	Faint Odor
12:35	5	140	7.03	0.54	7.35	14.42	11.70	0.43	17.3	-134.6	Clear, Small Orange Particulates	Faint Odor
12:40	5	140	7.03	0.72	7.35	14.32	8.42	0.22	17.2	-136.8	Clear, Small Black Particulates	No Odor
12:45	5	140	7.03	0.90	7.35	14.33	3.93	0.17	17.3	-136.8	Clear, Small Orange Particulates	No Odor
12:50	5	140	7.03	1.08	7.35	14.36	2.81	0.16	17.5	-137.3	Clear	No Odor
12:55	5	140	7.03	1.26	7.35	14.41	4.17	0.15	17.5	-137.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-45			Date	11-16-21
Project Name/Location		Ford LTP		Weather	40.0 degrees F and Partly Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.15	Total Depth (ft-bmp)	19.67	Water Column (ft.)	9.52	Gallons in Well	1.55
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.01				
Sample Time: Label	14:51	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:47						
Purge End	15:03						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:50	0	100	10.18	0.00	7.24	3.82	14.70	0.62	17.4	-80.8	Turbid	Faint Odor
13:55	5	100	10.18	0.13	7.23	4.21	10.20	1.37	17.6	-79.7	Clear	Slight Odor
14:00	5	100	10.20	0.26	7.21	4.54	7.75	1.12	17.5	-76.1	Clear	Slight Odor
14:05	5	100	10.20	0.39	7.21	4.56	7.32	0.74	17.4	-75.6	Clear	Faint Odor
14:10	5	100	10.20	0.52	7.21	4.65	5.72	1.06	17.5	-74.8	Clear	Faint Odor
14:15	5	100	10.20	0.65	7.20	4.71	7.17	0.99	17.5	-74.7	Clear	Faint Odor
14:20	5	100	10.20	0.78	7.20	4.73	7.05	0.66	17.5	-74.3	Clear	Faint Odor
14:25	5	100	10.20	0.91	7.21	4.76	6.90	0.42	17.1	-74.2	Clear	Faint Odor
14:30	5	100	10.20	1.04	7.20	4.75	5.53	0.27	17.2	-73.7	Clear	Faint Odor
14:35	5	100	10.20	1.17	7.21	4.74	5.98	0.46	17.1	-73.9	Clear	Faint Odor
14:40	5	100	10.20	1.30	7.21	4.73	5.26	0.33	16.9	-74.1	Clear	Faint Odor
14:45	5	100	10.20	1.43	7.22	4.73	4.59	0.30	17.3	-73.8	Clear	Faint Odor
14:50	5	100	10.20	1.56	7.21	4.73	4.85	0.35	17.4	-74.4	Clear	Faint Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Onsite, South	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-46			Date	11-16-21
Project Name/Location		Ford LTP		Weather	37.0 degrees F and Haze. The wind is blowing NE at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.40	Total Depth (ft-bmp)	19.64	Water Column (ft.)	10.24	Gallons in Well	1.66
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.94				
Sample Time: Label	11:41	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:38						
Purge End	11:52						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	100	9.80	0.00	6.88	2.01	36.80	0.69	16.8	10.7	Small Black Particulates, Turbid	Faint Odor
10:45	5	100	9.86	0.13	7.22	2.67	27.80	0.47	17.0	-38.3	Small Brown Particulates, Turbid	Faint Odor
10:50	5	100	9.92	0.26	7.41	3.70	20.20	0.48	17.3	-80.0	Small Brown Particulates, Turbid	Faint Odor
10:55	5	100	9.93	0.39	7.47	4.53	17.60	0.41	17.0	-98.5	Clear, Small Brown Particulates	Faint Odor
11:00	5	100	9.95	0.52	7.49	5.30	16.20	0.34	17.4	-109.2	Clear, Small Brown Particulates	Faint Odor
11:05	5	100	9.95	0.65	7.50	5.69	13.70	0.30	17.0	-111.4	Clear, Small Brown Particulates	Faint Odor
11:10	5	100	9.85	0.78	7.51	6.11	20.00	0.26	17.1	-117.4	Clear, Small Brown Particulates	Faint Odor
11:15	5	100	9.85	0.91	7.51	6.49	19.10	0.25	16.9	-119.1	Clear, Small Brown Particulates	Faint Odor
11:20	5	100	9.85	1.04	7.51	6.94	11.90	0.22	16.7	-117.7	Clear	Faint Odor
11:25	5	100	9.85	1.17	7.50	7.08	9.60	0.23	16.8	-117.3	Clear	Faint Odor
11:30	5	100	9.85	1.30	7.49	7.40	6.56	0.23	17.3	-116.0	Clear	Faint Odor
11:35	5	100	9.85	1.43	7.49	7.67	4.92	0.20	17.6	-115.7	Clear	Faint Odor
11:40	5	100	9.85	1.56	7.49	7.91	4.18	0.19	17.7	-114.8	Clear	Faint Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, South East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-47			Date	11-12-21
Project Name/Location	Ford LTP			Weather	50.0 degrees F and Mostly Cloudy. The wind is blowing S/SW at 16.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.86	Total Depth (ft-bmp)	20.05	Water Column (ft.)	11.19	Gallons in Well	1.82
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.26				
Sample Time: Label	12:25	Volume Purged	2.3 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	11:32						
Purge End	12:29						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:33	0	175	9.04	0.00	6.37	4.82	8.46	2.00	18.4	204.5	Clear	No Odor
11:38	5	175	9.08	0.23	7.11	6.30	6.19	0.20	18.7	150.0	Clear	No Odor
11:43	5	175	9.08	0.46	7.13	6.33	5.38	0.13	18.5	115.2	Clear	No Odor
11:48	5	175	9.08	0.69	7.10	6.33	5.44	0.10	18.5	69.3	Clear	No Odor
11:53	5	175	9.08	0.92	7.11	6.37	5.09	0.09	18.5	28.0	Clear	No Odor
11:58	5	175	9.08	1.15	7.13	6.37	4.96	0.07	18.4	3.0	Clear	No Odor
12:03	5	175	9.08	1.38	7.15	6.37	4.57	0.05	18.5	-13.6	Clear	No Odor
12:08	5	175	9.08	1.61	7.16	6.37	3.83	0.03	18.5	-24.0	Clear	No Odor
12:13	5	175	9.08	1.84	7.17	6.38	4.12	0.03	18.6	-31.3	Clear	No Odor
12:18	5	175	9.08	2.07	7.17	6.38	3.09	0.03	18.6	-36.3	Clear	No Odor
12:23	5	175	9.08	2.30	7.18	6.37	3.28	0.02	18.6	-41.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Onsite, South	Well Locked at Arrival:	n/a
Condition of Well:	Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-50			Date	11-16-21
Project Name/Location		Ford LTP		Weather	27.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.89	Total Depth (ft-bmp)	18.51	Water Column (ft.)	11.62	Gallons in Well	1.89
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.83				
Sample Time: Label	9:55	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	8:45						ST
Purge End	10:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:50	0	100	6.89	0.00	7.70	0.60	21.60	3.38	15.0	72.7	Clear	No Odor
8:55	5	100	6.90	0.13	7.61	0.73	18.40	3.12	14.9	46.1	Clear	No Odor
9:00	5	100	6.90	0.26	7.51	0.96	15.60	2.56	14.7	17.5	Clear	No Odor
9:05	5	100	6.91	0.39	7.48	1.09	11.60	1.90	14.9	-5.6	Clear	No Odor
9:10	5	100	6.91	0.52	7.44	1.35	3.63	1.45	15.0	-16.4	Clear	No Odor
9:15	5	100	6.91	0.65	7.31	2.19	0.02	0.56	15.6	-28.9	Clear	No Odor
9:20	5	100	6.91	0.78	7.31	2.24	0.02	0.52	15.6	-29.3	Clear	No Odor
9:25	5	100	6.91	0.91	7.27	2.60	0.02	0.36	15.8	-32.2	Clear	No Odor
9:30	5	100	6.91	1.04	7.25	2.69	0.02	0.30	15.8	-33.0	Clear	No Odor
9:35	5	100	6.91	1.17	7.22	2.94	0.02	0.20	15.8	-33.2	Clear	No Odor
9:40	5	100	6.91	1.30	7.20	3.17	0.02	0.14	16.0	-33.5	Clear	No Odor
9:45	5	100	6.91	1.43	7.19	3.34	0.02	0.11	15.1	-34.1	Clear	No Odor
9:50	5	100	6.91	1.56	7.19	3.38	0.02	0.11	15.2	-33.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-52			Date	11-13-21
Project Name/Location		Ford LTP		Weather	42.1 degrees F and Cloudy. The wind is blowing W at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.98	Total Depth (ft-bmp)	19.73	Water Column (ft.)	12.75	Gallons in Well	2.07
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.99				
Sample Time: Label	14:26	Volume Purged	2.04 gallons	Replicate/Code No.	DUP-04	Sampled by	Gary Schafer
Purge Start	13:22						
Purge End	14:37						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:25	0	125	6.98	0.00	7.30	5.89	14.00	0.20	16.4	-117.1	Clear	No Odor
13:30	5	125	6.99	0.17	7.28	5.90	12.30	0.19	16.6	-121.0	Clear	No Odor
13:35	5	125	7.02	0.34	7.29	6.00	11.70	0.16	16.5	-119.8	Clear	No Odor
13:40	5	125	7.02	0.51	7.29	6.13	10.70	0.17	16.6	-123.7	Clear	No Odor
13:45	5	125	7.02	0.68	7.29	6.30	11.70	0.15	16.6	-121.0	Clear	No Odor
13:50	5	125	7.02	0.85	7.29	6.33	12.10	0.17	16.6	-122.8	Clear	No Odor
13:55	5	125	7.02	1.02	7.30	6.41	9.70	0.16	16.6	-122.7	Clear	No Odor
14:00	5	125	7.02	1.19	7.29	6.48	13.00	0.14	16.5	-122.9	Clear	No Odor
14:05	5	125	7.02	1.36	7.29	6.50	11.20	0.13	16.6	-123.3	Clear	No Odor
14:10	5	125	7.02	1.53	7.29	6.54	12.10	0.14	16.6	-122.6	Clear	No Odor
14:15	5	125	7.02	1.70	7.29	6.53	9.80	0.15	16.6	-123.1	Clear	No Odor
14:20	5	125	7.02	1.87	7.30	6.56	13.20	0.13	16.5	-121.0	Clear	No Odor
14:25	5	125	7.02	2.04	7.29	6.57	10.40	0.14	16.5	-123.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-53			Date	11-16-21
Project Name/Location	Ford LTP			Weather	30.9 degrees F and Fog/Mist.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.53	Total Depth (ft-bmp)	20.82	Water Column (ft.)	14.29	Gallons in Well	2.32
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.60				
Sample Time: Label	10:15	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	9:39						
Purge End	10:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:40	0	150	7.12	0.00	6.93	7.27	2.10	2.97	14.7	163.1	Clear	Slight Odor
9:45	5	150	7.12	0.20	7.06	8.33	3.10	0.58	14.8	143.6	Clear	Slight Odor
9:50	5	150	7.12	0.40	7.13	8.23	2.54	0.24	15.1	130.5	Clear	Slight Odor
9:55	5	150	7.12	0.60	7.17	8.08	2.48	0.16	15.2	115.1	Clear	Slight Odor
10:00	5	150	7.12	0.80	7.21	8.00	2.13	0.29	15.2	104.7	Clear	Slight Odor
10:05	5	150	7.12	1.00	7.22	8.00	1.32	0.17	15.2	95.4	Clear	Slight Odor
10:10	5	150	7.12	1.20	7.23	7.97	1.09	0.15	15.2	92.1	Clear	Slight Odor
10:15	5	150	7.12	1.40	7.23	7.94	1.47	0.12	15.3	87.8	Clear	Slight Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-54			Date	11-18-21
Project Name/Location		Ford LTP		Weather	41.0 degrees F and Mostly Cloudy/Windy. The wind is blowing W at 19.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.40	Total Depth (ft-bmp)	20.85	Water Column (ft.)	14.45	Gallons in Well	2.35
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.72				
Sample Time: Label	12:56	Volume Purged	1.7 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:03						
Purge End	13:11						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:05	0	125	7.00	0.00	7.38	11.86	16.80	0.48	13.9	-112.7	Clear	No Odor
12:10	5	125	7.02	0.17	7.40	11.75	12.30	0.29	14.0	-118.0	Clear	No Odor
12:15	5	125	7.02	0.34	7.40	11.63	9.94	0.19	13.9	-120.2	Clear	No Odor
12:20	5	125	7.02	0.51	7.39	11.53	8.84	0.19	14.0	-121.5	Clear	No Odor
12:25	5	125	7.02	0.68	7.39	11.50	6.91	0.18	14.0	-122.1	Clear	No Odor
12:30	5	125	7.02	0.85	7.39	11.47	6.12	0.21	13.8	-123.1	Clear	No Odor
12:35	5	125	7.03	1.02	7.40	11.46	5.96	0.17	13.7	-123.6	Clear	No Odor
12:40	5	125	7.03	1.19	7.40	11.47	5.03	0.14	13.8	-124.4	Clear	No Odor
12:45	5	125	7.03	1.36	7.40	11.48	4.36	0.12	14.0	-124.9	Clear	No Odor
12:50	5	125	7.03	1.53	7.40	11.48	3.96	0.13	14.2	-125.4	Clear	No Odor
12:55	5	125	7.03	1.70	7.40	11.54	3.48	0.12	14.1	-125.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, North	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-54S			Date	11-18-21
Project Name/Location		Ford LTP		Weather	42.1 degrees F and Mostly Cloudy. The wind is blowing W/SW at 18.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.90	Total Depth (ft-bmp)	9.21	Water Column (ft.)	3.31	Gallons in Well	0.54
		Pump Intake (ft-bmp)	7.40	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.89				
Sample Time: Label	11:31	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:28						
Purge End	11:42						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	100	6.00	0.00	7.22	0.47	64.90	1.32	13.4	57.1	Turbid	No Odor
10:35	5	100	6.12	0.13	7.26	0.46	54.70	1.28	13.2	31.9	Turbid	No Odor
10:40	5	100	6.22	0.26	7.31	0.45	57.30	1.37	12.5	21.9	Turbid	No Odor
10:45	5	100	6.35	0.39	7.36	0.44	36.40	1.55	13.2	11.5	Turbid	No Odor
10:50	5	100	6.43	0.52	7.40	0.44	37.80	1.58	13.4	10.3	Turbid	No Odor
10:55	5	100	6.53	0.65	7.47	0.44	26.20	1.54	13.5	5.0	Turbid	No Odor
11:00	5	100	6.58	0.78	7.44	0.44	22.40	1.57	13.3	2.5	Clear	No Odor
11:05	5	100	6.63	0.91	7.41	0.44	20.10	1.47	13.3	4.2	Clear	No Odor
11:10	5	100	6.73	1.04	7.39	0.44	19.80	1.41	13.3	2.4	Clear	No Odor
11:15	5	100	6.79	1.17	7.41	0.44	22.80	1.33	13.1	-2.0	Clear	No Odor
11:20	5	100	6.90	1.30	7.38	0.45	22.00	1.22	13.1	-3.7	Clear	No Odor
11:25	5	100	7.05	1.43	7.38	0.46	23.10	1.29	13.2	-10.3	Clear	No Odor
11:30	5	100	7.15	1.56	7.40	0.47	21.20	1.04	13.2	-15.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, North	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-55			Date	11-17-21
Project Name/Location		Ford LTP		Weather	57.9 degrees F and Haze. The wind is blowing S at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.60	Total Depth (ft-bmp)	19.73	Water Column (ft.)	12.13	Gallons in Well	1.97
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.60				
Sample Time: Label	12:11	Volume Purged	1.19 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:32						
Purge End	12:21						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:35	0	125	7.60	0.00	7.43	10.35	16.80	0.98	18.2	-98.0	Turbid	Slight Odor
11:40	5	125	7.60	0.17	7.43	10.37	7.16	0.40	18.3	-107.9	Clear	Faint Odor
11:45	5	125	7.61	0.34	7.44	10.48	9.72	0.28	18.4	-111.8	Clear	Slight Odor
11:50	5	125	7.61	0.51	7.44	10.59	6.06	0.21	18.4	-113.9	Clear	Slight Odor
11:55	5	125	7.61	0.68	7.45	10.71	5.04	0.19	18.4	-115.7	Clear	Slight Odor
12:00	5	125	7.61	0.85	7.46	10.78	3.83	0.16	18.4	-117.7	Clear	Slight Odor
12:05	5	125	7.61	1.02	7.46	10.86	3.99	0.16	18.4	-118.0	Clear	Slight Odor
12:10	5	125	7.61	1.19	7.47	10.90	2.96	0.15	18.3	-118.8	Clear	Slight Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, North	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-55D			Date	11-17-21
Project Name/Location		Ford LTP		Weather	61.0 degrees F and Light Rain. The wind is blowing S/SW at 17.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19-24	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.68	Total Depth (ft-bmp)	23.60	Water Column (ft.)	15.92	Gallons in Well	2.59
		Pump Intake (ft-bmp)	21.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.66				
Sample Time: Label	13:26	Volume Purged	1.7 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:33						
Purge End	13:37						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:35	0	125	7.80	0.00	7.36	8.65	20.40	0.81	18.1	-87.1	Turbid	Faint Odor
12:40	5	125	7.80	0.17	7.36	8.56	12.40	0.43	18.1	-99.8	Clear	Faint Odor
12:45	5	125	7.81	0.34	7.35	8.49	6.88	0.29	18.1	-106.0	Clear	Faint Odor
12:50	5	125	7.82	0.51	7.34	8.50	5.72	0.22	18.1	-110.1	Clear	Faint Odor
12:55	5	125	7.82	0.68	7.34	8.50	5.51	0.23	18.0	-110.6	Clear	Faint Odor
13:00	5	125	7.83	0.85	7.34	8.53	5.29	0.15	18.0	-112.0	Clear	Faint Odor
13:05	5	125	7.83	1.02	7.35	8.56	5.85	0.13	18.0	-113.5	Clear	Faint Odor
13:10	5	125	7.83	1.19	7.35	8.62	5.72	0.13	18.0	-116.0	Clear	Faint Odor
13:15	5	125	7.83	1.36	7.35	8.64	4.51	0.11	18.0	-116.8	Clear	Faint Odor
13:20	5	125	7.83	1.53	7.35	8.68	3.55	0.12	18.0	-118.1	Clear	Faint Odor
13:25	5	125	7.83	1.70	7.35	8.72	3.59	0.09	18.0	-119.6	Clear	Faint Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, North	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-57			Date	11-18-21
Project Name/Location	Ford LTP			Weather	41.0 degrees F and Mostly Cloudy/Windy. The wind is blowing W at 19.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.45	Total Depth (ft-bmp)	21.68	Water Column (ft.)	15.23	Gallons in Well	2.47
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.97				
Sample Time: Label	12:35	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	11:34						
Purge End	12:42						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:35	0	150	6.89	0.00	10.77	8.02	6.09	3.05	15.8	93.0	Clear	No Odor
11:40	5	150	6.89	0.20	10.53	7.52	12.50	0.97	15.7	83.6	Clear	No Odor
11:45	5	150	6.89	0.40	10.40	7.28	12.40	2.41	16.3	82.2	Clear	No Odor
11:50	5	150	6.89	0.60	8.96	10.46	14.20	0.84	16.6	92.4	Clear	No Odor
11:55	5	150	6.89	0.80	8.90	10.53	16.20	0.81	16.5	92.3	Clear	No Odor
12:00	5	150	6.89	1.00	8.85	10.62	13.10	0.75	16.4	92.6	Clear	No Odor
12:05	5	150	6.89	1.20	8.81	10.67	11.10	0.71	16.3	92.9	Clear	No Odor
12:10	5	150	6.89	1.40	8.49	10.92	12.30	0.49	16.3	93.1	Clear	No Odor
12:15	5	150	6.89	1.60	8.34	11.08	14.70	0.40	16.4	93.3	Clear	No Odor
12:20	5	150	6.89	1.80	8.16	11.11	10.20	0.28	16.1	89.4	Clear	No Odor
12:25	5	150	6.89	2.00	8.14	11.09	8.78	0.27	16.1	89.2	Clear	No Odor
12:30	5	150	6.89	2.20	8.11	11.16	6.06	0.27	15.9	88.6	Clear	No Odor
12:35	5	150	6.89	2.40	7.99	11.28	5.71	0.24	15.7	87.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, N	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-62			Date	11-16-21
Project Name/Location		Ford LTP		Weather	30.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.85	Total Depth (ft-bmp)	21.12	Water Column (ft.)	13.27	Gallons in Well	2.16
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.60				
Sample Time: Label	11:00	Volume Purged	1.3 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	10:04						ST
Purge End	11:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:05	0	100	7.86	0.00	7.20	7.14	3.91	0.77	17.3	-87.6	Clear	No Odor
10:10	5	100	7.86	0.13	7.19	7.54	0.02	0.62	17.4	-88.6	Clear	No Odor
10:15	5	100	7.87	0.26	7.19	7.54	0.02	0.66	17.2	-92.3	Clear	No Odor
10:20	5	100	7.87	0.39	7.19	7.54	0.02	0.66	17.2	-103.6	Clear	No Odor
10:25	5	100	7.87	0.52	7.19	7.54	0.02	0.66	17.2	-103.6	Clear	No Odor
10:30	5	100	7.87	0.65	7.19	7.54	0.02	0.66	17.2	-116.7	Clear	No Odor
10:35	5	100	7.87	0.78	7.19	7.54	0.02	0.66	17.2	-122.2	Clear	No Odor
10:40	5	100	7.87	0.91	7.19	7.54	0.02	0.66	17.2	-130.4	Clear	No Odor
10:45	5	100	7.87	1.04	7.19	7.54	0.02	0.66	17.2	-136.8	Clear	No Odor
10:50	5	100	7.87	1.17	7.19	7.54	0.02	0.66	17.2	-141.9	Clear	No Odor
10:55	5	100	7.87	1.30	7.19	7.54	0.02	0.66	17.2	-145.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-63			Date	11-15-21
Project Name/Location		Ford LTP		Weather	39.0 degrees F and Cloudy. The wind is blowing W at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.71	Total Depth (ft-bmp)	11.81	Water Column (ft.)	5.10	Gallons in Well	0.83
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.45				
Sample Time: Label	13:55	Volume Purged	1.2 gallons	Replicate/Code No.	MW-63-MS_111521, MW-63-MSD_111521	Sampled by	Allyson Hartz
Purge Start	13:18						
Purge End	14:07						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	150	6.73	0.00	7.66	2.63	1.26	0.55	15.5	66.2	Clear	No Odor
13:25	5	150	6.73	0.20	7.59	2.65	1.08	0.35	15.5	74.0	Clear	No Odor
13:30	5	150	6.73	0.40	7.58	2.89	0.78	0.24	15.9	79.4	Clear	No Odor
13:35	5	150	6.73	0.60	7.55	2.90	0.74	0.19	16.0	82.7	Clear	No Odor
13:40	5	150	6.73	0.80	7.55	2.92	0.82	0.12	16.1	84.1	Clear	No Odor
13:45	5	150	6.73	1.00	7.52	2.93	0.48	0.12	16.2	86.8	Clear	No Odor
13:50	5	150	6.73	1.20	7.49	2.95	0.63	0.11	16.2	89.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, North	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-64			Date	11-15-21
Project Name/Location		Ford LTP		Weather	37.9 degrees F and Mostly Cloudy. The wind is blowing W at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.40	Total Depth (ft-bmp)	20.08	Water Column (ft.)	11.68	Gallons in Well	1.90
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.63				
Sample Time: Label	12:20	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	11:49						
Purge End	12:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:50	0	150	8.42	0.00	7.13	6.10	1.77	3.09	16.2	104.1	Clear	No Odor
11:55	5	150	8.42	0.20	7.17	6.35	2.55	0.35	16.6	77.2	Clear	No Odor
12:00	5	150	8.42	0.40	7.16	6.22	1.62	0.26	16.6	72.5	Clear	No Odor
12:05	5	150	8.42	0.60	7.16	6.14	1.83	0.22	16.7	68.4	Clear	No Odor
12:10	5	150	8.42	0.80	7.16	6.09	0.02	0.18	16.6	62.7	Clear	No Odor
12:15	5	150	8.42	1.00	7.15	6.11	0.02	0.18	16.3	62.6	Clear	No Odor
12:20	5	150	8.42	1.20	7.15	6.04	1.50	0.19	16.5	58.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-67			Date	11-15-21
Project Name/Location		Ford LTP		Weather	35.1 degrees F and Cloudy. The wind is blowing W at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.39	Total Depth (ft-bmp)	13.70	Water Column (ft.)	5.31	Gallons in Well	0.86
		Pump Intake (ft-bmp)	11.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.79				
Sample Time: Label	10:40	Volume Purged	2.4 gallons	Replicate/Code No.	DUP-01	Sampled by	Andrew Banitt
Purge Start	9:37						
Purge End	10:49						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:38	0	150	8.40	0.00	6.44	3.83	5.67	0.90	15.8	244.0	Clear	No Odor
9:43	5	150	8.40	0.20	7.18	3.87	4.36	0.26	17.1	219.1	Clear	No Odor
9:48	5	150	8.40	0.40	7.19	3.83	4.38	0.20	17.0	213.0	Clear	No Odor
9:53	5	150	8.40	0.60	7.18	3.81	4.62	0.21	16.8	207.4	Clear	No Odor
9:58	5	150	8.40	0.80	7.17	3.80	4.03	0.17	16.9	201.4	Clear	No Odor
10:03	5	150	8.40	1.00	7.17	3.76	2.72	0.14	16.9	192.9	Clear	No Odor
10:08	5	150	8.40	1.20	7.16	3.78	2.55	0.13	16.8	185.1	Clear	No Odor
10:13	5	150	8.40	1.40	7.18	3.77	1.89	0.12	16.9	174.6	Clear	No Odor
10:18	5	150	8.40	1.60	7.17	3.76	2.56	0.09	17.1	165.8	Clear	No Odor
10:23	5	150	8.40	1.80	7.16	3.75	3.00	0.09	17.1	156.6	Clear	No Odor
10:28	5	150	8.40	2.00	7.16	3.74	2.74	0.09	17.2	147.5	Clear	No Odor
10:33	5	150	8.40	2.20	7.16	3.74	2.68	0.09	17.0	139.0	Clear	No Odor
10:38	5	150	8.40	2.40	7.16	3.75	2.46	0.08	17.1	131.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, East	Well Locked at Arrival:	n/a
Condition of Well:	Casing broken,Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-68			Date	11-12-21
Project Name/Location	Ford LTP			Weather	53.1 degrees F and Mostly Cloudy, Wind S 13 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.22	Total Depth (ft-bmp)	19.80	Water Column (ft.)	11.58	Gallons in Well	1.88
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.10				
Sample Time: Label	14:08	Volume Purged	2.07 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	13:20						
Purge End	14:13						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:21	0	175	8.29	0.00	6.50	4.83	0.12	0.96	17.8	221.0	Clear	No Odor
13:26	5	175	8.29	0.23	7.41	6.13	0.71	0.18	18.0	200.7	Clear	No Odor
13:31	5	175	8.29	0.46	7.48	6.21	0.02	0.10	18.0	191.3	Clear	No Odor
13:36	5	175	8.29	0.69	7.49	6.25	0.02	0.06	17.9	182.8	Clear	No Odor
13:41	5	175	8.30	0.92	7.50	6.29	0.87	0.07	17.9	175.2	Clear	No Odor
13:46	5	175	8.30	1.15	7.50	6.30	0.13	0.03	17.9	168.6	Clear	No Odor
13:51	5	175	8.30	1.38	7.49	6.33	0.52	0.03	18.0	163.1	Clear	No Odor
13:56	5	175	8.30	1.61	7.49	6.37	0.33	0.03	18.1	157.4	Clear	No Odor
14:01	5	175	8.30	1.84	7.49	6.39	0.14	0.03	18.0	152.4	Clear	No Odor
14:06	5	175	8.30	2.07	7.49	6.37	0.02	0.02	18.1	148.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, South	Well Locked at Arrival:	n/a
Condition of Well:	Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-69			Date	11-17-21
Project Name/Location		Ford LTP		Weather	50.0 degrees F and Cloudy. The wind is blowing S at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.56	Total Depth (ft-bmp)	19.96	Water Column (ft.)	11.40	Gallons in Well	1.85
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.30				
Sample Time: Label	10:30	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	9:29						
Purge End	10:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:30	0	150	8.71	0.00	6.67	14.47	43.70	1.39	17.5	133.9	Clear	No Odor
9:35	5	150	8.71	0.20	6.89	15.64	41.50	0.43	17.4	93.3	Clear	No Odor
9:40	5	150	8.71	0.40	6.97	15.82	46.50	0.24	17.4	76.0	Clear	No Odor
9:45	5	150	8.71	0.60	7.00	15.74	52.20	0.22	17.5	68.9	Clear	No Odor
9:50	5	150	8.71	0.80	7.02	15.55	59.70	0.13	17.5	54.9	Clear	No Odor
9:55	5	150	8.71	1.00	7.02	15.36	43.30	0.13	17.6	41.8	Clear	No Odor
10:00	5	150	8.71	1.20	7.04	15.05	34.90	0.17	17.2	15.3	Clear	No Odor
10:05	5	150	8.71	1.40	7.04	14.94	27.30	0.18	17.1	10.5	Clear	No Odor
10:10	5	150	8.71	1.60	7.04	14.80	38.00	0.10	17.4	-15.7	Clear	No Odor
10:15	5	150	8.71	1.80	7.04	14.79	27.30	0.10	17.4	-18.1	Clear	No Odor
10:20	5	150	8.71	2.00	7.05	14.79	25.70	0.10	17.4	-20.6	Clear	No Odor
10:25	5	150	8.71	2.20	7.05	14.83	22.20	0.12	17.4	-25.5	Clear	No Odor
10:30	5	150	8.71	2.40	7.05	14.94	19.20	0.11	17.3	-32.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-70			Date	11-16-21
Project Name/Location		Ford LTP		Weather	37.9 degrees F and Mostly Cloudy. The wind is blowing S at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.35	Total Depth (ft-bmp)	20.10	Water Column (ft.)	9.75	Gallons in Well	1.58
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.49				
Sample Time: Label	13:01	Volume Purged	0.78 gallons	Replicate/Code No.	DUP-03	Sampled by	Gary Schafer
Purge Start	12:27						
Purge End	13:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:30	0	100	10.38	0.00	6.97	10.65	7.82	0.43	18.0	-75.4	Clear	No Odor
12:35	5	100	10.40	0.13	6.99	10.67	6.39	0.29	18.2	-77.1	Clear	No Odor
12:40	5	100	10.40	0.26	6.99	10.70	4.55	0.21	18.2	-76.1	Clear	No Odor
12:45	5	100	10.40	0.39	6.99	10.73	4.50	0.19	18.4	-75.8	Clear	No Odor
12:50	5	100	10.40	0.52	6.98	10.78	3.46	0.16	18.2	-74.8	Clear	No Odor
12:55	5	100	10.40	0.65	6.98	10.82	4.20	0.14	18.2	-73.3	Clear	No Odor
13:00	5	100	10.40	0.78	6.98	10.82	4.00	0.13	18.2	-72.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot				
1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, South	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-71			Date	11-16-21
Project Name/Location		Ford LTP		Weather	38.0 degrees F and Overcast/Light Breeze.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.60	Total Depth (ft-bmp)	19.75	Water Column (ft.)	8.15	Gallons in Well	1.32
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.03				
Sample Time: Label	16:21	Volume Purged	1.36 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	15:37						
Purge End	16:28						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:40	0	125	11.76	0.00	6.93	1.07	13.50	5.75	14.5	-30.8	Clear	Faint Odor
15:45	5	125	11.76	0.17	6.95	14.85	7.28	1.72	14.5	-47.1	Clear	No Odor
15:50	5	125	11.76	0.34	7.02	17.11	6.02	0.44	14.4	-63.6	Clear	No Odor
15:55	5	125	11.76	0.51	7.04	17.92	6.17	0.38	14.0	-69.9	Clear	No Odor
16:00	5	125	11.76	0.68	7.05	18.34	4.92	0.23	13.8	-73.3	Clear	No Odor
16:05	5	125	11.76	0.85	7.06	18.34	6.55	0.22	13.6	-75.5	Clear	No Odor
16:10	5	125	11.76	1.02	7.06	18.38	4.11	0.17	13.6	-76.7	Clear	No Odor
16:15	5	125	11.76	1.19	7.07	18.42	4.42	0.17	13.8	-78.3	Clear	No Odor
16:20	5	125	11.76	1.36	7.07	18.51	4.09	0.16	13.5	-79.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, South	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-122			Date	11-17-21
Project Name/Location		Ford LTP		Weather	55.9 degrees F and Fog/Mist.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.22	Total Depth (ft-bmp)	20.10	Water Column (ft.)	11.88	Gallons in Well	1.93
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.06				
Sample Time: Label	10:56	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:57						
Purge End	11:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:55	0	125	8.32	0.00	6.83	7.65	37.10	0.95	17.6	-79.1	Turbid	Faint Odor
10:00	5	125	8.32	0.17	7.14	8.10	15.10	0.76	17.7	-104.6	Clear	Faint Odor
10:05	5	125	8.32	0.34	7.16	8.30	15.50	1.17	17.7	-107.6	Clear	Faint Odor
10:10	5	125	8.32	0.51	7.16	8.45	14.90	1.02	17.7	-109.7	Clear	Faint Odor
10:15	5	125	8.32	0.68	7.17	8.70	16.00	0.75	17.7	-111.4	Clear	Faint Odor
10:20	5	125	8.32	0.85	7.17	8.88	13.30	0.80	17.7	-112.6	Clear	Faint Odor
10:25	5	125	8.32	1.02	7.18	8.97	8.69	0.60	17.7	-113.2	Clear	Faint Odor
10:30	5	125	8.32	1.19	7.19	9.11	13.90	0.66	17.7	-113.3	Clear	Faint Odor
10:35	5	125	8.32	1.36	7.20	9.18	15.70	0.65	17.6	-113.5	Clear	Faint Odor
10:40	5	125	8.32	1.53	7.21	9.25	8.66	0.51	17.6	-113.8	Clear	Faint Odor
10:45	5	125	8.32	1.70	7.20	9.34	6.12	0.48	17.6	-114.2	Clear	Faint Odor
10:50	5	125	8.32	1.87	7.22	9.41	8.89	0.37	17.6	-114.6	Clear	Faint Odor
10:55	5	125	8.32	2.04	7.20	9.40	6.20	0.38	17.6	-113.7	Clear	Faint Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Onsite, North	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-208S			Date	11-6-21
Project Name/Location		Ford LTP		Weather	37.0 degrees F and Mostly Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.45	Total Depth (ft-bmp)	13.57	Water Column (ft.)	4.12	Gallons in Well	0.67
		Pump Intake (ft-bmp)	10.95	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.94				
Sample Time: Label	12:17	Volume Purged	1.3 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	11:22						
Purge End	12:22						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:25	0	100	9.45	0.00	7.15	3.77	4.40	1.90	16.2	-16.1	Clear	No Odor
11:30	5	100	9.45	0.13	7.16	3.76	3.65	1.01	16.3	-19.3	Clear	No Odor
11:35	5	100	9.45	0.26	7.13	3.73	3.01	0.94	16.6	-18.5	Clear	No Odor
11:40	5	100	9.45	0.39	7.09	3.70	3.98	1.00	16.7	-17.6	Clear	No Odor
11:45	5	100	9.45	0.52	7.07	3.70	3.63	1.02	16.8	-16.9	Clear	No Odor
11:50	5	100	9.45	0.65	7.03	3.72	3.77	1.03	16.7	-17.1	Clear	No Odor
11:55	5	100	9.45	0.78	6.98	3.88	3.56	1.04	16.7	-19.4	Clear	No Odor
12:00	5	100	9.45	0.91	6.99	4.09	3.22	0.96	16.8	-21.4	Clear	No Odor
12:05	5	100	9.45	1.04	7.01	4.19	2.67	0.99	17.1	-22.3	Clear	No Odor
12:10	5	100	9.45	1.17	7.01	4.26	2.55	1.00	17.3	-21.2	Clear	No Odor
12:15	5	100	9.45	1.30	7.02	4.31	2.12	1.01	17.0	-21.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	On-site, SE	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-209S			Date	11-6-21
Project Name/Location		Ford LTP		Weather	27.0 degrees F and Sunny. The wind is blowing N at 1.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.76	Total Depth (ft-bmp)	12.69	Water Column (ft.)	3.93	Gallons in Well	0.64
		Pump Intake (ft-bmp)	10.26	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.25				
Sample Time: Label	9:17	Volume Purged	2.08 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	8:32						
Purge End	9:21						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:34	0	200	8.79	0.00	7.18	10.59	23.80	2.22	17.9	3.2	Small White Particulates	No Odor
8:39	5	200	8.79	0.26	7.24	10.58	9.78	1.61	18.1	17.4	Clear	No Odor
8:44	5	200	8.79	0.52	7.26	10.57	4.55	1.59	18.1	25.5	Clear	No Odor
8:49	5	200	8.79	0.78	7.25	10.52	4.09	1.15	18.1	28.2	Clear	No Odor
8:54	5	200	8.79	1.04	7.24	10.49	3.32	1.11	18.2	30.5	Clear	No Odor
8:59	5	200	8.80	1.30	7.22	10.44	3.90	1.02	18.2	32.8	Clear	No Odor
9:04	5	200	8.80	1.56	7.22	10.44	3.68	0.84	18.2	33.9	Clear	No Odor
9:09	5	200	8.80	1.82	7.21	10.46	2.17	0.85	18.2	34.1	Clear	No Odor
9:14	5	200	8.80	2.08	7.20	10.46	2.60	0.82	18.2	33.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	On-site East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-210S			Date	11-6-21
Project Name/Location		Ford LTP		Weather	43.0 degrees F and Partly Cloudy. The wind is blowing SSW at 7.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.65	Total Depth (ft-bmp)	12.68	Water Column (ft.)	4.03	Gallons in Well	0.65
		Pump Intake (ft-bmp)	10.15	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.40				
Sample Time: Label	11:55	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	11:21						
Purge End	11:59						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:22	0	200	8.69	0.00	7.90	6.90	8.07	0.93	16.0	-174.8	Clear	No Odor
11:27	5	200	8.69	0.26	7.18	7.83	6.65	0.55	17.3	-147.2	Clear	No Odor
11:32	5	200	8.69	0.52	7.21	12.93	3.32	0.60	17.2	-89.3	Small White Particulates	No Odor
11:37	5	200	8.69	0.78	7.23	13.12	2.14	0.57	17.2	-81.4	Clear	No Odor
11:42	5	200	8.69	1.04	7.22	13.19	2.94	0.56	17.5	-77.0	Clear	No Odor
11:47	5	200	8.69	1.30	7.22	13.25	3.16	0.54	17.5	-73.3	Clear	No Odor
11:52	5	200	8.68	1.56	7.21	13.34	4.40	0.55	17.7	-70.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite ,East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-211S			Date	11-6-21
Project Name/Location		Ford LTP		Weather	41.0 degrees F. The wind is blowing SSW at 7.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.32	Total Depth (ft-bmp)	11.85	Water Column (ft.)	4.53	Gallons in Well	0.74
		Pump Intake (ft-bmp)	8.82	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.62				
Sample Time: Label	11:45	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	11:09						
Purge End	11:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:11	0	150	7.35	0.00	7.59	7.88	26.90	1.49	15.4	-79.8	Clear	No Odor
11:16	5	150	7.35	0.20	7.59	7.04	23.20	0.67	15.6	-70.7	Clear	No Odor
11:21	5	150	7.35	0.40	7.50	6.68	17.10	0.38	16.2	-58.0	Clear	No Odor
11:26	5	150	7.35	0.60	7.50	6.63	17.20	0.26	16.3	-51.4	Clear	No Odor
11:31	5	150	7.35	0.80	7.48	6.59	14.80	0.24	16.3	-48.1	Clear	No Odor
11:36	5	150	7.35	1.00	7.47	6.54	14.00	0.16	16.0	-44.4	Clear	No Odor
11:41	5	150	7.35	1.20	7.47	6.49	13.80	0.19	16.3	-42.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-212S			Date	11-6-21
Project Name/Location		Ford LTP		Weather	40.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-11.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.57	Total Depth (ft-bmp)	11.05	Water Column (ft.)	4.48	Gallons in Well	0.73
		Pump Intake (ft-bmp)	8.07	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.97				
Sample Time: Label	10:51	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	10:03						
Purge End	10:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:05	0	120	6.78	0.00	7.52	2.20	42.20	3.98	16.7	-85.7	Clear	Faint Odor
10:10	5	120	6.94	0.16	7.47	2.26	0.02	0.98	17.0	-80.7	Clear	No Odor
10:15	5	120	6.90	0.32	7.37	2.66	0.02	0.56	17.5	-65.6	Clear	No Odor
10:20	5	120	6.90	0.48	7.34	3.01	0.02	0.50	17.1	-52.2	Clear	No Odor
10:25	5	120	6.72	0.64	7.32	3.39	0.02	0.50	17.5	-50.5	Clear	No Odor
10:30	5	120	6.89	0.80	7.26	4.82	0.02	0.34	17.6	-67.2	Clear	No Odor
10:35	5	120	6.94	0.96	7.27	5.30	0.02	0.41	17.7	-92.2	Clear	No Odor
10:40	5	120	6.94	1.12	7.27	5.43	0.02	0.28	18.0	-96.6	Clear	No Odor
10:45	5	120	6.94	1.28	7.27	5.49	0.02	0.20	18.1	-106.4	Clear	No Odor
10:50	5	120	6.94	1.44	7.27	5.51	0.02	0.19	18.1	-100.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-213S			Date	11-6-21
Project Name/Location		Ford LTP		Weather	40.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.52	Total Depth (ft-bmp)	10.80	Water Column (ft.)	4.28	Gallons in Well	0.70
		Pump Intake (ft-bmp)	8.02	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.20				
Sample Time: Label	12:05	Volume Purged	1.54 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	11:15						
Purge End	12:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	130	6.58	0.00	6.61	1.25	28.80	4.07	16.7	41.5	Clear, Small Orange Particulates	Faint Odor
11:25	5	130	6.58	0.17	6.87	11.76	21.40	3.24	17.1	27.2	Clear, Small Orange Particulates	Faint Odor
11:30	5	130	6.81	0.34	7.15	12.82	4.48	1.76	17.5	7.7	Clear	Faint Odor
11:35	5	130	6.81	0.51	7.16	12.99	4.52	0.76	17.4	-40.4	Clear	Faint Odor
11:40	5	140	6.93	0.68	7.17	12.92	3.85	0.58	18.7	-47.8	Clear	No Odor
11:45	5	130	6.90	0.86	7.19	12.57	1.08	0.82	17.9	-56.5	Clear	No Odor
11:50	5	130	6.90	1.03	7.20	12.30	0.02	0.79	18.0	-58.6	Clear	No Odor
11:55	5	130	6.90	1.20	7.20	12.09	0.02	0.40	18.1	-61.7	Clear	No Odor
12:00	5	130	6.90	1.37	7.20	11.99	0.02	0.36	18.2	-64.1	Clear	No Odor
12:05	5	130	6.90	1.54	7.20	11.95	0.02	0.15	18.4	-63.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Onsite, East	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-218S			Date	11-16-21
Project Name/Location		Ford LTP		Weather	37.9 degrees F and Mostly Cloudy. The wind is blowing S at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.86	Total Depth (ft-bmp)	12.88	Water Column (ft.)	3.02	Gallons in Well	0.49
		Pump Intake (ft-bmp)	11.36	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.27				
Sample Time: Label	12:58	Volume Purged	1.6 gallons	Replicate/Code No.	MW-218S-MS_111621, MW-218S-MSD_111621	Sampled by	Andrew Banitt
Purge Start	12:14						
Purge End	13:13						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:16	0	150	9.89	0.00	6.56	1.26	1.29	0.69	14.9	179.0	Clear	No Odor
12:21	5	150	9.89	0.20	6.94	1.94	1.17	0.28	15.2	159.2	Clear	No Odor
12:26	5	150	9.89	0.40	7.04	1.93	2.03	0.25	15.2	139.0	Clear	No Odor
12:31	5	150	9.88	0.60	7.09	1.91	2.26	0.25	15.2	126.6	Clear	No Odor
12:36	5	150	9.89	0.80	7.11	1.87	1.00	0.16	15.4	110.5	Clear	No Odor
12:41	5	150	9.88	1.03	7.11	1.97	0.82	0.17	15.3	94.5	Clear	No Odor
12:46	5	150	9.88	1.23	7.11	1.95	0.64	0.16	15.3	86.3	Clear	No Odor
12:51	5	125	9.87	1.43	7.11	1.99	0.73	0.15	15.0	79.8	Clear	No Odor
12:56	5	125	9.87	1.60	7.11	1.99	0.52	0.20	15.1	77.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-219S			Date	11-17-21
Project Name/Location		Ford LTP		Weather	61.0 degrees F and Light Rain. The wind is blowing S/SW at 17.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.75	Total Depth (ft-bmp)	11.32	Water Column (ft.)	4.57	Gallons in Well	0.74
		Pump Intake (ft-bmp)	8.25	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.89				
Sample Time: Label	13:25	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	12:47						
Purge End	13:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:50	0	150	6.79	0.00	7.46	3.86	16.40	1.78	15.0	3.5	Clear	No Odor
12:55	5	150	6.79	0.20	7.48	4.04	17.90	1.60	14.9	4.9	Clear	No Odor
13:00	5	150	6.79	0.40	7.51	4.37	20.90	1.60	14.9	5.6	Clear	No Odor
13:05	5	150	6.79	0.60	7.50	4.87	22.90	1.44	14.9	8.8	Clear	No Odor
13:10	5	150	6.79	0.80	7.49	4.99	23.00	1.39	15.0	9.2	Clear	No Odor
13:15	5	150	6.79	1.00	7.49	5.31	23.50	1.35	15.0	10.1	Clear	No Odor
13:20	5	150	6.79	1.20	7.48	5.35	24.50	1.31	15.0	11.2	Clear	No Odor
13:25	5	150	6.79	1.40	7.48	5.35	22.90	1.23	15.0	11.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	PW-16-01			Date	11-15-21
Project Name/Location		Ford LTP		Weather	39.0 degrees F and Cloudy. The wind is blowing W at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.7-19.7	Casing Diameter (in.)	6	Well Material	PVC
Static Water Level (ft-bmp)	7.95	Total Depth (ft-bmp)	21.55	Water Column (ft.)	13.60	Gallons in Well	19.89
		Pump Intake (ft-bmp)	14.70	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.08				
Sample Time: Label	16:06	Volume Purged	1.53 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	15:17						
Purge End	16:16						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:20	0	125	7.95	0.00	7.32	5.90	28.50	1.09	16.1	-100.5	Turbid	No Odor
15:25	5	125	7.95	0.17	7.28	6.10	12.20	0.41	16.4	-104.6	Clear	No Odor
15:30	5	125	7.95	0.34	7.27	6.11	8.89	0.29	16.4	-106.0	Clear	No Odor
15:35	5	125	7.95	0.51	7.26	6.09	6.02	0.23	16.5	-106.2	Clear	No Odor
15:40	5	125	7.95	0.68	7.26	6.07	5.40	0.20	16.4	-107.1	Clear	No Odor
15:45	5	125	7.95	0.85	7.26	6.07	6.42	0.20	16.5	-106.6	Clear	No Odor
15:50	5	125	7.95	1.02	7.26	6.07	5.96	0.20	16.4	-106.3	Clear	No Odor
15:55	5	125	7.95	1.19	7.26	6.07	4.96	0.17	16.4	-106.1	Clear	No Odor
16:00	5	125	7.95	1.36	7.26	6.06	4.57	0.19	16.2	-106.2	Clear	No Odor
16:05	5	125	7.95	1.53	7.26	6.06	3.60	0.17	16.2	-106.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, South	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-88S			Date	11-9-21
Project Name/Location	Ford LTP			Weather	57.0 degrees F and Mostly Cloudy. The wind is blowing E at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.00	Total Depth (ft-bmp)	12.60	Water Column (ft.)	6.60	Gallons in Well	1.07
		Pump Intake (ft-bmp)	7.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.59				
Sample Time: Label	13:01	Volume Purged	1.7 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:07						
Purge End	13:10						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:10	0	125	6.00	0.00	6.66	0.32	11.70	4.65	15.8	87.8	Clear	No Odor
12:15	5	125	6.00	0.17	6.67	0.32	9.59	4.39	15.8	83.8	Clear	No Odor
12:20	5	125	6.00	0.34	6.70	0.32	9.91	4.27	15.8	79.8	Clear	No Odor
12:25	5	125	6.01	0.51	6.73	0.33	8.71	3.92	15.8	60.6	Clear	No Odor
12:30	5	125	6.01	0.68	6.77	0.36	7.31	3.43	15.8	40.1	Clear	No Odor
12:35	5	125	6.01	0.85	6.86	0.41	6.21	2.63	15.8	25.2	Clear	No Odor
12:40	5	125	6.01	1.02	6.96	0.45	4.80	1.97	15.8	15.7	Clear	No Odor
12:45	5	125	6.01	1.19	7.01	0.46	3.49	1.69	15.8	9.1	Clear	No Odor
12:50	5	125	6.01	1.36	7.03	0.47	3.09	1.62	15.7	3.1	Clear	No Odor
12:55	5	125	6.01	1.53	7.05	0.48	3.17	1.51	15.7	7.7	Clear	No Odor
13:00	5	125	6.01	1.70	7.07	0.47	2.74	1.57	15.7	7.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34965 Wadsworth; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-89S			Date	11-3-21
Project Name/Location		Ford LTP		Weather	45 F, Cloudy, 42% humidity, wnw 10 mph, 30.34 inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.88	Total Depth (ft-bmp)	12.61	Water Column (ft.)	8.73	Gallons in Well	1.42
		Pump Intake (ft-bmp)	5.38	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.46				
Sample Time: Label	15:03	Volume Purged	2.08 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	14:18						
Purge End	15:06						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:20	0	200	3.90	0.00	7.45	0.82	5.69	2.02	14.3	16.4	Clear	No Odor
14:25	5	200	3.90	0.26	6.94	0.72	3.85	0.63	14.9	7.1	Clear	No Odor
14:30	5	200	3.91	0.52	7.10	1.50	3.95	0.19	15.1	36.3	Clear	Faint Odor
14:35	5	200	3.91	0.78	7.04	4.80	2.91	0.11	15.1	30.4	Clear	No Odor
14:40	5	200	3.91	1.04	7.08	5.17	3.00	0.10	15.0	-8.8	Clear	No Odor
14:45	5	200	3.91	1.30	7.11	5.20	3.25	0.08	15.0	-27.8	Clear	No Odor
14:50	5	200	3.91	1.56	7.12	5.16	3.47	0.07	15.0	-36.6	Clear	No Odor
14:55	5	200	3.91	1.82	7.13	5.18	3.50	0.07	14.9	-41.7	Clear	No Odor
15:00	5	200	3.91	2.08	7.14	5.18	3.68	0.07	14.9	-45.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34940 Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-90S			Date	11-10-21
Project Name/Location		Ford LTP		Weather	55 F, Sunny, 37% humidity, ESE 3 mph, 30.2inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.45	Total Depth (ft-bmp)	12.14	Water Column (ft.)	8.69	Gallons in Well	1.41
		Pump Intake (ft-bmp)	4.95	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.92				
Sample Time: Label	13:35	Volume Purged	1.3 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	12:40						
Purge End	13:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:43	0	100	3.64	0.00	6.96	1.31	6.22	2.02	14.7	7.0	Clear	No Odor
12:48	5	100	3.85	0.13	6.95	1.23	3.81	2.71	15.0	11.6	Clear	No Odor
12:53	5	100	4.06	0.26	6.93	1.20	2.98	2.35	15.2	26.9	Clear	No Odor
12:58	5	100	4.31	0.39	6.92	1.19	2.98	2.88	15.2	38.3	Clear	No Odor
13:03	5	100	4.55	0.52	6.88	1.21	4.00	1.81	15.5	42.2	Clear	No Odor
13:08	5	100	4.81	0.65	6.85	1.23	4.01	1.17	15.6	44.5	Clear	No Odor
13:13	5	100	5.07	0.78	6.82	1.25	2.63	0.76	15.6	45.5	Clear	No Odor
13:18	5	100	5.33	0.91	6.81	1.26	1.69	0.51	15.7	47.5	Clear	No Odor
13:23	5	100	5.61	1.04	6.81	1.27	1.78	0.38	15.8	50.0	Clear	No Odor
13:28	5	100	5.91	1.17	6.82	1.27	3.59	0.45	16.1	49.4	Clear	No Odor
13:33	5	100	6.13	1.30	6.81	1.27	4.42	0.35	16.2	50.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34380 Capitol; back yard/side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-91S			Date	11-4-21
Project Name/Location		Ford LTP		Weather	36 F, 90% humidity, wnw 3 mph, 30.35inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.78	Total Depth (ft-bmp)	11.60	Water Column (ft.)	6.82	Gallons in Well	1.11
		Pump Intake (ft-bmp)	6.28	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.64				
Sample Time: Label	9:45	Volume Purged	1.82 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	9:05						
Purge End	9:47						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:07	0	200	4.82	0.00	7.34	1.24	3.55	0.84	16.2	81.8	Clear	No Odor
9:12	5	200	4.83	0.26	7.18	1.19	0.02	0.27	16.8	53.9	Clear	No Odor
9:17	5	200	4.83	0.52	7.21	1.30	0.22	0.22	16.8	4.1	Clear	No Odor
9:22	5	200	4.83	0.78	7.25	1.37	0.02	0.19	16.8	-26.1	Clear	No Odor
9:27	5	200	4.83	1.04	7.28	1.38	0.02	0.17	16.8	-40.6	Clear	No Odor
9:32	5	200	4.83	1.30	7.29	1.38	0.02	0.17	16.8	-49.9	Clear	No Odor
9:37	5	200	4.83	1.56	7.30	1.36	0.02	0.15	16.8	-53.4	Clear	No Odor
9:42	5	200	4.83	1.82	7.31	1.36	0.02	0.14	16.8	-57.4	Clear	Faint Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12034 Brewster; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-92S			Date	11-4-21
Project Name/Location		Ford LTP		Weather	37 F, cloudy, 83% humidity, 30.36inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.08	Total Depth (ft-bmp)	12.09	Water Column (ft.)	7.01	Gallons in Well	1.14
		Pump Intake (ft-bmp)	6.58	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.05				
Sample Time: Label	11:15	Volume Purged	2.34 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	10:24						
Purge End	11:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:25	0	200	5.10	0.00	7.98	0.61	2.98	1.10	18.3	-24.4	Clear	No Odor
10:30	5	200	5.10	0.26	7.46	0.58	0.66	0.73	18.8	-8.8	Clear	No Odor
10:35	5	200	5.10	0.52	7.41	0.58	1.09	0.58	18.9	3.8	Clear	No Odor
10:40	5	200	5.10	0.78	7.41	0.65	0.34	0.45	19.0	14.9	Clear	No Odor
10:45	5	200	5.10	1.04	7.40	0.82	1.57	0.37	19.0	6.8	Clear	No Odor
10:50	5	200	5.10	1.30	7.40	0.91	2.18	0.34	19.0	-10.5	Clear	No Odor
10:55	5	200	5.10	1.56	7.40	0.97	1.47	0.34	19.0	-23.2	Clear	No Odor
11:00	5	200	5.10	1.82	7.40	0.98	2.12	0.33	19.0	-31.2	Clear	No Odor
11:05	5	200	5.10	2.08	7.40	0.99	1.18	0.33	19.0	-35.0	Clear	No Odor
11:10	5	200	5.10	2.34	7.40	1.00	0.98	0.30	19.1	-37.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12036 Brewster; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-93S			Date	11-10-21
Project Name/Location		Ford LTP		Weather	55.0 degrees F and Mostly Cloudy. The wind is blowing E/SE at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.30	Total Depth (ft-bmp)	11.75	Water Column (ft.)	6.45	Gallons in Well	1.05
		Pump Intake (ft-bmp)	6.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.97				
Sample Time: Label	14:11	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:37						
Purge End	14:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:40	0	125	5.31	0.00	7.01	0.50	4.98	1.66	14.9	89.7	Clear	No Odor
13:45	5	125	5.31	0.17	7.07	0.50	2.30	1.28	14.8	84.5	Clear, Small Brown Particulates	No Odor
13:50	5	125	5.31	0.34	7.12	0.50	2.00	1.18	14.8	81.6	Clear, Small Brown Particulates	No Odor
13:55	5	125	5.31	0.51	7.16	0.50	1.93	1.01	14.8	79.4	Clear	No Odor
14:00	5	125	5.32	0.68	7.19	0.50	1.71	0.97	14.8	77.7	Clear	No Odor
14:05	5	125	5.32	0.85	7.20	0.50	1.41	0.95	14.8	77.6	Clear	No Odor
14:10	5	125	5.32	1.02	7.21	0.51	1.54	0.90	14.8	76.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	11775 Boston Post; front yard 5ft south of driveway	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-94S			Date	11-10-21
Project Name/Location		Ford LTP		Weather	54.0 degrees F and Mostly Cloudy. The wind is blowing at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.53	Total Depth (ft-bmp)	11.95	Water Column (ft.)	6.42	Gallons in Well	1.04
		Pump Intake (ft-bmp)	7.03	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.98				
Sample Time: Label	16:31	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	15:57						
Purge End	16:39						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:00	0	125	5.53	0.00	7.37	0.48	1.05	2.04	15.3	68.3	Clear	No Odor
16:05	5	125	5.53	0.17	7.34	0.58	1.06	1.05	15.4	65.5	Clear	No Odor
16:10	5	125	5.54	0.34	7.29	0.62	2.09	0.81	15.4	66.0	Clear	No Odor
16:15	5	125	5.54	0.51	7.28	0.63	2.16	0.66	15.4	64.4	Clear	No Odor
16:20	5	125	5.54	0.68	7.27	0.64	2.28	0.60	15.4	65.1	Clear	No Odor
16:25	5	125	5.55	0.85	7.27	0.65	2.06	0.60	15.4	65.8	Clear	No Odor
16:30	5	125	5.55	1.02	7.27	0.65	2.07	0.59	15.4	66.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11680 Boston Post; front side yard north end	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-95S			Date	11-5-21
Project Name/Location		Ford LTP		Weather	41 degrees mostly cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.89	Total Depth (ft-bmp)	12.00	Water Column (ft.)	9.11	Gallons in Well	1.48
		Pump Intake (ft-bmp)	4.39	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.81				
Sample Time: Label	11:23	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:48						
Purge End	11:26						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	150	2.90	0.00	6.84	0.32	0.79	6.86	14.1	75.4	Clear	No Odor
10:55	5	150	2.90	0.20	6.86	0.32	0.35	6.83	14.2	69.2	Clear	No Odor
11:00	5	150	2.90	0.40	6.82	0.32	1.24	6.82	14.2	68.5	Clear	No Odor
11:05	5	150	2.90	0.60	6.82	0.32	0.96	6.80	14.3	67.8	Clear	No Odor
11:10	5	150	2.90	0.80	6.80	0.32	1.52	6.68	14.3	68.0	Clear	No Odor
11:15	5	150	2.90	1.00	6.78	0.32	2.04	6.83	14.4	68.8	Clear	No Odor
11:20	5	150	2.90	1.20	6.81	0.32	1.15	6.83	14.5	67.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12131 Boston Post; backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-103S			Date	11-10-21
Project Name/Location		Ford LTP		Weather	45 F, Partly Cloudy, 80% humidity, nw 1mph, 30.52 inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.02	Total Depth (ft-bmp)	6.70	Water Column (ft.)	3.68	Gallons in Well	0.60
		Pump Intake (ft-bmp)	4.52	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.67				
Sample Time: Label	10:28	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	9:44						
Purge End	10:34						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:46	0	150	3.04	0.00	7.12	1.20	73.30	0.89	13.8	72.4	Clear, Cloudy, Small White Particulates	No Odor
9:51	5	150	3.05	0.20	7.00	1.07	4.03	0.29	14.4	54.8	Clear, Small White Particulates	No Odor
9:56	5	150	3.05	0.40	7.01	1.02	4.09	0.19	14.6	45.6	Clear	No Odor
10:01	5	150	3.05	0.60	6.99	1.00	3.00	0.15	14.7	38.3	Clear	No Odor
10:06	5	150	3.05	0.80	6.99	0.98	3.18	0.11	14.7	32.0	Clear	No Odor
10:11	5	150	3.06	1.00	7.00	0.96	4.01	0.08	14.8	22.5	Clear	No Odor
10:16	5	150	3.06	1.20	7.01	0.96	2.09	0.08	14.8	15.0	Clear	No Odor
10:21	5	150	3.07	1.40	7.01	0.95	3.57	0.08	14.8	9.8	Clear	No Odor
10:26	5	150	3.07	1.60	7.02	0.95	1.61	0.05	14.9	5.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34424 Capitol; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-104S			Date	11-8-21
Project Name/Location		Ford LTP		Weather	64.0 degrees F and Mostly Clear. The wind is blowing SW at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.96	Total Depth (ft-bmp)	14.20	Water Column (ft.)	4.24	Gallons in Well	0.69
		Pump Intake (ft-bmp)	11.46	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.13				
Sample Time: Label	14:01	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:27						
Purge End	14:11						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:30	0	100	9.98	0.00	7.45	0.32	9.18	7.41	15.1	119.9	Clear	No Odor
13:35	5	100	9.98	0.13	7.46	0.32	7.12	7.39	15.1	120.0	Clear	No Odor
13:40	5	100	9.98	0.26	7.48	0.32	5.23	7.35	15.1	121.1	Clear	No Odor
13:45	5	100	9.98	0.39	7.45	0.32	2.37	7.28	15.1	120.5	Clear	No Odor
13:50	5	100	9.98	0.52	7.46	0.32	1.80	7.36	15.1	121.8	Clear	No Odor
13:55	5	100	9.98	0.65	7.46	0.32	0.98	7.39	15.1	118.9	Clear	No Odor
14:00	5	100	9.98	0.78	7.45	0.32	0.23	7.37	15.1	119.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34900 Standish; side yard east of garage	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-109S			Date	11-3-21
Project Name/Location		Ford LTP		Weather		35F, sunny	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.44	Total Depth (ft-bmp)	12.32	Water Column (ft.)	6.88	Gallons in Well	1.12
		Pump Intake (ft-bmp)	6.94	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.53				
Sample Time: Label	12:35	Volume Purged	0.59 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	11:59						ST
Purge End	12:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:00	0	0	5.44	0.00	7.16	0.27	0.02	2.84	13.2	35.2	Clear	No Odor
12:05	5	100	5.44	0.00	7.16	0.27	0.02	2.82	13.2	35.2	Clear	No Odor
12:10	5	50	5.45	0.13	7.16	0.27	0.02	2.82	13.2	34.9	Clear	No Odor
12:15	5	100	5.45	0.20	7.16	0.27	0.02	2.82	13.2	34.5	Clear	No Odor
12:20	5	100	5.45	0.33	7.16	0.27	0.02	2.82	13.2	34.1	Clear	No Odor
12:25	5	100	5.45	0.46	7.16	0.27	0.02	2.82	13.2	33.9	Clear	No Odor
12:30	5	100	5.45	0.59	7.16	0.27	0.02	2.82	13.2	33.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	34990 Beacon; to the right of house.	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-110S			Date	11-8-21
Project Name/Location		Ford LTP		Weather	64.0 degrees F and Mostly Clear. The wind is blowing SW at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.70	Total Depth (ft-bmp)	12.65	Water Column (ft.)	3.95	Gallons in Well	0.64
		Pump Intake (ft-bmp)	10.20	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.22				
Sample Time: Label	15:16	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:43						
Purge End	15:26						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:45	0	100	8.72	0.00	7.29	0.36	1.63	5.44	16.3	120.4	Clear	No Odor
14:50	5	100	8.72	0.13	7.21	0.37	2.90	5.21	16.2	120.7	Clear	No Odor
14:55	5	100	8.72	0.26	7.23	0.37	1.50	5.25	16.2	118.6	Clear	No Odor
15:00	5	100	8.72	0.39	7.26	0.37	0.92	5.17	16.2	115.0	Clear	No Odor
15:05	5	100	8.72	0.52	7.28	0.36	0.02	5.10	16.2	112.0	Clear	No Odor
15:10	5	100	8.72	0.65	7.28	0.36	0.02	5.11	16.2	112.1	Clear	No Odor
15:15	5	100	8.72	0.78	7.29	0.36	0.02	5.09	16.2	113.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot				
1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34850 Standish; front yard west side	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-111S			Date	11-5-21
Project Name/Location		Ford LTP		Weather		48F cloudy	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.35	Total Depth (ft-bmp)	12.70	Water Column (ft.)	5.35	Gallons in Well	0.87
		Pump Intake (ft-bmp)	8.85	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.10				
Sample Time: Label	14:50	Volume Purged	0.96 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	14:11						
Purge End	14:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:13	0	120	7.38	0.00	7.50	0.42	0.61	2.75	13.8	0.5	Clear	No Odor
14:18	5	120	7.38	0.16	7.40	0.41	0.66	1.43	14.4	-26.3	Clear	No Odor
14:23	5	120	7.35	0.32	7.40	0.41	0.30	0.76	14.4	-32.8	Clear	No Odor
14:28	5	120	7.35	0.48	7.36	0.41	0.02	0.66	14.8	-34.9	Clear	No Odor
14:33	5	120	7.35	0.64	7.35	0.42	0.53	0.61	15.1	-36.6	Clear	No Odor
14:38	5	120	7.35	0.80	7.34	0.42	0.16	0.60	14.9	-36.5	Clear	No Odor
14:43	5	120	7.35	0.96	7.30	0.42	0.02	0.66	14.9	-35.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12051 Stark rd; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-112S			Date	11-9-21
Project Name/Location		Ford LTP		Weather	57.0 degrees F and Cloudy. The wind is blowing N/NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.32	Total Depth (ft-bmp)	11.68	Water Column (ft.)	5.36	Gallons in Well	0.87
		Pump Intake (ft-bmp)	7.82	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.17				
Sample Time: Label	15:31	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:57						
Purge End	15:43						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:00	0	125	6.32	0.00	6.55	0.17	8.15	2.25	14.6	10.6	Clear	Faint Odor
15:05	5	125	6.32	0.17	6.50	0.16	7.88	1.57	14.6	18.7	Clear	Faint Odor
15:10	5	125	6.32	0.34	6.46	0.16	6.93	1.44	14.6	23.4	Clear	Faint Odor
15:15	5	125	6.32	0.51	6.41	0.16	7.30	1.26	14.7	27.5	Clear	Faint Odor
15:20	5	125	6.32	0.68	6.40	0.16	7.52	1.23	14.7	27.7	Clear	Faint Odor
15:25	5	125	6.32	0.85	6.36	0.16	7.03	1.24	14.7	26.5	Clear	Faint Odor
15:30	5	125	6.32	1.02	6.36	0.16	6.88	1.25	14.7	27.0	Clear	Faint Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	34935 Wadsworth; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-115S			Date	11-5-21
Project Name/Location		Ford LTP		Weather	Overcast temp 37, slight breeze		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.59	Total Depth (ft-bmp)	12.50	Water Column (ft.)	8.91	Gallons in Well	1.45
		Pump Intake (ft-bmp)	5.09	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.08				
Sample Time: Label	11:16	Volume Purged	1.56 gallons	Replicate/Code No.	DUP-09	Sampled by	Gary Schafer
Purge Start	10:13						
Purge End	11:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	100	3.60	0.00	6.83	0.81	27.10	1.99	14.7	198.0	Cloudy	No Odor
10:20	5	100	3.60	0.13	7.04	0.82	27.80	1.67	15.1	163.2	Clear	No Odor
10:25	5	100	3.60	0.26	7.07	0.82	24.50	1.62	15.2	142.0	Clear	No Odor
10:30	5	100	3.60	0.39	7.09	0.83	22.30	1.57	15.3	112.2	Clear	No Odor
10:35	5	100	3.60	0.52	7.10	0.84	23.90	1.42	15.4	89.9	Clear	No Odor
10:40	5	100	3.60	0.65	7.11	0.86	20.60	1.20	15.2	59.0	Clear	No Odor
10:45	5	100	3.60	0.78	7.09	0.88	16.80	1.18	15.1	37.6	Clear	No Odor
10:50	5	100	3.60	0.91	7.10	0.90	13.60	1.12	15.2	18.3	Clear	No Odor
10:55	5	100	3.60	1.04	7.12	0.90	12.00	1.09	15.3	5.4	Clear	No Odor
11:00	5	100	3.60	1.17	7.12	0.93	11.90	1.01	15.3	0.0	Clear	No Odor
11:05	5	100	3.60	1.30	7.13	0.98	7.73	0.70	15.4	-14.7	Clear	No Odor
11:10	5	100	3.60	1.43	7.13	0.97	8.35	0.79	15.3	-17.3	Clear	No Odor
11:15	5	100	3.60	1.56	7.13	0.97	8.00	0.76	15.3	-18.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12070 Boston Post; front yard next to porch north side	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-116S			Date	11-10-21
Project Name/Location		Ford LTP		Weather		50F, sunny	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.48	Total Depth (ft-bmp)	12.77	Water Column (ft.)	5.29	Gallons in Well	0.86
		Pump Intake (ft-bmp)	8.98	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.81				
Sample Time: Label	10:45	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	9:39						ST
Purge End	10:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:40	0	100	7.50	0.00	7.10	0.17	25.60	3.28	13.6	-0.5	Clear	No Odor
9:45	5	100	7.50	0.13	6.91	0.17	16.60	1.65	14.1	0.3	Clear	No Odor
9:50	5	100	7.50	0.26	6.88	0.16	8.77	1.44	14.2	8.7	Clear	No Odor
9:55	5	100	7.50	0.39	6.88	0.16	6.73	1.31	14.2	8.9	Clear	No Odor
10:00	5	100	7.51	0.52	6.70	0.16	5.97	1.30	14.3	9.1	Clear	No Odor
10:05	5	100	7.51	0.65	6.70	0.16	4.23	1.30	14.3	15.6	Clear	No Odor
10:10	5	100	7.51	0.78	6.70	0.16	2.64	1.30	14.3	21.9	Clear	No Odor
10:15	5	100	7.51	0.91	6.70	0.17	0.02	1.32	14.3	28.3	Clear	No Odor
10:20	5	100	7.51	1.04	6.70	0.17	0.02	1.34	14.3	39.1	Clear	No Odor
10:25	5	100	7.51	1.17	6.71	0.17	0.02	1.34	14.3	53.3	Clear	No Odor
10:30	5	100	7.51	1.30	6.71	0.17	0.02	1.34	14.3	62.4	Clear	No Odor
10:35	5	100	7.51	1.43	6.71	0.17	0.02	1.34	14.3	66.8	Clear	No Odor
10:40	5	100	7.51	1.56	6.71	0.17	0.02	1.34	14.3	73.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	34851 Wadsworth backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-117S			Date	11-5-21
Project Name/Location		Ford LTP		Weather	43 degrees F mostly cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.60	Total Depth (ft-bmp)	12.42	Water Column (ft.)	6.82	Gallons in Well	1.11
		Pump Intake (ft-bmp)	7.10	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.29				
Sample Time: Label	12:30	Volume Purged	1.43 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	11:53						
Purge End	12:38						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:54	0	175	5.61	0.00	6.36	1.08	5.48	0.74	13.9	54.0	Clear	No Odor
11:59	5	150	5.61	0.23	7.20	1.11	3.04	0.25	14.5	-43.2	Clear	No Odor
12:04	5	150	5.61	0.43	7.28	1.12	2.08	0.19	14.5	-68.5	Clear	No Odor
12:09	5	150	5.61	0.63	7.28	1.12	1.59	0.13	14.5	-83.3	Clear	No Odor
12:14	5	150	5.61	0.83	7.29	1.12	2.27	0.09	14.5	-92.5	Clear	No Odor
12:19	5	150	5.61	1.03	7.31	1.13	1.72	0.08	14.5	-98.9	Clear	No Odor
12:24	5	150	5.61	1.23	7.33	1.15	0.93	0.07	14.5	-103.2	Clear	No Odor
12:29	5	150	5.61	1.43	7.34	1.16	0.52	0.07	14.5	-106.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12089 Boston Post; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-118S			Date	11-5-21
Project Name/Location		Ford LTP		Weather	Sun and clouds temp 39 F slight breeze		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.28	Total Depth (ft-bmp)	12.40	Water Column (ft.)	8.12	Gallons in Well	1.32
		Pump Intake (ft-bmp)	5.78	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.16				
Sample Time: Label	14:31	Volume Purged	1.53 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:43						
Purge End	14:44						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:45	0	125	4.29	0.00	6.91	0.44	38.20	4.70	14.2	61.0	Clear, Small Brown Particulates	No Odor
13:50	5	125	4.29	0.17	6.95	0.46	20.80	4.06	14.2	56.8	Clear, Small Brown Particulates	No Odor
13:55	5	125	4.29	0.34	6.96	0.47	13.20	3.85	14.3	40.0	Clear	No Odor
14:00	5	125	4.29	0.51	6.96	0.48	9.48	3.67	14.3	26.2	Clear	No Odor
14:05	5	125	4.29	0.68	6.95	0.48	6.06	3.62	14.5	19.9	Clear	No Odor
14:10	5	125	4.29	0.85	6.95	0.49	4.61	3.63	14.5	20.4	Clear	No Odor
14:15	5	125	4.29	1.02	6.95	0.49	5.44	3.61	14.4	20.5	Clear	No Odor
14:20	5	125	4.29	1.19	6.95	0.49	2.93	3.53	14.4	18.6	Clear	No Odor
14:25	5	125	4.29	1.36	6.95	0.49	3.81	3.59	14.5	19.8	Clear	No Odor
14:30	5	125	4.29	1.53	6.96	0.49	2.73	3.58	14.6	19.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12124 Boston Post; front yard next to north corner of house	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-119S			Date	11-4-21
Project Name/Location		Ford LTP		Weather		Overcast	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.55	Total Depth (ft-bmp)	12.30	Water Column (ft.)	8.75	Gallons in Well	1.42
		Pump Intake (ft-bmp)	5.05	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.73				
Sample Time: Label	11:46	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:03						
Purge End	12:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	100	3.55	0.00	6.45	0.95	3.84	2.08	14.6	141.2	Clear	No Odor
11:10	5	100	3.55	0.13	6.75	0.90	5.34	1.53	14.9	76.7	Clear	No Odor
11:15	5	100	3.55	0.26	6.82	0.87	5.94	1.47	14.9	57.8	Clear	No Odor
11:20	5	100	3.55	0.39	6.85	0.87	6.10	1.38	14.8	49.6	Clear	No Odor
11:25	5	100	3.55	0.52	6.87	0.87	6.13	1.30	14.9	47.4	Clear	No Odor
11:30	5	100	3.55	0.65	6.86	0.87	6.08	1.34	14.6	46.7	Clear	No Odor
11:35	5	100	3.55	0.78	6.90	0.88	4.98	1.28	14.8	43.3	Clear	No Odor
11:40	5	100	3.55	0.91	6.92	0.88	4.38	1.25	14.8	43.0	Clear	No Odor
11:45	5	100	3.55	1.04	6.93	0.90	4.09	1.23	14.8	44.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12034 Boston Post; north side of home	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-121S			Date	11-4-21
Project Name/Location		Ford LTP		Weather		45f, overcast	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.21	Total Depth (ft-bmp)	12.08	Water Column (ft.)	6.87	Gallons in Well	1.12
		Pump Intake (ft-bmp)	6.71	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.58				
Sample Time: Label	13:20	Volume Purged	0.65 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	12:44						
Purge End	13:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:45	0	0	5.22	0.00	6.99	0.92	3.38	0.31	15.0	-38.9	Clear	No Odor
12:50	5	100	5.22	0.00	6.99	0.92	0.02	0.31	15.1	-39.9	Clear	No Odor
12:55	5	100	5.23	0.13	7.01	0.93	0.02	0.31	15.1	-39.7	Clear	No Odor
13:00	5	100	5.23	0.26	7.01	0.93	0.02	0.29	15.1	-40.5	Clear	No Odor
13:05	5	100	5.23	0.39	7.02	0.93	0.02	0.25	15.1	-41.1	Clear	No Odor
13:10	5	100	5.23	0.52	7.02	0.92	0.02	0.25	15.1	-41.7	Clear	No Odor
13:15	5	100	5.23	0.65	7.03	0.92	0.02	0.26	15.1	-41.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	11710 Boston Post, side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-123S			Date	11-8-21
Project Name/Location		Ford LTP		Weather	46 F, sunny, 73% humidity, SSW 9 mph, 30.16inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.03	Total Depth (ft-bmp)	10.95	Water Column (ft.)	9.92	Gallons in Well	1.61
		Pump Intake (ft-bmp)	2.53	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.45				
Sample Time: Label	9:42	Volume Purged	2.34 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	8:53						
Purge End	9:46						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:55	0	200	1.09	0.00	7.13	1.65	32.00	0.53	13.4	-6.5	Small White Particulates	No Odor
9:00	5	200	1.09	0.26	7.03	1.59	15.20	0.21	13.7	-9.5	Clear	No Odor
9:05	5	200	1.10	0.52	7.03	1.57	12.10	0.12	13.7	-11.5	Small White Particulates	No Odor
9:10	5	200	1.10	0.78	7.03	1.74	5.16	0.09	13.9	-19.5	Small White Particulates	No Odor
9:15	5	200	1.10	1.04	7.04	1.89	5.16	0.07	13.9	-27.7	Small White Particulates	No Odor
9:20	5	200	1.10	1.30	7.06	1.97	4.26	0.07	13.9	-34.2	Small White Particulates	No Odor
9:25	5	200	1.10	1.56	7.06	2.01	2.51	0.06	13.9	-37.8	Clear	No Odor
9:30	5	200	1.10	1.82	7.07	2.06	3.48	0.04	13.9	-41.2	Clear	No Odor
9:35	5	200	1.10	2.08	7.07	2.09	2.90	0.05	13.9	-43.0	Clear	No Odor
9:40	5	200	1.10	2.34	7.07	2.11	3.47	0.03	13.9	-46.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12075 Brewster; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-125			Date	11-8-21
Project Name/Location		Ford LTP		Weather	45F, sunny		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	0.94	Total Depth (ft-bmp)	11.67	Water Column (ft.)	10.73	Gallons in Well	1.74
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.67				
Sample Time: Label	9:35	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	8:44						ST
Purge End	9:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:45	0	100	0.95	0.00	7.04	1.39	58.50	1.98	12.9	-77.6	Clear, Small Orange Particulates	No Odor
8:50	5	100	0.95	0.13	7.07	1.34	34.00	0.77	12.8	-86.6	Clear, Small Orange Particulates	No Odor
8:55	5	100	0.96	0.26	7.14	1.34	29.00	0.61	13.2	-93.9	Clear	No Odor
9:00	5	100	0.96	0.39	7.20	1.34	25.60	0.47	13.4	-100.8	Clear, Small Orange Particulates	No Odor
9:05	5	100	0.96	0.52	7.22	1.34	22.50	0.49	13.6	-105.3	Clear, Small Orange Particulates	No Odor
9:10	5	100	0.96	0.65	7.23	1.34	17.20	0.45	13.5	-107.4	Clear, Small Orange Particulates	No Odor
9:15	5	100	0.96	0.78	7.24	1.34	15.70	0.53	13.6	-109.4	Clear, Small White Particulates	No Odor
9:20	5	100	0.96	0.91	7.24	1.33	9.89	0.40	13.8	-109.6	Clear	No Odor
9:25	5	100	0.96	1.04	7.24	1.33	10.90	0.47	13.9	-110.7	Clear	No Odor
9:30	5	100	0.96	1.17	7.24	1.33	10.70	0.38	13.9	-111.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	35601 Veronica Ave; Behind Building Near Truck Parking	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-125S			Date	11-8-21
Project Name/Location		Ford LTP		Weather		45F, sunny	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.02	Total Depth (ft-bmp)	6.73	Water Column (ft.)	5.71	Gallons in Well	0.93
		Pump Intake (ft-bmp)	2.52	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.98				
Sample Time: Label	10:30	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	9:49						ST
Purge End	10:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:50	0	100	1.04	0.00	7.02	1.02	0.02	1.77	12.4	-77.8	Clear	No Odor
9:55	5	100	1.04	0.13	6.93	1.01	2.43	0.17	12.7	-77.3	Clear	No Odor
10:00	5	100	1.04	0.26	6.94	1.00	4.44	0.15	12.8	-80.2	Clear	No Odor
10:05	5	100	1.04	0.39	6.95	1.01	3.23	0.15	12.8	-84.3	Clear	No Odor
10:10	5	100	1.04	0.52	5.94	1.01	4.11	0.13	12.9	-85.8	Clear, Small White Particulates	No Odor
10:15	5	100	1.04	0.65	6.94	1.02	2.63	0.11	13.1	-87.1	Clear, Small Black Particulates,	No Odor
10:20	5	100	1.04	0.78	6.94	1.02	2.63	0.11	13.1	-87.1	Clear, Small Black Particulates,	No Odor
10:25	5	100	1.04	0.91	6.94	1.04	3.21	0.11	13.1	-90.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	35601 Veronica Ave; Behind Building Near Truck Parking	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-126S			Date	11-8-21
Project Name/Location		Ford LTP		Weather	53.1 degrees F and Clear. The wind is blowing S/SW at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.93	Total Depth (ft-bmp)	12.75	Water Column (ft.)	4.82	Gallons in Well	0.78
		Pump Intake (ft-bmp)	9.43	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.00				
Sample Time: Label	10:56	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:22						
Purge End	11:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:25	0	100	7.93	0.00	6.50	0.45	7.18	0.97	16.0	43.0	Clear, Small Brown Particulates	No Odor
10:30	5	100	7.93	0.13	6.91	0.41	4.79	0.47	15.9	-19.2	Clear	No Odor
10:35	5	100	7.93	0.26	7.09	0.39	3.91	0.37	16.0	-43.2	Clear	No Odor
10:40	5	100	7.93	0.39	7.19	0.38	2.59	0.37	16.0	-53.6	Clear	No Odor
10:45	5	100	7.93	0.52	7.22	0.37	2.47	0.35	16.2	-59.6	Clear	No Odor
10:50	5	100	7.93	0.65	7.24	0.37	1.90	0.43	16.2	-62.0	Clear	No Odor
10:55	5	100	7.93	0.78	7.29	0.36	1.75	0.40	16.1	-65.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34966 Standish; west side of house	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-127S			Date	11-5-21
Project Name/Location		Ford LTP		Weather	41 F, mostly cloudy, 65% humidity, SSW 4 mph, 30.43 inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.63	Total Depth (ft-bmp)	12.28	Water Column (ft.)	10.65	Gallons in Well	1.73
		Pump Intake (ft-bmp)	3.13	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.90				
Sample Time: Label	11:32	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	10:58						
Purge End	11:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:59	0	200	1.71	0.00	6.94	1.23	2.19	0.54	14.6	-52.8	Clear	No Odor
11:04	5	200	1.71	0.26	6.89	1.22	3.08	0.28	14.8	-37.8	Clear	No Odor
11:09	5	200	1.71	0.52	7.04	1.87	3.95	0.15	15.2	-70.8	Clear	No Odor
11:14	5	200	1.72	0.78	7.08	2.03	2.82	0.09	15.3	-76.4	Clear	No Odor
11:19	5	200	1.72	1.04	7.10	2.07	3.27	0.06	15.4	-79.7	Clear	No Odor
11:24	5	200	1.72	1.30	7.11	2.09	3.05	0.04	15.4	-82.0	Clear	No Odor
11:29	5	200	1.72	1.56	7.12	2.11	2.32	0.05	15.4	-82.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34424 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-128S			Date	11-15-21
Project Name/Location		Ford LTP		Weather	35.1 degrees F and Cloudy. The wind is blowing W at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.60	Total Depth (ft-bmp)	13.08	Water Column (ft.)	6.48	Gallons in Well	1.05
		Pump Intake (ft-bmp)	8.10	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.06				
Sample Time: Label	11:15	Volume Purged	2.16 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	10:12						
Purge End	11:21						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:13	0	140	6.62	0.00	7.45	0.48	3.19	2.52	12.5	180.6	Clear	No Odor
10:18	5	140	6.62	0.18	7.42	0.47	0.02	1.76	13.2	171.4	Clear	No Odor
10:23	5	140	6.62	0.36	7.42	0.46	0.02	1.29	13.3	157.4	Clear	No Odor
10:28	5	140	6.62	0.54	7.41	0.46	0.02	1.36	13.6	152.6	Clear	No Odor
10:33	5	140	6.62	0.72	7.40	0.45	0.02	1.57	13.6	142.3	Clear	No Odor
10:38	5	140	6.62	0.90	7.39	0.45	0.02	1.61	13.6	137.7	Clear	No Odor
10:43	5	140	6.62	1.08	7.37	0.45	0.02	1.57	13.4	132.1	Clear	No Odor
10:48	5	140	6.62	1.26	7.36	0.45	0.02	1.62	13.5	127.1	Clear	No Odor
10:53	5	140	6.62	1.44	7.36	0.46	0.02	1.62	13.6	121.4	Clear	No Odor
10:58	5	140	6.62	1.62	7.37	0.51	0.02	1.56	13.8	113.3	Clear	No Odor
11:03	5	140	6.62	1.80	7.37	0.52	0.02	1.55	13.8	111.1	Clear	No Odor
11:08	5	140	6.62	1.98	7.35	0.54	0.02	1.57	13.8	107.3	Clear	No Odor
11:13	5	140	6.62	2.16	7.34	0.56	0.02	1.57	13.7	106.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34360 Capitol; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-129			Date	11-4-21
Project Name/Location		Ford LTP		Weather	3.3 degC and Cloudy. The wind is blowing at 9.36 km/hr.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.81	Total Depth (ft-bmp)	14.54	Water Column (ft.)	11.73	Gallons in Well	1.91
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.73				
Sample Time: Label	12:06	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	11:28						
Purge End	12:11						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:30	0	150	2.98	0.00	7.33	0.71	25.90	0.27	16.1	-2.9	Clear	No Odor
11:35	5	150	2.98	0.20	7.34	0.72	25.60	0.25	16.3	-7.6	Clear	No Odor
11:40	5	150	2.98	0.40	7.31	0.15	18.80	0.16	16.5	-25.5	Clear	No Odor
11:45	5	150	2.98	0.60	7.31	0.73	16.30	0.12	16.4	-38.1	Clear	No Odor
11:50	5	150	2.98	0.80	7.25	0.73	11.80	0.16	15.8	-45.0	Clear	No Odor
11:55	5	150	2.98	1.00	7.28	0.73	12.60	0.16	15.8	-58.1	Clear	No Odor
12:00	5	150	2.98	1.20	7.27	0.73	12.90	0.15	16.2	-63.2	Clear	No Odor
12:05	5	150	2.98	1.40	7.26	0.73	12.50	0.12	16.1	-66.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	35601 Veronica; back lot	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-129S			Date	11-4-21
Project Name/Location		Ford LTP		Weather	2.2 degC and Cloudy. The wind is blowing at 7.56 km/hr.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.97	Total Depth (ft-bmp)	6.82	Water Column (ft.)	3.85	Gallons in Well	0.63
		Pump Intake (ft-bmp)	4.47	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.54				
Sample Time: Label	11:16	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	10:34						
Purge End	11:21						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:35	0	150	3.01	0.00	6.67	0.71	135.00	1.04	9.7	135.6	Clear	No Odor
10:40	5	150	3.01	0.20	6.77	0.69	11.70	0.27	14.7	115.7	Clear	No Odor
10:45	5	150	3.01	0.40	6.91	0.70	1.01	0.27	15.0	90.7	Clear	No Odor
10:50	5	150	3.01	0.60	6.91	0.70	5.74	0.31	15.2	77.4	Clear	No Odor
10:55	5	150	3.01	0.80	6.89	0.70	1.09	0.26	15.3	64.2	Clear	No Odor
11:00	5	150	3.01	1.00	6.88	0.70	0.77	0.27	15.3	58.7	Clear	No Odor
11:05	5	150	3.01	1.20	6.90	0.71	1.12	0.25	15.3	47.4	Clear	No Odor
11:10	5	150	3.01	1.40	6.89	0.71	0.02	0.26	15.3	40.6	Clear	No Odor
11:15	5	150	3.01	1.60	6.86	0.71	0.02	0.19	15.1	38.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	35601 Veronica; back lot	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-130S			Date	11-4-21
Project Name/Location		Ford LTP		Weather		45 F cloudy	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.70	Total Depth (ft-bmp)	13.20	Water Column (ft.)	10.50	Gallons in Well	1.71
		Pump Intake (ft-bmp)	4.20	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.35				
Sample Time: Label	13:00	Volume Purged	2.31 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	11:59						
Purge End	13:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:00	0	160	2.70	0.00	7.11	0.81	0.02	4.39	13.3	7.9	Clear, Small Red Particulates	No Odor
12:05	5	160	2.70	0.21	7.09	0.81	0.02	3.11	14.2	1.8	Clear, Small Orange Particulates	No Odor
12:10	5	160	2.70	0.42	7.09	0.99	0.02	1.04	14.5	14.1	Clear, Small Orange Particulates	No Odor
12:15	5	160	2.70	0.63	7.21	1.61	1.48	0.60	14.9	23.3	Clear, Small Orange Particulates	No Odor
12:20	5	160	2.70	0.84	7.20	1.60	6.06	0.47	14.9	23.0	Clear, Small Orange Particulates	No Odor
12:25	5	160	2.70	1.05	7.21	1.68	1.69	0.51	15.0	21.8	Clear, Small Black Particulates	No Odor
12:30	5	160	2.70	1.26	7.21	1.71	8.20	0.36	14.9	21.0	Clear, Small Orange Particulates	No Odor
12:35	5	160	2.74	1.47	7.21	1.84	3.53	0.31	15.1	16.9	Clear, Small Orange Particulates	No Odor
12:40	5	160	2.74	1.68	7.21	1.89	1.13	0.29	15.0	13.1	Clear	No Odor
12:45	5	160	2.74	1.89	7.21	1.92	2.42	0.51	15.0	9.0	Clear	No Odor
12:50	5	160	2.74	2.10	7.20	1.91	2.69	0.56	15.0	4.9	Clear	No Odor
12:55	5	160	2.74	2.31	7.18	1.90	2.41	0.53	15.0	2.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34600 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-143S			Date	11-5-21
Project Name/Location		Ford LTP		Weather		40F cloudy	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.80	Total Depth (ft-bmp)	10.51	Water Column (ft.)	3.71	Gallons in Well	0.60
		Pump Intake (ft-bmp)	8.30	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.60				
Sample Time: Label	11:30	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	10:51						
Purge End	11:33						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:52	0	200	6.84	0.00	6.72	0.70	1.24	7.16	14.4	45.3	Clear	No Odor
10:57	5	200	6.84	0.26	6.93	0.72	1.01	2.20	15.6	38.9	Clear	No Odor
11:02	5	200	6.84	0.52	6.99	0.74	2.18	1.58	15.9	36.8	Clear	No Odor
11:07	5	200	6.84	0.78	7.00	0.74	0.33	1.39	15.8	38.7	Clear	No Odor
11:12	5	200	6.84	1.04	7.00	0.75	0.79	1.16	15.7	39.8	Clear	No Odor
11:17	5	200	6.84	1.30	6.99	0.75	0.62	1.14	15.8	39.5	Clear	No Odor
11:22	5	200	6.84	1.56	6.98	0.75	0.29	1.14	15.9	39.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Filled with standing water. J-plug tight. Removed water before removing J-plug.

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12069 Stark; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-144S			Date	11-5-21
Project Name/Location		Ford LTP		Weather		40 F, Sunny	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.61	Total Depth (ft-bmp)	11.72	Water Column (ft.)	4.11	Gallons in Well	0.67
		Pump Intake (ft-bmp)	9.11	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.79				
Sample Time: Label	10:05	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	9:34						
Purge End	10:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:35	0	150	7.61	0.00	6.98	0.59	10.20	3.16	13.1	158.6	Clear	No Odor
9:40	5	150	7.61	0.20	7.12	0.57	9.78	1.11	14.1	131.6	Clear	No Odor
9:45	5	150	7.61	0.40	7.17	0.57	8.10	0.90	14.1	121.7	Clear	No Odor
9:50	5	150	7.61	0.60	7.16	0.57	2.24	0.92	14.2	117.2	Clear	No Odor
9:55	5	150	7.61	0.80	7.15	0.57	1.96	0.88	14.3	114.9	Clear	No Odor
10:00	5	150	7.61	1.00	7.14	0.56	0.02	0.85	14.4	113.4	Clear	No Odor
10:05	5	150	7.62	1.20	7.16	0.56	0.02	0.84	14.4	111.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12033 Stark; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-145S			Date	11-12-21
Project Name/Location		Ford LTP		Weather	43.0 degrees F and Mostly Clear. The wind is blowing S at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.00	Total Depth (ft-bmp)	9.90	Water Column (ft.)	3.90	Gallons in Well	0.63
		Pump Intake (ft-bmp)	7.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.57				
Sample Time: Label	11:50	Volume Purged	2.88 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	10:31						
Purge End	11:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:34	0	180	6.00	0.00	7.15	0.32	18.10	4.00	13.8	147.4	Clear, Small Orange Particulates	No Odor
10:39	5	180	6.00	0.24	7.18	0.35	13.50	3.07	14.0	131.0	Clear, Small White Particulates	No Odor
10:44	5	180	6.08	0.48	7.17	0.36	46.00	2.34	14.1	111.6	Clear, Small Orange Particulates	No Odor
10:49	5	180	6.08	0.72	7.14	0.38	20.00	2.06	14.2	81.4	Clear, Small White Particulates	No Odor
10:54	5	180	6.08	0.96	7.15	0.38	15.90	1.99	14.2	75.0	Turbid	No Odor
10:59	5	180	6.08	1.20	7.16	0.37	8.42	1.83	14.3	55.9	Clear	No Odor
11:04	5	180	6.08	1.44	7.16	0.37	8.42	1.69	14.3	51.8	Clear	No Odor
11:09	5	180	6.08	1.68	7.16	0.37	8.13	1.53	14.3	27.3	Clear	No Odor
11:14	5	180	6.08	1.92	7.16	0.38	5.37	1.45	14.1	24.2	Clear	No Odor
11:19	5	180	6.08	2.16	7.15	0.38	6.44	1.40	14.0	20.3	Clear	No Odor
11:24	5	180	6.08	2.40	7.14	0.38	4.92	1.37	14.0	17.1	Clear	No Odor
11:29	5	180	6.08	2.64	7.14	0.39	3.43	1.43	14.2	0.6	Clear	No Odor
11:34	5	180	6.08	2.88	7.16	0.39	6.98	1.46	13.9	-2.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12087 Stark; backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-146S			Date	11-12-21
Project Name/Location		Ford LTP		Weather	51.1 degrees F and Cloudy. The wind is blowing S/SW at 17.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.10	Total Depth (ft-bmp)	9.84	Water Column (ft.)	4.74	Gallons in Well	0.77
		Pump Intake (ft-bmp)	6.60	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.64				
Sample Time: Label	13:50	Volume Purged	1.26 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	13:03						
Purge End	13:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:05	0	140	5.10	0.00	6.83	1.35	0.22	4.52	13.8	9.2	Clear, Small White Particulates	No Odor
13:10	5	140	5.10	0.18	6.83	1.35	0.02	3.77	13.9	7.8	Clear	No Odor
13:15	5	140	5.10	0.36	6.88	1.34	0.02	3.30	14.0	4.1	Clear	No Odor
13:20	5	140	5.20	0.54	6.90	1.32	0.02	3.01	14.0	1.8	Clear	No Odor
13:25	5	140	5.20	0.72	6.89	1.30	6.87	3.03	13.9	1.3	Clear, Small Black Particulates	No Odor
13:30	5	140	5.20	0.90	6.89	1.27	0.30	2.95	13.8	0.5	Clear	No Odor
13:35	5	140	5.20	1.08	6.89	1.27	0.02	3.01	13.9	0.2	Clear	No Odor
13:40	5	140	5.20	1.26	6.90	1.27	0.02	2.83	13.8	-0.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34367 Capitol; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-147S			Date	11-11-21
Project Name/Location		Ford LTP		Weather	59.0 degrees F and Cloudy. The wind is blowing S/SE at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.30	Total Depth (ft-bmp)	6.70	Water Column (ft.)	3.40	Gallons in Well	0.55
		Pump Intake (ft-bmp)	4.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.18				
Sample Time: Label	12:25	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	11:45						
Purge End	12:27						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:47	0	150	3.39	0.00	7.24	1.40	3.85	1.50	13.9	17.6	Clear	No Odor
11:52	5	150	3.40	0.20	7.14	1.36	2.14	1.03	13.8	17.7	Clear	No Odor
11:57	5	150	3.41	0.40	7.12	1.35	0.02	0.69	13.8	15.5	Clear	No Odor
12:02	5	150	3.41	0.60	7.12	1.33	0.95	0.62	13.8	15.7	Clear	No Odor
12:07	5	150	3.41	0.80	7.13	1.34	1.50	0.57	13.7	14.8	Clear	No Odor
12:12	5	150	3.41	1.00	7.13	1.33	0.02	0.54	13.8	14.5	Clear	No Odor
12:17	5	150	3.41	1.20	7.13	1.34	0.02	0.52	13.7	13.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34401 Capitol; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-148S			Date	11-9-21
Project Name/Location		Ford LTP		Weather	57F, Cloudy, 56% humidity, ne 6 mph, 30.1 inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.86	Total Depth (ft-bmp)	6.30	Water Column (ft.)	4.44	Gallons in Well	0.72
		Pump Intake (ft-bmp)	3.36	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.17				
Sample Time: Label	13:55	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	13:20						
Purge End	13:59						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:22	0	200	1.92	0.00	7.04	1.52	54.80	0.75	13.5	-72.8	Clear, Cloudy, Small White Particulates	No Odor
13:27	5	200	1.92	0.26	6.96	1.45	54.80	0.32	13.6	-68.4	Clear, Cloudy, Small White Particulates	No Odor
13:32	5	200	1.93	0.52	6.98	1.42	10.20	0.20	13.7	-63.9	Clear, Small White Particulates	No Odor
13:37	5	200	1.92	0.78	6.99	1.42	1.47	0.13	13.7	-63.7	Clear	No Odor
13:42	5	200	1.92	1.04	7.00	1.42	0.02	0.10	13.7	-63.2	Clear	No Odor
13:47	5	200	1.92	1.30	7.00	1.41	0.02	0.09	13.7	-62.5	Clear	No Odor
13:52	5	200	1.92	1.56	7.01	1.42	0.02	0.09	13.7	-60.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12088 Brewster, side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-149S			Date	11-8-21
Project Name/Location		Ford LTP		Weather	54 F, Sunny, 57% humidity, SSW 11 mph, 30.15inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	0.76	Total Depth (ft-bmp)	6.42	Water Column (ft.)	5.66	Gallons in Well	0.92
		Pump Intake (ft-bmp)	2.26	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.70				
Sample Time: Label	11:02	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	10:27						
Purge End	11:06						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:29	0	200	0.81	0.00	7.58	2.37	8.44	0.55	14.1	-147.5	Small Brown Particulates	No Odor
10:34	5	200	0.81	0.26	7.19	2.34	4.87	0.11	14.1	-126.6	Clear	No Odor
10:39	5	200	0.82	0.52	7.12	2.31	3.02	0.07	14.2	-117.3	Clear	No Odor
10:44	5	200	0.82	0.78	7.11	2.30	1.73	0.05	14.1	-113.2	Clear	No Odor
10:49	5	200	0.82	1.04	7.10	2.29	2.46	0.02	14.1	-110.2	Clear	No Odor
10:54	5	200	0.82	1.30	7.10	2.29	1.53	0.02	14.1	-108.5	Clear	No Odor
10:59	5	200	0.83	1.56	7.10	2.30	3.23	0.01	14.1	-107.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34450 Beacon, back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-150S			Date	11-8-21
Project Name/Location		Ford LTP		Weather	61 F, Sunny, 46% humidity, SSW 13mph, 30.13inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.89	Total Depth (ft-bmp)	6.71	Water Column (ft.)	3.82	Gallons in Well	0.62
		Pump Intake (ft-bmp)	4.39	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.52				
Sample Time: Label	12:45	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	12:11						
Purge End	12:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:12	0	200	2.95	0.00	6.91	1.34	1.07	0.46	15.7	-9.0	Clear	No Odor
12:17	5	200	2.96	0.26	6.85	1.26	1.81	0.28	15.8	6.7	Clear	No Odor
12:22	5	200	2.96	0.52	6.87	1.25	1.98	0.18	15.9	11.2	Clear	No Odor
12:27	5	200	2.97	0.78	6.87	1.29	0.39	0.11	15.9	8.7	Clear	No Odor
12:32	5	200	2.96	1.04	6.88	1.31	0.36	0.06	15.9	7.5	Clear	No Odor
12:37	5	200	2.97	1.30	6.89	1.33	1.20	0.05	16.0	3.0	Clear	No Odor
12:42	5	200	2.97	1.56	6.89	1.34	0.76	0.07	16.0	0.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	34380 Beacon; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-151S			Date	11-9-21
Project Name/Location		Ford LTP		Weather	57 F, Cloudy, 67% humidity, ENE 7mph, 30.13inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.69	Total Depth (ft-bmp)	6.91	Water Column (ft.)	5.22	Gallons in Well	0.85
		Pump Intake (ft-bmp)	3.19	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.84				
Sample Time: Label	12:10	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	11:33						
Purge End	12:13						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:34	0	200	1.72	0.00	7.28	2.13	21.20	1.16	14.6	-99.9	Clear, Small White Particulates	No Odor
11:39	5	200	1.72	0.26	7.13	2.19	6.92	0.20	14.9	-96.2	Clear, Small White Particulates	No Odor
11:44	5	200	1.72	0.52	7.11	2.25	0.35	0.12	14.9	-93.4	Clear	No Odor
11:49	5	200	1.72	0.78	7.11	2.33	0.89	0.06	15.0	-91.3	Clear	No Odor
11:54	5	200	1.72	1.04	7.11	2.36	0.02	0.03	15.1	-90.3	Clear	No Odor
11:59	5	200	1.72	1.30	7.11	2.39	0.47	0.02	15.1	-89.3	Clear	No Odor
12:04	5	200	1.72	1.56	7.11	2.40	0.02	0.01	15.1	-88.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12091 Brewster, back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-152S			Date	11-4-21
Project Name/Location		Ford LTP		Weather	45F		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.80	Total Depth (ft-bmp)	7.60	Water Column (ft.)	4.80	Gallons in Well	0.78
		Pump Intake (ft-bmp)	4.30	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.85				
Sample Time: Label	16:25	Volume Purged	2.22 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	15:16						
Purge End	16:29						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:19	0	160	2.80	0.00	6.46	0.12	30.90	4.00	13.4	37.9	Turbid	No Odor
15:24	5	160	2.80	0.21	6.53	0.10	32.50	2.75	13.9	22.0	Turbid	No Odor
15:29	5	140	2.80	0.42	6.55	0.10	30.10	2.05	13.9	24.1	Turbid	No Odor
15:34	5	140	2.80	0.60	6.55	0.11	31.50	1.80	13.8	26.7	Turbid	No Odor
15:39	5	140	2.80	0.78	6.55	0.11	29.60	1.79	13.5	28.9	Turbid	No Odor
15:44	5	140	2.80	0.96	6.58	0.12	30.80	1.69	13.5	32.9	Turbid	No Odor
15:49	5	140	2.80	1.14	6.61	0.13	28.10	1.62	13.5	33.8	Turbid	No Odor
15:54	5	140	2.80	1.32	6.68	0.13	28.40	1.53	13.4	33.2	Turbid	No Odor
15:59	5	140	2.80	1.50	6.75	0.14	24.40	1.44	13.5	33.1	Turbid	No Odor
16:04	5	140	2.80	1.68	6.78	0.16	23.50	1.44	13.5	37.1	Turbid	No Odor
16:09	5	140	2.80	1.86	6.90	0.19	18.40	1.16	13.8	35.9	Turbid	No Odor
16:14	5	140	2.80	2.04	7.01	0.24	16.90	0.99	13.8	36.5	Clear	No Odor
16:19	5	140	2.80	2.22	7.03	0.28	16.30	1.90	14.0	38.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Water ontop of J-plug before removing. J-plug tight

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34550 Beacon, back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-153S			Date	11-9-21
Project Name/Location		Ford LTP		Weather		50F, cloudy	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.69	Total Depth (ft-bmp)	5.98	Water Column (ft.)	4.29	Gallons in Well	0.70
		Pump Intake (ft-bmp)	3.19	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.93				
Sample Time: Label	12:20	Volume Purged	0.65 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	11:40						ST
Purge End	12:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:45	0	0	1.70	0.00	7.16	0.72	0.02	1.09	14.0	148.8	Clear	No Odor
11:50	5	100	1.70	0.00	7.10	0.72	0.02	0.51	14.0	143.5	Clear	No Odor
11:55	5	100	1.70	0.13	7.09	0.72	0.02	0.47	14.0	142.0	Clear	No Odor
12:00	5	100	1.70	0.26	7.12	0.71	0.02	0.30	14.1	128.6	Clear	No Odor
12:05	5	100	1.70	0.39	7.12	0.71	0.02	0.30	14.1	123.8	Clear	No Odor
12:10	5	100	1.70	0.52	7.12	0.71	0.02	0.30	14.1	119.9	Clear	No Odor
12:15	5	100	1.70	0.65	7.12	0.71	0.02	0.30	14.1	116.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34664 Beacon; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-154S			Date	11-8-21
Project Name/Location		Ford LTP		Weather	53.1 degrees F and Clear. The wind is blowing S/SW at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.16	Total Depth (ft-bmp)	7.01	Water Column (ft.)	3.85	Gallons in Well	0.63
		Pump Intake (ft-bmp)	4.66	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.05				
Sample Time: Label	11:33	Volume Purged	1.92 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:45						
Purge End	11:37						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:46	0	175	3.30	0.00	6.29	0.33	52.80	4.72	12.5	106.2	Cloudy	No Odor
10:51	5	175	3.31	0.23	7.20	0.31	37.90	3.61	13.3	77.1	Clear	No Odor
10:56	5	175	3.32	0.46	7.40	0.32	22.70	2.92	13.5	68.7	Clear	No Odor
11:01	5	175	3.32	0.69	7.44	0.32	14.50	2.59	13.6	65.3	Clear	No Odor
11:06	5	150	3.31	0.92	7.46	0.33	7.48	2.09	13.8	62.0	Clear	No Odor
11:11	5	150	3.31	1.12	7.46	0.33	6.00	1.81	13.8	58.7	Clear	No Odor
11:16	5	150	3.31	1.32	7.45	0.33	4.33	1.53	13.9	56.8	Clear	No Odor
11:21	5	150	3.31	1.52	7.46	0.34	3.19	1.09	14.0	54.2	Clear	No Odor
11:26	5	150	3.31	1.72	7.46	0.34	2.02	1.08	14.0	52.4	Clear	No Odor
11:31	5	150	3.31	1.92	7.44	0.34	1.42	1.16	14.1	52.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34682 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-155S			Date	11-4-21
Project Name/Location		Ford LTP		Weather		Overcast temp 45	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.30	Total Depth (ft-bmp)	6.42	Water Column (ft.)	4.12	Gallons in Well	0.67
		Pump Intake (ft-bmp)	3.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.33				
Sample Time: Label	15:11	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:07						
Purge End	15:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:10	0	100	2.30	0.00	6.85	1.21	64.90	0.54	14.7	-11.2	Clear, Small Brown Particulates	No Odor
14:15	5	100	2.30	0.13	6.85	1.20	38.10	0.31	14.8	-11.2	Clear, Small Brown Particulates	No Odor
14:20	5	100	2.30	0.26	6.85	1.20	28.80	0.28	15.0	-12.0	Clear, Small Brown Particulates	No Odor
14:25	5	100	2.30	0.39	6.86	1.19	21.90	0.27	15.0	-12.7	Clear, Small Brown Particulates	No Odor
14:30	5	100	2.30	0.52	6.86	1.19	17.80	0.22	15.0	-13.3	Clear	No Odor
14:35	5	100	2.30	0.65	6.86	1.18	14.20	0.20	15.0	-14.4	Clear	No Odor
14:40	5	100	2.30	0.78	6.87	1.18	13.80	0.18	15.1	-16.7	Clear	No Odor
14:45	5	100	2.30	0.91	6.87	1.18	11.80	0.17	15.1	-19.8	Clear	No Odor
14:50	5	100	2.30	1.04	6.89	1.17	6.25	0.15	15.1	-25.0	Clear	No Odor
14:55	5	100	2.30	1.17	6.89	1.17	7.10	0.14	15.2	-26.0	Clear	No Odor
15:00	5	100	2.30	1.30	6.89	1.17	6.12	0.14	15.2	-27.4	Clear	No Odor
15:05	5	100	2.30	1.43	6.90	1.16	5.88	0.14	15.2	-30.4	Clear	No Odor
15:10	5	100	2.30	1.56	6.89	1.16	5.16	0.12	15.1	-31.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Vault had 4 inches of water, bailed out water before opening j-plug

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12066 Boston Post; front yard south side	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-156S			Date	11-5-21
Project Name/Location		Ford LTP		Weather	Overcast temp 37 slight breeze		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.71	Total Depth (ft-bmp)	7.60	Water Column (ft.)	3.89	Gallons in Well	0.63
		Pump Intake (ft-bmp)	5.21	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.24				
Sample Time: Label	13:16	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:13						
Purge End	13:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:15	0	125	3.78	0.00	7.12	0.46	12.70	3.41	14.2	74.7	Clear	No Odor
12:20	5	125	3.77	0.17	7.12	0.46	10.80	2.80	14.3	72.5	Clear	No Odor
12:25	5	125	3.77	0.34	7.09	0.46	11.70	2.58	14.4	71.6	Clear	No Odor
12:30	5	125	3.77	0.51	7.07	0.47	12.20	2.48	14.6	64.1	Clear	No Odor
12:35	5	125	3.77	0.68	7.07	0.47	12.10	2.32	14.7	56.7	Clear	No Odor
12:40	5	125	3.77	0.85	7.06	0.48	11.10	2.11	14.6	41.6	Clear	No Odor
12:45	5	125	3.77	1.02	7.05	0.49	9.75	2.02	14.7	29.4	Clear	No Odor
12:50	5	125	3.77	1.19	7.04	0.49	8.60	1.98	14.5	19.5	Clear	No Odor
12:55	5	125	3.77	1.36	7.04	0.50	8.59	1.80	14.5	14.7	Clear	No Odor
13:00	5	125	3.77	1.53	7.04	0.50	6.62	1.81	14.5	12.5	Clear	No Odor
13:05	5	125	3.77	1.70	7.03	0.50	6.40	1.78	14.6	9.5	Clear	No Odor
13:10	5	125	3.77	1.87	7.03	0.50	5.30	1.98	14.6	7.1	Clear	No Odor
13:15	5	125	3.77	2.04	7.03	0.50	4.99	2.01	14.6	6.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12100 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-157S			Date	11-5-21
Project Name/Location		Ford LTP		Weather	43 degrees F partly cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.93	Total Depth (ft-bmp)	7.19	Water Column (ft.)	3.26	Gallons in Well	0.53
		Pump Intake (ft-bmp)	5.43	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.87				
Sample Time: Label	13:55	Volume Purged	2.05 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	13:03						
Purge End	14:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:04	0	170	3.99	0.00	5.89	0.18	0.37	4.72	13.9	123.7	Clear	No Odor
13:09	5	150	4.02	0.22	7.09	0.12	0.86	4.32	14.3	63.5	Clear	No Odor
13:14	5	150	4.02	0.42	7.28	0.12	0.02	4.13	14.4	45.3	Clear	No Odor
13:19	5	150	4.03	0.62	7.38	0.12	0.02	3.71	14.4	34.6	Clear	No Odor
13:24	5	150	4.04	0.82	7.50	0.13	0.02	3.43	14.4	25.7	Clear	No Odor
13:29	5	175	4.05	1.02	7.59	0.13	0.02	3.16	14.5	18.9	Clear	No Odor
13:34	5	150	4.02	1.25	7.59	0.13	0.02	3.02	14.3	14.5	Clear	No Odor
13:39	5	150	4.01	1.45	7.63	0.13	0.02	2.57	14.4	10.7	Clear	No Odor
13:44	5	150	4.01	1.65	7.70	0.13	0.02	2.26	14.3	5.9	Clear	No Odor
13:49	5	150	4.01	1.85	7.70	0.13	0.02	2.38	14.3	4.3	Clear	No Odor
13:54	5	150	4.01	2.05	7.72	0.13	0.02	2.25	14.3	2.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12067 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-158S			Date	11-4-21
Project Name/Location		Ford LTP		Weather		35F, overcast	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.35	Total Depth (ft-bmp)	7.36	Water Column (ft.)	3.01	Gallons in Well	0.49
		Pump Intake (ft-bmp)	5.85	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.33				
Sample Time: Label	9:05	Volume Purged	0.65 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	8:29						ST
Purge End	9:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:30	0	0	4.35	0.00	6.96	0.10	0.55	7.71	11.6	195.3	Clear	No Odor
8:35	5	100	4.36	0.00	6.96	0.12	0.02	7.68	12.1	196.2	Clear	No Odor
8:40	5	100	4.36	0.13	6.99	0.12	0.02	7.68	12.3	196.2	Clear	No Odor
8:45	5	100	4.36	0.26	6.99	0.12	0.02	7.68	12.3	197.6	Clear	No Odor
8:50	5	100	4.36	0.39	6.99	0.12	0.02	7.69	12.3	197.9	Clear	No Odor
8:55	5	100	4.36	0.52	6.99	0.12	0.02	7.69	12.3	198.3	Clear	No Odor
9:00	5	100	4.36	0.65	6.99	0.12	0.02	7.69	12.3	198.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34950 Beacon; backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-159S			Date	11-3-21
Project Name/Location		Ford LTP		Weather	43 F, Sunny, 52% humidity, 30.39inHg, w 9pmh		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.13	Total Depth (ft-bmp)	8.48	Water Column (ft.)	3.35	Gallons in Well	0.54
		Pump Intake (ft-bmp)	6.63	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.30				
Sample Time: Label	13:20	Volume Purged	2.86 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	12:18						
Purge End	13:22						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:19	0	200	5.21	0.00	8.89	0.36	5.40	7.29	14.1	-38.5	Clear	No Odor
12:24	5	200	5.21	0.26	7.78	0.30	3.03	3.70	14.5	-16.0	Clear	No Odor
12:29	5	200	5.22	0.52	7.66	0.29	2.68	2.41	14.5	-4.8	Clear	No Odor
12:34	5	200	5.22	0.78	7.70	0.29	2.47	1.76	14.5	3.2	Clear	No Odor
12:39	5	200	5.22	1.04	7.72	0.29	2.25	1.45	14.6	9.4	Clear	No Odor
12:44	5	200	5.22	1.30	7.73	0.29	2.63	1.28	14.5	14.7	Clear	No Odor
12:49	5	200	5.22	1.56	7.75	0.29	2.94	1.12	14.6	19.1	Clear	No Odor
12:54	5	200	5.22	1.82	7.75	0.29	1.79	1.03	14.6	22.5	Clear	No Odor
12:59	5	200	5.22	2.08	7.76	0.29	2.77	0.94	14.6	25.0	Clear	No Odor
13:04	5	200	5.22	2.34	7.76	0.29	3.26	0.79	14.6	27.0	Clear	No Odor
13:09	5	200	5.22	2.60	7.76	0.29	2.36	0.77	14.6	28.8	Clear	No Odor
13:14	5	200	5.22	2.86	7.76	0.29	1.27	0.76	14.6	30.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34920 Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-160S			Date	11-5-21
Project Name/Location		Ford LTP		Weather	40 degrees F partly cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.39	Total Depth (ft-bmp)	8.32	Water Column (ft.)	3.93	Gallons in Well	0.64
		Pump Intake (ft-bmp)	5.89	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.36				
Sample Time: Label	10:13	Volume Purged	2.15 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	9:20						
Purge End	10:17						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:21	0	150	4.55	0.00	7.78	0.55	93.00	3.88	12.6	191.3	Clear	No Odor
9:26	5	150	4.55	0.20	9.36	0.53	79.80	3.27	13.2	153.4	Clear	No Odor
9:31	5	150	4.55	0.40	9.04	0.51	56.80	2.91	13.7	152.6	Clear	No Odor
9:36	5	175	4.55	0.60	8.37	0.48	38.20	2.32	14.1	149.2	Clear	No Odor
9:41	5	200	4.56	0.83	7.63	0.46	24.40	1.69	14.5	140.9	Clear	No Odor
9:46	5	175	4.56	1.09	7.28	0.45	13.20	1.28	14.6	111.1	Clear	No Odor
9:51	5	175	4.56	1.32	7.13	0.45	6.47	0.81	14.8	-0.3	Clear	No Odor
9:56	5	150	4.55	1.55	7.05	0.44	6.31	0.74	14.5	-34.2	Clear	No Odor
10:01	5	150	4.55	1.75	7.01	0.44	3.88	0.70	14.3	-38.9	Clear	No Odor
10:06	5	150	4.55	1.95	7.03	0.46	2.05	0.65	14.4	-43.1	Clear	No Odor
10:11	5	150	4.55	2.15	7.03	0.46	1.58	0.64	14.4	-46.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12141 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-161S			Date	11-3-21
Project Name/Location		Ford LTP		Weather		28F, cloudy	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.06	Total Depth (ft-bmp)	7.27	Water Column (ft.)	4.21	Gallons in Well	0.68
		Pump Intake (ft-bmp)	4.56	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.15				
Sample Time: Label	9:05	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	8:26						ST
Purge End	9:07						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:30	0	100	3.19	0.00	6.82	0.70	10.20	0.64	14.1	-2.0	Clear	No Odor
8:35	5	100	3.20	0.13	7.04	0.66	5.84	0.30	14.4	-79.1	Clear	No Odor
8:40	5	100	3.20	0.26	7.07	0.63	2.55	0.28	14.5	-90.7	Clear	No Odor
8:45	5	100	3.20	0.39	7.07	0.62	0.02	0.28	14.5	-90.1	Clear	No Odor
8:50	5	100	3.20	0.52	7.07	0.63	0.02	0.29	14.5	-90.2	Clear	No Odor
8:55	5	100	3.20	0.65	7.07	0.63	0.02	0.29	14.5	-89.9	Clear	No Odor
9:00	5	100	3.20	0.78	7.07	0.63	0.02	0.29	14.5	-89.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34851 Beacon, corner of yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-162S			Date	11-4-21
Project Name/Location		Ford LTP		Weather	45 F, Cloudy, 52% humidity, NW 8 mph, 30.34 inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.21	Total Depth (ft-bmp)	7.67	Water Column (ft.)	3.46	Gallons in Well	0.56
		Pump Intake (ft-bmp)	5.71	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.57				
Sample Time: Label	13:41	Volume Purged	3.12 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	12:35						
Purge End	13:44						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:40	0	200	4.25	0.00	6.74	0.20	4.62	6.71	14.3	75.6	Clear	No Odor
12:45	5	200	4.25	0.26	6.63	0.19	3.79	6.42	14.3	83.7	Clear	No Odor
12:50	5	200	4.25	0.52	6.65	0.18	3.59	6.17	14.3	94.0	Clear	No Odor
12:55	5	200	4.25	0.78	6.67	0.15	2.17	6.41	14.3	99.8	Clear	No Odor
13:00	5	200	4.25	1.04	6.70	0.15	3.21	6.24	14.4	102.4	Clear	No Odor
13:05	5	200	4.25	1.30	6.73	0.16	2.40	6.18	14.4	105.5	Clear	No Odor
13:10	5	200	4.25	1.56	6.75	0.16	1.63	6.22	14.4	108.8	Clear	No Odor
13:15	5	200	4.25	1.82	6.76	0.17	1.66	6.09	14.4	110.4	Clear	No Odor
13:20	5	200	4.25	2.08	6.80	0.17	1.66	6.13	14.4	109.4	Clear	No Odor
13:25	5	200	4.25	2.34	6.84	0.18	3.10	6.14	14.5	107.3	Clear	No Odor
13:30	5	200	4.25	2.60	6.88	0.19	1.76	6.03	14.4	105.4	Clear	No Odor
13:35	5	200	4.25	2.86	6.92	0.20	1.85	6.06	14.4	106.3	Clear	No Odor
13:40	5	200	4.25	3.12	6.94	0.21	2.14	6.12	14.5	105.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Bentonite over J-plug, J-plug tight. Removed Bentonite Over plug before removing.

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12017 Brewster, side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-163S			Date	11-9-21
Project Name/Location		Ford LTP		Weather	45F, cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.89	Total Depth (ft-bmp)	6.75	Water Column (ft.)	2.86	Gallons in Well	0.46
		Pump Intake (ft-bmp)	5.39	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.70				
Sample Time: Label	11:05	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	10:25						
Purge End	11:10						

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Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	100	3.89	0.00	7.22	0.45	1.19	2.40	13.6	130.0	Clear	No Odor
10:35	5	100	3.91	0.13	7.17	0.45	0.02	1.79	13.6	126.9	Clear	No Odor
10:40	5	100	3.92	0.26	7.16	0.45	0.02	1.53	13.6	123.6	Clear	No Odor
10:45	5	100	3.93	0.39	7.16	0.45	0.02	1.45	13.5	122.2	Clear	No Odor
10:50	5	100	3.93	0.52	7.16	0.45	0.02	1.47	13.5	120.8	Clear	No Odor
10:55	5	100	3.93	0.65	7.17	0.45	0.02	1.48	13.5	119.4	Clear	No Odor
11:00	5	100	3.93	0.78	7.18	0.45	0.02	1.40	13.5	117.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34591 Beacon, front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-164S			Date	11-8-21
Project Name/Location		Ford LTP		Weather	46.9 degrees F and Haze. The wind is blowing S/SW at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.78	Total Depth (ft-bmp)	7.49	Water Column (ft.)	3.71	Gallons in Well	0.60
		Pump Intake (ft-bmp)	5.28	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.38				
Sample Time: Label	10:15	Volume Purged	2.03 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	9:22						
Purge End	10:19						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:23	0	125	4.05	0.00	6.92	0.35	97.80	7.90	11.8	176.1	Cloudy	No Odor
9:28	5	150	4.07	0.17	7.99	0.25	78.80	7.61	12.5	136.5	Cloudy	No Odor
9:33	5	175	4.09	0.37	7.84	0.20	40.70	6.92	13.0	112.9	Clear	No Odor
9:38	5	175	4.09	0.60	7.65	0.17	32.00	6.47	13.2	102.2	Clear	No Odor
9:43	5	175	4.10	0.83	7.53	0.16	23.80	6.15	13.3	95.8	Clear	No Odor
9:48	5	125	4.08	1.06	7.45	0.15	18.20	6.04	13.3	92.6	Clear	No Odor
9:53	5	150	4.09	1.23	7.45	0.16	12.80	5.92	13.4	90.3	Clear	No Odor
9:58	5	150	4.09	1.43	7.45	0.16	9.27	5.67	13.5	86.0	Clear	No Odor
10:03	5	150	4.08	1.63	7.47	0.16	8.89	5.53	13.5	83.7	Clear	No Odor
10:08	5	150	4.09	1.83	7.44	0.16	9.78	5.56	13.5	82.7	Clear	No Odor
10:13	5	150	4.09	2.03	7.44	0.17	9.11	5.55	13.5	80.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot				
1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34637 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-165S			Date	11-4-21
Project Name/Location		Ford LTP		Weather		Overcast temp 45	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.72	Total Depth (ft-bmp)	6.25	Water Column (ft.)	3.53	Gallons in Well	0.57
		Pump Intake (ft-bmp)	4.22	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.05				
Sample Time: Label	13:31	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:43						
Purge End	13:41						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:45	0	100	2.77	0.00	6.90	0.53	5.37	2.89	14.2	81.4	Clear	No Odor
12:50	5	100	2.77	0.13	6.92	0.54	15.90	2.32	14.3	82.5	Clear	No Odor
12:55	5	100	2.77	0.26	6.92	0.54	14.70	2.21	14.2	82.2	Clear	No Odor
13:00	5	100	2.77	0.39	6.92	0.55	11.60	1.91	14.2	81.7	Clear	No Odor
13:05	5	100	2.77	0.52	6.94	0.55	10.30	1.94	14.2	78.7	Clear	No Odor
13:10	5	100	2.77	0.65	6.95	0.55	7.18	1.74	14.2	76.7	Clear	No Odor
13:15	5	100	2.77	0.78	6.94	0.55	6.29	1.75	14.2	77.3	Clear	No Odor
13:20	5	100	2.77	0.91	6.95	0.55	4.88	1.80	14.2	74.2	Clear	No Odor
13:25	5	100	2.77	1.04	6.95	0.55	4.38	1.76	14.3	73.3	Clear	No Odor
13:30	5	100	2.77	1.17	6.95	0.55	3.50	1.77	14.3	72.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Well vault had 6 inches of water, bailed out before opening j-plug

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34669 Beacon; front yard west end	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-166S			Date	11-15-21
Project Name/Location		Ford LTP		Weather	39.0 degrees F and Cloudy. The wind is blowing W at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.60	Total Depth (ft-bmp)	10.60	Water Column (ft.)	4.00	Gallons in Well	0.65
		Pump Intake (ft-bmp)	8.10	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.58				
Sample Time: Label	15:25	Volume Purged	1.68 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	14:32						
Purge End	15:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:34	0	160	6.65	0.00	7.54	0.68	0.02	1.95	12.5	15.7	Clear, Small Brown Particulates	No Odor
14:39	5	160	6.65	0.21	7.53	0.74	0.02	1.81	12.7	14.8	Clear, Small Brown Particulates	No Odor
14:44	5	160	6.65	0.42	7.47	1.03	2.21	1.13	12.9	14.3	Clear, Small Brown Particulates	No Odor
14:49	5	160	6.65	0.63	7.39	1.36	0.02	0.88	13.0	13.2	Clear, Small Brown Particulates	No Odor
14:54	5	160	6.65	0.84	7.31	1.66	0.02	0.81	12.9	9.8	Clear	No Odor
14:59	5	160	6.65	1.05	7.30	1.73	0.02	0.73	13.1	6.3	Clear	No Odor
15:04	5	160	6.65	1.26	7.29	1.80	0.02	0.62	13.0	3.5	Clear	No Odor
15:09	5	160	6.65	1.47	7.28	1.83	0.02	0.64	13.1	0.1	Clear	No Odor
15:14	5	160	6.65	1.68	7.29	1.83	0.02	0.64	13.1	-2.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12147 stark; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-167S			Date	11-2-21
Project Name/Location		Ford LTP		Weather	6.7 degC and Mostly Cloudy. The wind is blowing at 16.56 km/hr.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.02	Total Depth (ft-bmp)	9.20	Water Column (ft.)	4.18	Gallons in Well	0.68
		Pump Intake (ft-bmp)	6.52	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.35				
Sample Time: Label	15:00	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	14:19						
Purge End	15:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:20	0	150	5.04	0.00	7.28	0.69	12.30	5.30	15.3	67.7	Clear	No Odor
14:25	5	150	5.04	0.20	7.28	0.69	11.40	4.96	15.1	68.0	Clear	No Odor
14:30	5	150	5.04	0.40	7.26	0.68	12.30	4.77	15.3	70.6	Clear	No Odor
14:35	5	150	5.04	0.60	7.20	0.68	7.62	4.39	15.3	75.8	Clear	No Odor
14:40	5	150	5.04	0.80	7.20	0.68	6.05	4.45	15.1	75.8	Clear	No Odor
14:45	5	150	5.04	1.00	7.14	0.68	5.64	4.45	15.0	79.2	Clear	No Odor
14:50	5	150	5.04	1.20	7.12	0.68	2.16	4.52	14.8	80.9	Clear	No Odor
14:55	5	150	5.04	1.40	7.20	0.68	2.11	4.53	15.0	76.9	Clear	No Odor
15:00	5	150	5.04	1.60	7.19	0.68	1.36	4.42	15.1	77.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12001 Stark; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-168S			Date	11-10-21
Project Name/Location		Ford LTP		Weather	57 F, Mostly Sunny, 36% humidity, ESE 5 mph, 30.18 inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.79	Total Depth (ft-bmp)	6.78	Water Column (ft.)	3.99	Gallons in Well	0.65
		Pump Intake (ft-bmp)	4.29	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.15				
Sample Time: Label	15:00	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	14:19						
Purge End	15:03						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:20	0	150	2.82	0.00	7.65	1.15	5.13	2.92	13.7	57.0	Clear	No Odor
14:25	5	150	2.83	0.20	7.27	1.14	1.12	2.24	13.9	63.6	Clear	No Odor
14:30	5	150	2.83	0.40	7.22	1.13	1.43	1.97	13.9	66.4	Clear	No Odor
14:35	5	150	2.83	0.60	7.19	1.13	0.57	1.81	13.9	66.1	Clear	No Odor
14:40	5	150	2.83	0.80	7.19	1.11	0.38	1.94	13.8	67.5	Clear	No Odor
14:45	5	150	2.84	1.00	7.18	1.12	0.24	1.59	13.8	66.9	Clear	No Odor
14:50	5	150	2.84	1.20	7.18	1.12	0.27	1.49	13.8	64.7	Clear	No Odor
14:55	5	150	2.84	1.40	7.18	1.12	0.02	1.57	13.8	65.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34480 Capitol; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-169S			Date	11-10-21
Project Name/Location		Ford LTP		Weather	45 F, Partly Cloudy, 60% humidity, ENE 3 mph, 30.24inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.56	Total Depth (ft-bmp)	6.49	Water Column (ft.)	3.93	Gallons in Well	0.64
		Pump Intake (ft-bmp)	4.06	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.88				
Sample Time: Label	11:45	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	11:10						
Purge End	11:49						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:12	0	150	2.66	0.00	7.58	1.15	1.12	1.30	13.4	-7.5	Clear	No Odor
11:17	5	150	2.61	0.20	7.22	1.08	2.27	0.48	13.6	-5.2	Clear	No Odor
11:22	5	150	2.61	0.40	7.18	1.05	3.54	0.33	13.7	-4.0	Clear	No Odor
11:27	5	150	2.61	0.60	7.15	1.06	1.67	0.24	13.7	1.5	Clear	No Odor
11:32	5	150	2.61	0.80	7.14	1.05	0.91	0.19	13.7	4.2	Clear	No Odor
11:37	5	150	2.61	1.00	7.14	1.06	0.41	0.20	13.7	6.3	Clear	No Odor
11:42	5	2	2.61	1.20	7.14	1.06	0.02	0.20	13.7	5.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34450 Capitol; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-170S			Date	11-3-21
Project Name/Location		Ford LTP		Weather		30F, sunny	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.36	Total Depth (ft-bmp)	9.53	Water Column (ft.)	4.17	Gallons in Well	0.68
		Pump Intake (ft-bmp)	6.86	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.15				
Sample Time: Label	11:10	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	10:29						ST
Purge End	11:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	0	5.36	0.00	6.83	0.30	27.20	3.17	13.1	-37.2	Clear, Small Orange Particulates	No Odor
10:35	5	100	5.36	0.00	6.81	0.30	21.00	2.81	13.9	-21.9	Clear, Small Orange Particulates	No Odor
10:40	5	100	5.36	0.13	6.81	0.30	16.20	2.81	13.9	-21.9	Clear, Small Orange Particulates	No Odor
10:45	5	100	5.36	0.26	6.81	0.30	10.30	2.81	13.9	-21.9	Clear, Small Orange Particulates	No Odor
10:50	5	100	5.37	0.39	6.78	0.30	5.61	2.75	14.0	-23.8	Clear, Small Orange Particulates	No Odor
10:55	5	100	5.37	0.52	6.75	0.31	0.02	2.63	14.2	-30.8	Clear, Small Orange Particulates	No Odor
11:00	5	100	5.38	0.65	6.75	0.31	0.02	2.62	14.2	-30.9	Clear	No Odor
11:05	5	100	5.38	0.78	6.75	0.32	0.02	2.61	14.2	-31.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34991 Beacon; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-171S			Date	11-9-21
Project Name/Location		Ford LTP		Weather	50 F, Cloudy, 87% humidity, NE 4 mph, 30.17inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.53	Total Depth (ft-bmp)	6.42	Water Column (ft.)	2.89	Gallons in Well	0.47
		Pump Intake (ft-bmp)	5.03	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.53				
Sample Time: Label	9:13	Volume Purged	2.6 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	8:20						
Purge End	9:17						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:21	0	200	2.58	0.00	7.04	0.54	41.30	5.31	13.1	93.8	Clear, Cloudy	No Odor
8:26	5	200	2.58	0.26	6.94	1.25	21.90	2.20	13.5	86.5	Clear	No Odor
8:31	5	200	2.58	0.52	6.93	1.35	13.80	1.68	13.6	53.9	Clear	No Odor
8:36	5	200	2.58	0.78	7.01	1.38	8.92	1.35	13.6	33.2	Clear	No Odor
8:41	5	200	2.58	1.04	7.06	1.40	8.51	1.25	13.6	19.5	Clear	No Odor
8:46	5	200	2.58	1.30	7.09	1.43	7.09	1.09	13.7	4.5	Clear	No Odor
8:51	5	200	2.58	1.56	7.11	1.43	7.76	1.08	13.7	-6.0	Clear	No Odor
8:56	5	200	2.58	1.82	7.13	1.44	7.29	0.99	13.7	-13.8	Clear	No Odor
9:01	5	200	2.58	2.08	7.13	1.45	7.11	0.89	13.7	-16.8	Clear	No Odor
9:06	5	200	2.58	2.34	7.14	1.46	6.89	0.92	13.7	-19.0	Clear	No Odor
9:11	5	200	2.58	2.60	7.15	1.47	7.06	0.90	13.7	-20.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12101 Brewster, back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-172S			Date	11-1-21
Project Name/Location		Ford LTP		Weather	8.9 degC and Mostly Cloudy. The wind is blowing at 18.36 km/hr.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.65	Total Depth (ft-bmp)	8.90	Water Column (ft.)	4.25	Gallons in Well	0.69
		Pump Intake (ft-bmp)	6.15	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.61				
Sample Time: Label	15:56	Volume Purged	1.8 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	15:09						
Purge End	15:59						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:10	0	150	4.69	0.00	7.20	0.44	54.70	6.16	15.1	147.3	Cloudy	No Odor
15:15	5	150	4.69	0.20	7.22	0.43	46.60	2.49	14.9	142.0	Cloudy	No Odor
15:20	5	150	4.69	0.40	7.16	0.43	63.90	2.42	14.7	145.1	Cloudy	No Odor
15:25	5	150	4.69	0.60	7.15	0.43	56.40	2.36	14.9	144.0	Cloudy	No Odor
15:30	5	150	4.69	0.80	7.18	0.43	46.50	2.35	14.9	142.2	Clear	No Odor
15:35	5	150	4.69	1.00	7.18	0.43	36.40	2.41	14.8	140.0	Clear	No Odor
15:40	5	150	4.69	1.20	7.16	0.43	34.30	2.32	14.8	139.9	Clear	No Odor
15:45	5	150	4.69	1.40	7.23	0.42	30.50	2.29	14.9	135.2	Clear	No Odor
15:50	5	150	4.69	1.60	7.20	0.42	29.90	2.39	14.9	135.7	Clear	No Odor
15:55	5	150	4.69	1.80	7.19	0.42	28.20	2.39	14.9	135.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11701 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-173S			Date	11-10-21
Project Name/Location		Ford LTP		Weather	54.0 degrees F and Mostly Cloudy. The wind is blowing at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.88	Total Depth (ft-bmp)	10.23	Water Column (ft.)	4.35	Gallons in Well	0.71
		Pump Intake (ft-bmp)	7.38	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.87				
Sample Time: Label	12:11	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:07						
Purge End	12:19						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	125	5.90	0.00	7.79	0.35	124.00	2.58	14.4	9.9	Cloudy	No Odor
11:15	5	125	5.90	0.17	7.73	0.37	106.00	2.30	14.5	13.1	Cloudy	No Odor
11:20	5	125	5.90	0.34	7.67	0.39	61.10	2.16	14.7	9.8	Cloudy	No Odor
11:25	5	125	5.90	0.51	7.66	0.39	57.60	2.15	14.7	8.5	Cloudy	No Odor
11:30	5	125	5.90	0.68	7.64	0.40	51.70	2.17	14.8	8.3	Cloudy	No Odor
11:35	5	125	5.90	0.85	7.63	0.41	44.70	2.07	14.8	9.6	Cloudy	No Odor
11:40	5	125	5.90	1.02	7.61	0.42	40.00	1.97	14.8	11.0	Cloudy	No Odor
11:45	5	125	5.90	1.19	7.61	0.44	38.70	2.10	14.8	11.6	Cloudy	No Odor
11:50	5	125	5.90	1.36	7.58	0.45	28.90	2.16	14.8	7.5	Cloudy	No Odor
11:55	5	125	5.90	1.53	7.56	0.47	24.00	2.03	14.7	5.1	Clear	No Odor
12:00	5	125	5.90	1.70	7.55	0.48	20.60	1.98	14.7	0.2	Clear	No Odor
12:05	5	125	5.90	1.87	7.54	0.49	17.50	1.90	14.8	-5.3	Clear	No Odor
12:10	5	125	5.90	2.04	7.54	0.49	14.40	1.57	14.8	-10.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	11721 Boston Post; back yard north corner from house	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-174S			Date	11-10-21
Project Name/Location		Ford LTP		Weather	46.0 degrees F and Mostly Cloudy. The wind is blowing NE at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.95	Total Depth (ft-bmp)	10.24	Water Column (ft.)	3.29	Gallons in Well	0.53
		Pump Intake (ft-bmp)	8.45	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.47				
Sample Time: Label	10:21	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:47						
Purge End	10:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:50	0	100	6.98	0.00	6.29	0.53	19.90	0.79	15.2	-68.7	Clear	Strong Odor
9:55	5	100	6.98	0.13	6.41	0.49	16.50	0.51	15.2	-80.8	Clear	Strong Odor
10:00	5	100	6.98	0.26	6.50	0.50	12.10	0.33	15.2	-86.8	Clear	Strong Odor
10:05	5	100	6.98	0.39	6.64	0.56	8.40	0.35	15.4	-88.4	Clear	Strong Odor
10:10	5	100	6.98	0.52	6.78	0.58	4.65	0.38	15.3	-85.4	Clear	Strong Odor
10:15	5	100	6.98	0.65	6.84	0.59	4.08	0.36	15.3	-82.3	Clear	Strong Odor
10:20	5	100	6.98	0.78	6.88	0.59	1.96	0.35	15.4	-80.8	Clear	Strong Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot				
1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	11865 Boston Post; front yard next to wooden fence	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-176S			Date	11-10-21
Project Name/Location		Ford LTP		Weather	55.0 degrees F and Mostly Cloudy. The wind is blowing E/SE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.91	Total Depth (ft-bmp)	9.30	Water Column (ft.)	3.39	Gallons in Well	0.55
		Pump Intake (ft-bmp)	7.41	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.85				
Sample Time: Label	15:16	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:43						
Purge End	15:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:45	0	125	5.91	0.00	7.10	0.33	2.20	1.02	14.5	32.5	Clear	No Odor
14:50	5	125	5.95	0.17	7.12	0.33	2.06	0.44	14.5	-8.9	Clear	No Odor
14:55	5	125	5.95	0.34	7.17	0.33	2.70	0.35	14.5	-51.0	Clear	No Odor
15:00	5	125	5.95	0.51	7.22	0.33	2.01	0.33	14.5	-63.2	Clear	No Odor
15:05	5	125	5.95	0.68	7.22	0.33	1.81	0.33	14.5	-68.4	Clear	No Odor
15:10	5	125	5.95	0.85	7.21	0.33	1.82	0.30	14.4	-70.9	Clear	No Odor
15:15	5	125	5.95	1.02	7.22	0.33	1.91	0.30	14.4	-73.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	11845 Boston Post; front yard about 7 ft. from stone line	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-177S			Date	11-1-21
Project Name/Location		Ford LTP		Weather	45 degrees F partly cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.88	Total Depth (ft-bmp)	7.99	Water Column (ft.)	4.11	Gallons in Well	0.67
		Pump Intake (ft-bmp)	5.38	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.04				
Sample Time: Label	11:45	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	10:42						
Purge End	11:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:44	0	125	4.04	0.00	8.77	0.46	240.00	5.80	12.3	151.5	Cloudy	No Odor
10:49	5	125	4.10	0.17	9.57	0.42	185.00	4.92	13.2	119.9	Cloudy	No Odor
10:54	5	125	4.11	0.34	9.49	0.40	143.00	4.22	13.9	113.9	Cloudy	No Odor
10:59	5	125	4.12	0.51	8.98	0.40	100.00	4.17	14.2	111.2	Cloudy	No Odor
11:04	5	125	4.12	0.68	8.10	0.40	55.70	3.86	14.4	107.5	Cloudy	No Odor
11:09	5	125	4.09	0.85	7.66	0.39	34.10	3.49	14.3	103.3	Clear	No Odor
11:14	5	125	4.08	1.02	7.40	0.38	25.80	3.54	14.5	104.0	Clear	No Odor
11:19	5	125	4.08	1.19	7.33	0.37	20.10	3.28	14.6	96.6	Clear	No Odor
11:24	5	125	4.08	1.36	7.19	0.37	18.80	3.11	14.5	98.0	Clear	No Odor
11:29	5	125	4.08	1.53	7.15	0.37	19.10	3.05	14.6	96.0	Clear	No Odor
11:34	5	125	4.08	1.70	7.11	0.37	13.20	2.90	14.5	94.2	Clear	No Odor
11:39	5	125	4.08	1.87	7.07	0.37	12.00	2.94	14.5	94.0	Clear	No Odor
11:44	5	125	4.08	2.04	7.08	0.37	10.20	3.07	14.9	90.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11866 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-178S			Date	11-8-21
Project Name/Location		Ford LTP		Weather	59.0 degrees F and Clear. The wind is blowing SW at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.77	Total Depth (ft-bmp)	8.82	Water Column (ft.)	4.05	Gallons in Well	0.66
		Pump Intake (ft-bmp)	6.27	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.17				
Sample Time: Label	13:17	Volume Purged	2.09 gallons	Replicate/Code No.	--	Sampled by	Andrew Banitt
Purge Start	12:25						
Purge End	13:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:26	0	175	4.91	0.00	5.93	0.40	80.20	1.11	14.8	120.8	Cloudy	No Odor
12:31	5	150	4.91	0.23	6.28	0.35	19.50	0.39	14.7	26.7	Clear	No Odor
12:36	5	150	4.91	0.43	6.43	0.35	13.10	0.32	14.7	-6.8	Clear	No Odor
12:41	5	150	4.91	0.63	6.53	0.34	5.85	0.29	14.7	-22.4	Clear	No Odor
12:46	5	150	4.91	0.83	6.60	0.35	1.63	0.25	14.7	-32.8	Clear	No Odor
12:51	5	175	4.92	1.03	6.66	0.35	0.02	0.22	14.8	-40.1	Clear	No Odor
12:56	5	150	4.91	1.26	6.72	0.37	0.02	0.25	14.7	-45.7	Clear	No Odor
13:01	5	150	4.91	1.46	6.76	0.38	0.02	0.29	14.7	-49.6	Clear	No Odor
13:06	5	175	4.92	1.66	6.84	0.39	0.02	0.33	14.8	-55.4	Clear	No Odor
13:11	5	150	4.91	1.89	6.84	0.39	0.02	0.30	14.7	-56.5	Clear	No Odor
13:16	5	150	4.91	2.09	6.86	0.39	0.02	0.35	14.7	-57.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11850 Boston Post; backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-179S			Date	11-9-21
Project Name/Location		Ford LTP		Weather		45F, cloudy	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.62	Total Depth (ft-bmp)	10.87	Water Column (ft.)	4.25	Gallons in Well	0.69
		Pump Intake (ft-bmp)	8.12	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.13				
Sample Time: Label	10:05	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	9:25						
Purge End	10:10						

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Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:30	0	100	6.63	0.00	7.06	0.13	0.02	3.24	14.2	17.5	Clear	No Odor
9:35	5	100	6.63	0.13	6.77	0.12	0.02	3.01	14.4	46.0	Clear	No Odor
9:40	5	100	6.63	0.26	6.77	0.12	0.02	2.97	14.5	52.9	Clear	No Odor
9:45	5	100	6.63	0.39	6.74	0.12	0.02	2.58	14.5	58.4	Clear	No Odor
9:50	5	100	6.63	0.52	6.74	0.12	0.02	2.58	14.5	62.1	Clear	No Odor
9:55	5	100	6.63	0.65	6.74	0.12	0.02	2.58	14.5	67.6	Clear	No Odor
10:00	5	100	6.63	0.78	6.74	0.12	0.02	2.58	14.5	69.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34870 Wadsworth	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-180SR			Date	11-10-21
Project Name/Location		Ford LTP		Weather		45F, sunny	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-11.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.69	Total Depth (ft-bmp)	10.97	Water Column (ft.)	4.28	Gallons in Well	0.70
		Pump Intake (ft-bmp)	8.19	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.11				
Sample Time: Label	9:10	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	8:30						
Purge End	9:15						

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Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:35	0	100	6.70	0.00	8.00	0.30	0.39	5.19	13.1	191.6	Clear	No Odor
8:40	5	100	6.70	0.13	7.77	0.29	0.02	4.37	13.8	193.6	Clear	No Odor
8:45	5	100	6.71	0.26	7.74	0.29	0.02	4.34	13.8	193.7	Clear	No Odor
8:50	5	100	6.71	0.39	7.72	0.29	0.02	4.23	13.8	193.9	Clear	No Odor
8:55	5	100	6.71	0.52	7.70	0.29	0.02	4.14	13.9	194.0	Clear	No Odor
9:00	5	100	6.71	0.65	7.68	0.29	0.02	4.10	13.9	193.9	Clear	No Odor
9:05	5	100	6.71	0.78	7.67	0.29	0.02	4.05	14.0	193.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34891 Wadsworth; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-181S			Date	11-9-21
Project Name/Location		Ford LTP		Weather	50.0 degrees F and Fog/Mist. The wind is blowing N/NE at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.5-8.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.10	Total Depth (ft-bmp)	8.58	Water Column (ft.)	3.48	Gallons in Well	0.57
		Pump Intake (ft-bmp)	6.60	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.74				
Sample Time: Label	11:16	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:13						
Purge End	11:22						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	100	5.10	0.00	6.54	0.94	10.60	0.92	15.2	11.5	Clear	No Odor
10:20	5	100	5.10	0.13	6.83	0.94	12.00	0.60	15.3	-33.3	Clear	No Odor
10:25	5	100	5.10	0.26	6.94	0.96	13.20	0.48	15.4	-77.2	Clear	No Odor
10:30	5	100	5.10	0.39	7.02	0.95	12.20	0.43	15.3	-84.9	Clear	No Odor
10:35	5	100	5.10	0.52	7.06	0.95	10.30	0.42	15.4	-85.9	Clear	No Odor
10:40	5	100	5.10	0.65	7.07	0.95	9.10	0.49	15.4	-85.7	Clear	No Odor
10:45	5	100	5.10	0.78	7.10	0.94	7.96	0.49	15.4	-85.6	Clear	No Odor
10:50	5	100	5.10	0.91	7.12	0.93	6.63	0.49	15.4	-84.6	Clear	No Odor
10:55	5	100	5.10	1.04	7.13	0.93	6.01	0.50	15.4	-84.2	Clear	No Odor
11:00	5	100	5.10	1.17	7.14	0.93	5.12	0.48	15.4	-83.7	Clear	No Odor
11:05	5	100	5.10	1.30	7.16	0.93	3.65	0.51	15.4	-81.3	Clear	No Odor
11:10	5	100	5.10	1.43	7.17	0.93	3.36	0.88	15.4	-80.7	Clear	No Odor
11:15	5	100	5.10	1.56	7.16	0.93	3.08	0.89	15.4	-79.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34990 Wadsworth; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-182S			Date	11-1-21
Project Name/Location		Ford LTP		Weather	8.9 degC and Mostly Cloudy. The wind is blowing at 24.12 km/hr.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.71	Total Depth (ft-bmp)	8.83	Water Column (ft.)	4.12	Gallons in Well	0.67
		Pump Intake (ft-bmp)	6.21	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.79				
Sample Time: Label	14:26	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	13:54						
Purge End	14:29						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:55	0	150	4.77	0.00	6.99	0.48	5.50	3.55	15.7	137.9	Clear	No Odor
14:00	5	150	4.77	0.20	7.14	0.50	7.22	3.11	15.8	123.9	Clear	No Odor
14:05	5	150	4.77	0.40	7.11	0.51	4.02	3.05	15.8	123.4	Clear	No Odor
14:10	5	150	4.77	0.60	7.07	0.51	3.80	3.01	15.8	124.6	Clear	No Odor
14:15	5	150	4.77	0.80	7.07	0.51	1.38	2.95	15.7	123.4	Clear	No Odor
14:20	5	150	4.77	1.00	7.04	0.51	1.58	2.99	15.7	126.2	Clear	No Odor
14:25	5	150	4.77	1.20	7.08	0.51	1.75	2.93	15.7	125.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34766 Standish; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-183S			Date	11-8-21
Project Name/Location		Ford LTP		Weather	53.1 degrees F and Clear. The wind is blowing S/SW at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.35	Total Depth (ft-bmp)	12.68	Water Column (ft.)	4.33	Gallons in Well	0.70
		Pump Intake (ft-bmp)	9.85	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.30				
Sample Time: Label	12:16	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:37						
Purge End	12:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:40	0	100	8.37	0.00	7.07	0.41	9.96	3.90	15.1	86.7	Clear, Small White Particulates	No Odor
11:45	5	100	8.37	0.13	7.15	0.41	15.60	3.87	15.1	78.2	Turbid	No Odor
11:50	5	100	8.37	0.26	7.17	0.42	20.60	3.82	15.2	75.0	Clear	No Odor
11:55	5	100	8.37	0.39	7.19	0.43	23.60	4.40	15.2	74.9	Turbid	No Odor
12:00	5	100	8.37	0.52	7.20	0.44	22.00	4.42	15.2	76.5	Turbid	No Odor
12:05	5	100	8.37	0.65	7.21	0.43	29.60	3.94	15.2	78.1	Turbid	No Odor
12:10	5	100	8.37	0.78	7.22	0.43	30.20	4.23	15.2	80.8	Turbid	No Odor
12:15	5	100	8.37	0.91	7.22	0.43	28.80	4.27	15.2	82.8	Turbid	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34934 Standish; front yard next to wooden fence	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-184S			Date	11-3-21
Project Name/Location		Ford LTP		Weather		30F, sunny	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.95	Total Depth (ft-bmp)	8.73	Water Column (ft.)	3.78	Gallons in Well	0.61
		Pump Intake (ft-bmp)	6.45	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.28				
Sample Time: Label	10:00	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	9:25						
Purge End	10:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:30	0	100	4.96	0.00	7.19	1.09	0.68	5.98	13.0	18.2	Clear	No Odor
9:35	5	100	4.97	0.13	7.15	1.07	0.02	5.99	13.0	18.1	Clear	No Odor
9:40	5	100	4.98	0.26	7.14	1.07	0.02	5.99	13.1	18.1	Clear	No Odor
9:45	5	100	4.98	0.39	7.14	1.07	0.02	5.98	13.1	18.2	Clear	No Odor
9:50	5	100	4.98	0.52	7.14	1.07	0.02	5.98	13.1	17.9	Clear	No Odor
9:55	5	100	4.98	0.65	7.14	1.07	0.02	5.98	13.1	17.8	Clear	No Odor
10:00	5	100	4.98	0.78	7.14	1.07	0.02	5.98	13.1	17.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	11981 Boston Post, front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30050315.402.01	Well ID	MW-185S			Date	11-3-21
Project Name/Location		Ford LTP		Weather	41 F, sunny, 57% humidity, w 9 mph, 30.4inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.62	Total Depth (ft-bmp)	10.52	Water Column (ft.)	3.90	Gallons in Well	0.63
		Pump Intake (ft-bmp)	8.12	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.95				
Sample Time: Label	11:20	Volume Purged	3.12 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	10:13						
Purge End	11:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	200	6.72	0.00	7.72	0.34	4.32	10.72	15.5	105.5	Clear	No Odor
10:20	5	200	6.72	0.26	7.80	0.30	1.30	6.46	15.6	47.3	Clear	No Odor
10:25	5	200	6.72	0.52	7.42	0.32	1.44	4.99	15.4	19.6	Clear	No Odor
10:30	5	200	6.72	0.78	7.48	0.36	0.67	3.95	15.4	10.3	Clear	No Odor
10:35	5	200	6.72	1.04	7.41	0.46	1.25	2.71	15.4	-7.5	Clear	No Odor
10:40	5	200	6.71	1.30	7.40	0.50	2.13	2.18	15.5	-11.3	Clear	No Odor
10:45	5	200	6.71	1.56	7.37	0.55	1.37	1.80	15.5	-11.2	Clear	No Odor
10:50	5	200	6.71	1.82	7.35	0.59	0.69	1.50	15.5	-7.2	Clear	No Odor
10:55	5	200	6.71	2.08	7.33	0.64	1.49	1.29	15.5	-2.2	Clear	No Odor
11:00	5	200	6.71	2.34	7.32	0.65	0.99	1.25	15.5	0.0	Clear	No Odor
11:05	5	200	6.71	2.60	7.30	0.67	1.38	1.10	15.5	4.4	Clear	No Odor
11:10	5	200	6.71	2.86	7.28	0.72	1.53	1.06	15.5	7.5	Clear	No Odor
11:15	5	200	6.71	3.12	7.28	0.73	1.67	1.09	15.6	9.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34921 Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-186S			Date	11-8-21
Project Name/Location		Ford LTP		Weather		59F, sunny	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.41	Total Depth (ft-bmp)	7.72	Water Column (ft.)	4.31	Gallons in Well	0.70
		Pump Intake (ft-bmp)	4.91	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.67				
Sample Time: Label	12:05	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	11:07						
Purge End	12:07						

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Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:15	0	100	3.43	0.00	6.91	1.39	4.33	0.38	14.8	-69.3	Clear	No Odor
11:20	5	100	3.43	0.13	6.92	1.38	1.21	0.31	14.8	-70.4	Clear	No Odor
11:25	5	100	3.43	0.26	6.92	1.34	2.76	0.26	14.8	-71.4	Clear	No Odor
11:30	5	100	3.43	0.39	6.93	1.29	2.04	0.23	14.8	-70.5	Clear	No Odor
11:35	5	100	3.43	0.52	6.92	1.25	0.02	0.22	14.8	-69.6	Clear	No Odor
11:40	5	100	3.43	0.65	6.92	1.22	0.02	0.21	14.7	-68.3	Clear	No Odor
11:45	5	100	3.43	0.78	6.91	1.18	0.02	0.19	14.7	-67.0	Clear	No Odor
11:50	5	100	3.43	0.91	6.90	1.17	0.02	0.19	14.8	-66.0	Clear	No Odor
11:55	5	100	3.43	1.04	6.90	1.17	0.02	0.19	14.8	-66.0	Clear	No Odor
12:00	5	100	3.43	1.17	6.90	1.17	0.02	0.19	14.8	-66.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12321 Stark; Field	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-187			Date	11-2-21
Project Name/Location		Ford LTP		Weather	3.3 degC and Cloudy. The wind is blowing at 11.16 km/hr.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.51	Total Depth (ft-bmp)	12.82	Water Column (ft.)	8.31	Gallons in Well	1.35
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.19				
Sample Time: Label	11:21	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	10:39						
Purge End	11:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	150	4.51	0.00	6.82	0.94	28.00	1.95	15.2	29.1	Clear	No Odor
10:45	5	150	4.51	0.20	6.94	0.95	31.50	0.44	15.1	-8.8	Clear	No Odor
10:50	5	150	4.51	0.40	6.90	0.95	25.50	0.23	15.2	-20.6	Clear	No Odor
10:55	5	150	4.51	0.60	6.89	0.95	20.00	0.18	15.1	-25.2	Clear	No Odor
11:00	5	150	4.51	0.80	6.88	0.95	14.00	0.14	15.3	-29.2	Clear	No Odor
11:05	5	150	4.51	1.00	6.85	0.95	11.10	0.13	15.2	-31.2	Clear	No Odor
11:10	5	150	4.51	1.20	6.88	0.95	10.50	0.14	14.6	-34.5	Clear	No Odor
11:15	5	150	4.51	1.40	6.82	0.95	10.20	0.14	14.7	-33.6	Clear	No Odor
11:20	5	150	4.51	1.60	6.83	0.95	10.50	0.13	14.7	-34.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12335 Stark; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-187S			Date	11-2-21
Project Name/Location		Ford LTP		Weather	5.6 degC and Mostly Cloudy. The wind is blowing at 16.56 km/hr.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.49	Total Depth (ft-bmp)	8.67	Water Column (ft.)	4.18	Gallons in Well	0.68
		Pump Intake (ft-bmp)	5.99	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.76				
Sample Time: Label	12:25	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	11:54						
Purge End	12:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:55	0	150	4.49	0.00	6.56	1.29	8.03	1.04	15.0	22.4	Clear	No Odor
12:00	5	150	4.49	0.20	6.73	1.37	3.37	0.21	15.3	8.9	Clear	No Odor
12:05	5	150	4.49	0.40	6.72	1.36	2.39	0.16	15.2	9.5	Clear	No Odor
12:10	5	150	4.49	0.60	6.71	1.34	1.61	0.15	15.4	10.4	Clear	No Odor
12:15	5	150	4.49	0.80	6.70	1.34	1.17	0.13	15.5	10.7	Clear	No Odor
12:20	5	150	4.49	1.00	6.70	1.32	1.22	0.11	15.5	10.7	Clear	No Odor
12:25	5	150	4.49	1.20	6.69	1.32	2.45	0.10	15.6	11.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12335 Stark; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-188S			Date	11-2-21
Project Name/Location		Ford LTP		Weather	3.3 degC and Cloudy. The wind is blowing at 11.16 km/hr.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.97	Total Depth (ft-bmp)	7.51	Water Column (ft.)	3.54	Gallons in Well	0.58
		Pump Intake (ft-bmp)	5.47	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.76				
Sample Time: Label	9:56	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	9:14						
Purge End	10:02						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:15	0	150	4.02	0.00	6.60	1.51	19.30	5.52	16.5	110.9	Clear	No Odor
9:20	5	150	4.02	0.20	6.75	1.45	19.90	2.46	16.8	6.5	Clear	No Odor
9:25	5	150	4.02	0.40	6.73	1.46	19.90	1.22	16.4	-15.2	Clear	No Odor
9:30	5	150	4.02	0.60	6.69	1.43	12.40	2.48	16.6	-29.3	Clear	No Odor
9:35	5	150	4.02	0.80	6.69	1.43	6.70	2.14	16.8	-31.7	Clear	No Odor
9:40	5	150	4.02	1.00	6.65	1.43	6.02	1.88	16.9	-30.8	Clear	No Odor
9:45	5	150	4.02	1.20	6.65	1.43	4.52	1.87	16.7	-30.7	Clear	No Odor
9:50	5	150	4.02	1.40	6.65	1.43	2.99	1.72	16.8	-31.0	Clear	No Odor
9:55	5	150	4.02	1.60	6.65	1.43	2.36	1.70	16.9	-31.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12425 Stark; back yard	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-189			Date	11-3-21
Project Name/Location		Ford LTP		Weather	0 degC and Mostly Clear. The wind is blowing at 7.56 km/hr.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.84	Total Depth (ft-bmp)	13.98	Water Column (ft.)	9.14	Gallons in Well	1.49
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.34				
Sample Time: Label	10:20	Volume Purged	2 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	9:29						
Purge End	10:26						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:30	0	150	4.86	0.00	7.11	2.01	17.20	0.70	15.2	162.3	Clear	No Odor
9:35	5	150	4.86	0.20	7.25	2.01	15.20	0.23	15.7	83.7	Clear	No Odor
9:40	5	150	4.86	0.40	7.21	1.74	7.62	0.22	15.7	47.3	Clear	No Odor
9:45	5	150	4.86	0.60	7.12	1.49	7.02	0.27	15.0	24.9	Clear	No Odor
9:50	5	150	4.86	0.80	7.07	1.46	8.40	0.34	14.8	16.4	Clear	No Odor
9:55	5	150	4.86	1.00	7.15	1.46	6.76	0.30	15.1	0.4	Clear	No Odor
10:00	5	150	4.86	1.20	7.17	1.48	4.56	0.26	15.1	-9.9	Clear	No Odor
10:05	5	150	4.86	1.40	7.16	1.46	4.26	0.22	15.3	-17.6	Clear	No Odor
10:10	5	150	4.86	1.60	7.17	1.45	4.22	0.20	15.5	-24.0	Clear	No Odor
10:15	5	150	4.86	1.80	7.18	1.48	3.57	0.14	15.3	-28.2	Clear	No Odor
10:20	5	150	4.86	2.00	7.17	1.46	2.81	0.16	15.5	-31.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12641 Stark; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-189S			Date	11-3-21
Project Name/Location		Ford LTP		Weather	2.2 degC and Mostly Clear. The wind is blowing at 9.36 km/hr.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.94	Total Depth (ft-bmp)	9.10	Water Column (ft.)	4.16	Gallons in Well	0.68
		Pump Intake (ft-bmp)	6.44	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.76				
Sample Time: Label	11:27	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	10:54						
Purge End	11:33						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:55	0	150	4.99	0.00	7.35	0.69	3.70	7.05	15.3	-15.7	Clear	No Odor
11:00	5	150	4.99	0.20	7.45	0.69	4.90	2.19	15.0	-11.6	Clear	No Odor
11:05	5	150	4.99	0.40	7.41	0.69	3.90	1.71	15.3	-6.1	Clear	No Odor
11:10	5	150	4.99	0.60	7.39	0.69	2.81	1.54	15.4	1.8	Clear	No Odor
11:15	5	150	4.99	0.80	7.35	0.69	2.61	1.50	15.3	8.6	Clear	No Odor
11:20	5	150	4.99	1.00	7.34	0.69	2.02	1.45	15.5	12.3	Clear	No Odor
11:25	5	150	4.99	1.20	7.32	0.69	1.83	1.40	15.4	15.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12641 Stark; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-190			Date	11-3-21
Project Name/Location	Ford LTP			Weather	6.7 degC and Mostly Clear. The wind is blowing at 16.56 km/hr.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.01	Total Depth (ft-bmp)	13.39	Water Column (ft.)	10.38	Gallons in Well	1.69
		Pump Intake (ft-bmp)	11.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.83				
Sample Time: Label	13:35	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	12:58						
Purge End	13:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:00	0	150	3.01	0.00	7.15	2.68	31.90	0.34	18.3	26.6	Clear	No Odor
13:05	5	150	3.01	0.20	7.12	2.66	18.50	0.21	18.5	10.0	Clear	No Odor
13:10	5	150	3.01	0.40	7.12	2.51	13.60	0.19	18.2	-6.9	Clear	No Odor
13:15	5	150	3.01	0.60	7.13	2.40	10.30	0.14	18.5	-19.3	Clear	No Odor
13:20	5	150	3.01	0.80	7.12	2.42	7.91	0.11	18.6	-26.1	Clear	No Odor
13:25	5	150	3.01	1.00	7.11	2.42	5.67	0.10	18.4	-30.9	Clear	No Odor
13:30	5	150	3.01	1.20	7.10	2.43	5.88	0.09	18.6	-34.1	Clear	No Odor
13:35	5	150	3.01	1.40	7.13	2.47	6.26	0.09	18.5	-39.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12175 Fairlane	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-190S			Date	11-3-21
Project Name/Location		Ford LTP		Weather	5 degC and Mostly Clear. The wind is blowing at 16.56 km/hr.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.99	Total Depth (ft-bmp)	6.85	Water Column (ft.)	3.86	Gallons in Well	0.63
		Pump Intake (ft-bmp)	4.49	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.90				
Sample Time: Label	12:41	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	12:09						
Purge End	12:47						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:10	0	150	3.01	0.00	7.09	0.91	9.02	1.71	17.1	69.8	Clear	No Odor
12:15	5	150	3.01	0.20	7.09	0.92	6.74	1.55	17.1	55.8	Clear	No Odor
12:20	5	150	3.01	0.40	7.07	0.93	3.76	1.30	17.5	38.0	Clear	No Odor
12:25	5	150	3.01	0.60	7.04	0.95	3.62	1.20	17.3	25.0	Clear	No Odor
12:30	5	150	3.01	0.80	6.99	0.96	1.99	0.84	17.6	18.6	Clear	No Odor
12:35	5	150	3.01	1.00	7.04	0.97	2.80	0.84	17.6	9.1	Clear	No Odor
12:40	5	150	3.01	1.20	6.96	0.97	1.51	0.90	17.5	9.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12725 Fairlane	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-191S			Date	11-4-21
Project Name/Location		Ford LTP		Weather	6.1 degC and Cloudy. The wind is blowing at 16.56 km/hr.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.78	Total Depth (ft-bmp)	6.82	Water Column (ft.)	4.04	Gallons in Well	0.66
		Pump Intake (ft-bmp)	4.28	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.82				
Sample Time: Label	13:50	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	13:19						
Purge End	13:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	150	2.78	0.00	6.82	1.13	2.97	2.73	13.2	61.6	Clear	No Odor
13:25	5	150	2.78	0.20	6.96	1.13	1.68	0.66	13.4	35.5	Clear	No Odor
13:30	5	150	2.78	0.40	7.01	1.07	1.34	0.35	13.6	10.6	Clear	No Odor
13:35	5	150	2.78	0.60	7.02	1.04	1.12	0.24	13.7	-1.4	Clear	No Odor
13:40	5	150	2.78	0.80	6.96	0.96	1.22	0.20	13.6	-7.5	Clear	No Odor
13:45	5	150	2.78	1.00	7.00	0.94	3.72	0.22	13.8	-13.5	Clear	No Odor
13:50	5	150	2.71	1.20	7.02	0.94	4.54	0.20	13.7	-16.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot				
1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	35015 Glendale; back lot	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-193S			Date	11-4-21
Project Name/Location		Ford LTP		Weather		35F, overcast	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.43	Total Depth (ft-bmp)	7.39	Water Column (ft.)	3.96	Gallons in Well	0.64
		Pump Intake (ft-bmp)	4.93	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.02				
Sample Time: Label	10:05	Volume Purged	0.65 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	9:30						
Purge End	10:07						

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Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:30	0	0	3.42	0.00	7.00	1.24	16.90	0.92	15.2	68.2	Clear	No Odor
9:35	5	100	3.44	0.00	7.08	1.31	2.62	0.41	15.5	-51.4	Clear	No Odor
9:40	5	100	3.44	0.13	7.07	1.30	1.40	0.43	15.5	-56.1	Clear	No Odor
9:45	5	100	3.44	0.26	7.07	1.31	0.02	0.44	15.5	-56.6	Clear	No Odor
9:50	5	100	3.44	0.39	7.07	1.31	0.02	0.44	15.5	-57.2	Clear	No Odor
9:55	5	100	3.44	0.52	7.07	1.31	0.02	0.44	15.5	-57.9	Clear	No Odor
10:00	5	100	3.44	0.65	7.07	1.31	0.02	0.44	15.5	-58.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34940 Beacon, front yard left of driveway.	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-202			Date	11-2-21
Project Name/Location	Ford LTP			Weather	Overcast some sun temp 44, winds from west at 12 mph		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.30	Total Depth (ft-bmp)	16.40	Water Column (ft.)	12.10	Gallons in Well	1.97
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.86				
Sample Time: Label	13:46	Volume Purged	1.7 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:53						
Purge End	13:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:55	0	125	4.30	0.00	7.35	4.50	29.30	1.18	16.8	-42.2	Clear	No Odor
13:00	5	125	4.31	0.17	7.36	4.40	22.30	0.46	17.4	-41.9	Clear	No Odor
13:05	5	125	4.31	0.34	7.34	4.31	24.40	0.24	17.7	-45.9	Small White Particulates, Turbid	No Odor
13:10	5	125	4.31	0.51	7.34	4.30	20.40	0.24	17.6	-48.7	Small White Particulates, Turbid	No Odor
13:15	5	125	4.31	0.68	7.31	4.26	18.80	0.19	18.0	-67.4	Clear	No Odor
13:20	5	125	4.31	0.85	7.31	4.26	11.00	0.16	18.2	-69.8	Clear	No Odor
13:25	5	125	4.31	1.02	7.31	4.29	6.24	0.17	18.2	-70.3	Clear	No Odor
13:30	5	125	4.31	1.19	7.30	4.28	6.71	0.14	18.1	-72.0	Clear	No Odor
13:35	5	125	4.31	1.36	7.29	4.29	4.72	0.14	18.5	-71.1	Clear	No Odor
13:40	5	125	4.31	1.53	7.30	4.32	3.54	0.12	18.3	-75.7	Clear	No Odor
13:45	5	125	4.31	1.70	7.29	4.34	3.94	0.12	18.2	-77.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL
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Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	12477 Levan Road ; Front Parking Lot	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-202S			Date	11-2-21
Project Name/Location		Ford LTP		Weather	Sun and clouds temp 44, winds from west at 12 mph		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.5-8.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.38	Total Depth (ft-bmp)	8.40	Water Column (ft.)	4.02	Gallons in Well	0.65
		Pump Intake (ft-bmp)	5.88	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.57				
Sample Time: Label	12:31	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:57						
Purge End	12:38						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:00	0	125	4.41	0.00	7.14	10.14	3.11	4.77	17.0	17.3	Clear	No Odor
12:05	5	125	4.41	0.17	7.19	10.28	9.40	1.74	16.9	-23.1	Clear	No Odor
12:10	5	125	4.41	0.34	7.20	10.24	5.01	1.66	16.8	-41.5	Clear	No Odor
12:15	5	125	4.42	0.51	7.20	10.31	4.34	1.47	17.0	-57.8	Clear	No Odor
12:20	5	125	4.42	0.68	7.21	10.29	2.17	1.23	17.1	-71.6	Clear	No Odor
12:25	5	125	4.42	0.85	7.21	10.28	4.53	1.29	17.2	-73.1	Clear	No Odor
12:30	5	125	4.42	1.02	7.21	10.29	3.21	1.32	17.2	-72.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL
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Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12447 Levan Road; Front Parking Lot	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-203			Date	11-2-21
Project Name/Location		Ford LTP		Weather	Overcast temp 42, winds west at 12 mph		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	13-18	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.98	Total Depth (ft-bmp)	17.35	Water Column (ft.)	13.37	Gallons in Well	2.17
		Pump Intake (ft-bmp)	15.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.71				
Sample Time: Label	19:16	Volume Purged	1.53 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	18:27						
Purge End	19:21						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
18:30	0	125	4.00	0.00	7.58	7.66	10.40	1.03	17.1	-37.7	Clear	No Odor
18:35	5	125	4.00	0.17	7.61	7.66	8.65	0.50	17.5	-45.8	Clear	No Odor
18:40	5	125	4.00	0.34	7.60	7.72	7.75	0.39	17.2	-41.1	Clear	No Odor
18:45	5	125	4.00	0.51	7.60	7.75	7.92	0.34	17.1	-46.9	Clear	No Odor
18:50	5	125	4.00	0.68	7.59	7.77	7.44	0.33	17.2	-43.0	Clear	No Odor
18:55	5	125	4.00	0.85	7.59	7.76	6.30	0.32	17.2	-39.0	Clear	No Odor
19:00	5	125	4.00	1.02	7.58	7.77	5.35	0.31	17.3	-35.8	Clear	No Odor
19:05	5	125	4.00	1.19	7.57	7.77	4.54	0.30	17.2	-33.8	Clear	No Odor
19:10	5	125	4.00	1.36	7.57	7.78	4.09	0.28	17.2	-29.5	Clear	No Odor
19:15	5	125	4.00	1.53	7.55	7.77	3.50	0.23	17.5	-29.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL
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Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12477 Levan; Front Parking Lot	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-203S			Date	11-2-21
Project Name/Location		Ford LTP		Weather	Overcast temp 42, winds west at 12 mph		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.90	Total Depth (ft-bmp)	8.80	Water Column (ft.)	4.90	Gallons in Well	0.80
		Pump Intake (ft-bmp)	5.40	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.50				
Sample Time: Label	18:16	Volume Purged	2 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	17:13						
Purge End	18:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
17:15	0	100	3.90	0.00	7.74	2.59	25.90	4.13	17.8	66.8	Cloudy	No Odor
17:20	5	125	3.90	0.13	7.76	2.82	22.40	3.89	18.1	65.5	Cloudy	No Odor
17:25	5	125	3.90	0.30	7.79	3.26	13.90	3.49	18.1	66.3	Clear	No Odor
17:30	5	125	3.90	0.47	7.81	3.53	40.00	3.32	17.9	66.8	Cloudy	No Odor
17:35	5	125	3.90	0.64	7.82	3.56	59.80	3.48	17.8	68.0	Cloudy	No Odor
17:40	5	125	3.90	0.81	7.84	3.60	64.20	3.28	17.7	71.2	Cloudy	No Odor
17:45	5	125	3.90	0.98	7.84	3.71	60.60	3.17	17.5	74.2	Cloudy	No Odor
17:50	5	125	3.90	1.15	7.86	3.86	58.70	3.09	17.5	77.0	Cloudy	No Odor
17:55	5	125	3.90	1.32	7.84	4.00	49.20	2.97	17.5	78.7	Cloudy	No Odor
18:00	5	125	3.90	1.49	7.84	4.37	40.00	2.84	17.7	80.7	Cloudy	No Odor
18:05	5	125	3.90	1.66	7.83	4.79	28.30	2.60	17.6	78.3	Cloudy	No Odor
18:10	5	125	3.90	1.83	7.82	5.08	24.40	2.72	17.8	69.8	Cloudy	No Odor
18:15	5	125	3.90	2.00	7.83	5.40	24.00	2.23	17.7	60.2	Cloudy	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL
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Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12477 Levan; Front Parking Lot	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-206			Date	11-1-21
Project Name/Location		Ford LTP		Weather		50F, sunny	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.16	Total Depth (ft-bmp)	18.19	Water Column (ft.)	10.03	Gallons in Well	1.63
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.96				
Sample Time: Label	10:30	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	9:30						
Purge End	10:35						

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Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:30	0	100	8.16	0.00	7.02	2.81	258.00	1.73	17.9	176.4	Cloudy	No Odor
9:35	5	100	8.19	0.13	7.04	2.80	214.00	1.66	17.9	166.4	Cloudy	No Odor
9:40	5	100	8.21	0.26	7.07	2.77	181.00	1.63	17.9	154.3	Cloudy	No Odor
9:45	5	100	8.21	0.39	7.10	2.77	154.00	1.75	17.7	143.3	Cloudy	No Odor
9:50	5	100	8.21	0.52	7.14	2.79	107.00	1.86	17.9	136.2	Cloudy	No Odor
9:55	5	100	8.21	0.65	7.19	2.84	78.10	2.06	17.8	124.5	Cloudy	No Odor
10:00	5	100	8.21	0.78	7.20	2.84	51.30	2.07	17.8	106.7	Cloudy	No Odor
10:05	5	100	8.21	0.91	7.20	2.81	32.10	1.88	17.9	75.1	Clear	No Odor
10:10	5	100	8.21	1.04	7.20	2.81	26.00	1.85	17.9	71.6	Clear	No Odor
10:15	5	100	8.21	1.17	7.20	2.80	21.10	1.84	17.9	68.0	Clear	No Odor
10:20	5	100	8.21	1.30	7.20	2.79	15.70	1.80	17.9	62.1	Clear	No Odor
10:25	5	100	8.21	1.43	7.20	2.79	9.62	1.80	17.9	56.1	Clear	No Odor
10:30	5	100	8.21	1.56	7.20	2.79	7.32	1.80	17.9	56.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL
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Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12477 Levan; back parking lot	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-206S			Date	11-1-21
Project Name/Location		Ford LTP		Weather		55F, sunny	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-11.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.03	Total Depth (ft-bmp)	11.44	Water Column (ft.)	3.41	Gallons in Well	0.55
		Pump Intake (ft-bmp)	9.53	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.65				
Sample Time: Label	11:20	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	10:40						ST
Purge End	11:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	100	8.01	0.00	7.73	0.92	14.00	4.13	19.0	31.9	Clear	No Odor
10:45	5	100	8.04	0.13	7.72	0.89	32.10	1.22	19.2	33.0	Cloudy	No Odor
10:50	5	100	8.04	0.26	7.60	0.82	58.20	3.73	19.4	-3.4	Cloudy	No Odor
10:55	5	100	8.04	0.39	7.42	0.84	55.10	0.67	19.3	-51.2	Clear	No Odor
11:00	5	100	8.04	0.52	7.37	0.84	51.80	3.28	19.4	-59.6	Cloudy	No Odor
11:05	5	100	8.04	0.65	7.37	0.88	46.80	3.28	19.4	-59.6	Cloudy	No Odor
11:10	5	100	8.04	0.78	7.32	0.88	46.80	3.30	19.5	-65.4	Cloudy	No Odor
11:15	5	100	8.04	0.91	7.32	0.89	45.20	3.31	19.3	-63.9	Cloudy	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL
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Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	12447 Levan; back parking lot	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-207S			Date	11-19-21
Project Name/Location		Ford LTP		Weather	37.0 degrees F and Mostly Clear. The wind is blowing W at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.25	Total Depth (ft-bmp)	8.80	Water Column (ft.)	1.55	Gallons in Well	0.25
		Pump Intake (ft-bmp)	8.75	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	9.00				
Sample Time: Label	11:53	Volume Purged	2.25 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	11:03						
Purge End	11:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	190	7.30	0.00	7.77	0.38	1.38	2.78	15.0	147.5	Clear	No Odor
11:10	5	190	7.30	0.25	7.77	0.35	0.50	2.70	15.0	145.1	Clear	No Odor
11:15	5	190	7.30	0.50	7.69	0.36	0.02	3.05	15.0	146.0	Clear	No Odor
11:20	5	190	7.30	0.75	7.68	0.37	0.02	2.65	15.0	143.0	Clear	No Odor
11:25	5	190	7.30	1.00	7.65	0.37	0.02	2.78	15.1	139.7	Clear	No Odor
11:30	5	190	7.30	1.25	7.63	0.38	0.02	2.93	15.1	135.6	Clear	No Odor
11:35	5	190	7.30	1.50	7.63	0.38	0.02	1.60	15.1	133.5	Clear	No Odor
11:40	5	190	7.30	1.75	7.61	0.39	0.02	1.56	15.0	126.5	Clear	No Odor
11:45	5	190	7.30	2.00	7.61	0.40	0.02	1.56	15.1	124.9	Clear	No Odor
11:50	5	190	7.30	2.25	7.61	0.40	0.02	1.59	15.0	120.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12125 Stark Rd; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-214S			Date	11-15-21
Project Name/Location		Ford LTP		Weather	37.9 degrees F and Mostly Cloudy. The wind is blowing W at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.74	Total Depth (ft-bmp)	10.90	Water Column (ft.)	4.16	Gallons in Well	0.68
		Pump Intake (ft-bmp)	8.24	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.24				
Sample Time: Label	13:05	Volume Purged	2.2 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	11:57						
Purge End	13:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:01	0	150	6.75	0.00	7.45	1.06	11.50	4.58	15.9	84.3	Clear, Turbid	No Odor
12:06	5	150	6.75	0.20	7.24	2.60	16.40	4.30	15.9	79.0	Clear, Small Black Particulates,	No Odor
12:11	5	150	6.75	0.40	7.09	3.96	27.10	2.25	15.8	51.1	Small Orange Particulates, Turbid	No Odor
12:16	5	150	6.75	0.60	7.08	4.15	35.60	1.62	15.9	17.4	Small Orange Particulates, Turbid	No Odor
12:21	5	150	6.75	0.80	7.08	4.21	23.60	1.33	16.0	-10.4	Small Orange Particulates, Turbid	No Odor
12:26	5	150	6.75	1.00	7.08	4.20	17.70	1.14	16.0	-23.8	Small Orange Particulates, Turbid	No Odor
12:31	5	150	6.75	1.20	7.07	4.20	12.00	1.01	15.9	-32.0	Turbid	No Odor
12:36	5	150	6.75	1.40	7.06	4.18	8.03	1.01	15.8	-35.8	Turbid	No Odor
12:41	5	150	6.75	1.60	7.07	4.18	5.11	0.83	15.9	-40.2	Turbid	No Odor
12:46	5	150	6.75	1.80	7.06	4.18	2.74	0.76	15.8	-41.4	Clear	No Odor
12:51	5	150	6.75	2.00	7.06	4.18	1.78	0.78	15.8	-41.8	Clear	No Odor
12:56	5	150	6.75	2.20	7.06	4.19	1.93	0.71	16.0	-42.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12400 Belden Court	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-215S			Date	11-1-21
Project Name/Location		Ford LTP		Weather		55F, cloudy	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.26	Total Depth (ft-bmp)	7.59	Water Column (ft.)	3.33	Gallons in Well	0.54
		Pump Intake (ft-bmp)	5.76	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.44				
Sample Time: Label	13:55	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	13:15						ST
Purge End	14:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	100	4.25	0.00	8.20	0.26	53.80	7.13	16.5	-5.7	Clear	No Odor
13:25	5	100	4.25	0.13	8.14	0.23	55.40	6.57	16.6	-0.5	Cloudy	No Odor
13:30	5	100	4.26	0.26	8.19	0.23	52.10	6.51	16.6	-2.4	Cloudy	No Odor
13:35	5	100	4.26	0.39	8.27	0.23	53.60	6.59	16.7	-4.0	Cloudy	No Odor
13:40	5	100	4.25	0.52	8.32	0.23	53.10	6.56	16.8	-5.1	Cloudy	No Odor
13:45	5	100	4.25	0.65	8.33	0.23	52.80	6.37	16.8	-4.0	Cloudy	No Odor
13:50	5	100	4.25	0.78	8.33	0.23	52.90	6.38	16.8	-4.1	Cloudy	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	35000 Plymouth; back parking lot	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-216S			Date	11-10-21
Project Name/Location		Ford LTP		Weather		50F, sunny	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.37	Total Depth (ft-bmp)	10.38	Water Column (ft.)	3.01	Gallons in Well	0.49
		Pump Intake (ft-bmp)	8.87	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.59				
Sample Time: Label	12:00	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	11:20						ST
Purge End	12:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:25	0	100	7.39	0.00	7.19	0.19	3.33	4.57	12.5	111.8	Clear	No Odor
11:30	5	100	7.40	0.13	6.97	0.19	3.26	3.31	13.0	115.4	Clear	No Odor
11:35	5	100	7.40	0.26	6.97	0.19	1.57	3.22	13.0	117.1	Clear	No Odor
11:40	5	100	7.40	0.39	6.99	0.20	1.21	3.06	13.0	117.8	Clear	No Odor
11:45	5	100	7.40	0.52	7.00	0.21	0.02	3.02	13.0	117.9	Clear	No Odor
11:50	5	100	7.40	0.65	7.01	0.21	0.02	3.08	13.1	118.0	Clear	No Odor
11:55	5	100	7.40	0.78	7.01	0.21	0.02	3.04	13.1	118.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	34851 Wadsworth; backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-217S			Date	11-9-21
Project Name/Location		Ford LTP		Weather	57.9 degrees F and Cloudy. The wind is blowing E at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.50	Total Depth (ft-bmp)	10.20	Water Column (ft.)	3.70	Gallons in Well	0.60
		Pump Intake (ft-bmp)	8.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.98				
Sample Time: Label	14:26	Volume Purged	1.19 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:47						
Purge End	14:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:50	0	125	6.51	0.00	6.61	0.34	1.87	0.46	13.7	-65.1	Clear	Slight Odor
13:55	5	125	6.51	0.17	6.67	0.35	3.32	0.33	13.7	-74.1	Clear	Slight Odor
14:00	5	125	6.51	0.34	6.74	0.36	5.39	0.24	13.8	-83.7	Clear	Slight Odor
14:05	5	125	6.51	0.51	6.79	0.37	5.68	0.24	13.7	-90.6	Clear	Slight Odor
14:10	5	125	6.51	0.68	6.80	0.37	5.62	0.20	13.7	-91.9	Clear	Slight Odor
14:15	5	125	6.51	0.85	6.82	0.37	4.33	0.20	13.7	-94.7	Clear	Slight Odor
14:20	5	125	6.51	1.02	6.83	0.37	4.19	0.19	13.7	-96.7	Clear	Slight Odor
14:25	5	125	6.51	1.19	6.85	0.37	3.68	0.17	13.7	-98.6	Clear	Slight Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34935 Wadsworth; back yard	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-223S			Date	11-1-21
Project Name/Location		Ford LTP		Weather		55F, sunny	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.5-13.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.51	Total Depth (ft-bmp)	13.22	Water Column (ft.)	2.71	Gallons in Well	0.44
		Pump Intake (ft-bmp)	12.01	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.25				
Sample Time: Label	13:00	Volume Purged	1.43 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	12:00						ST
Purge End	13:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:05	0	100	10.52	0.00	7.21	3.22	64.80	2.14	18.9	63.9	Clear	No Odor
12:10	5	100	10.53	0.13	7.19	3.28	47.50	1.06	18.8	25.7	Clear	No Odor
12:15	5	100	10.54	0.26	7.19	3.26	43.30	0.91	18.9	2.9	Clear	No Odor
12:20	5	100	10.55	0.39	7.19	3.22	24.30	0.81	18.8	-25.9	Clear	No Odor
12:25	5	100	10.55	0.52	7.20	3.17	24.90	0.77	18.6	-33.5	Clear	No Odor
12:30	5	100	10.55	0.65	7.19	3.09	27.80	0.67	18.6	-42.9	Clear	No Odor
12:35	5	100	10.55	0.78	7.18	3.00	20.30	0.68	18.7	-48.5	Clear	No Odor
12:40	5	100	10.55	0.91	7.18	2.92	11.10	0.66	18.8	-51.2	Clear	No Odor
12:45	5	100	10.55	1.04	7.18	2.87	5.56	0.64	18.8	-53.8	Clear	No Odor
12:50	5	100	10.55	1.17	7.18	2.88	0.02	0.65	18.8	-53.9	Clear	No Odor
12:55	5	100	10.55	1.30	7.18	2.87	0.02	0.65	18.8	-53.8	Clear	No Odor
13:00	5	100	10.55	1.43	7.18	2.87	0.02	0.65	18.8	-53.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	35000 Plymouth; Drive-way	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-225S			Date	11-1-21
Project Name/Location		Ford LTP		Weather	8.9 degC and Mostly Cloudy. The wind is blowing at 24.12 km/hr.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.34	Total Depth (ft-bmp)	9.52	Water Column (ft.)	3.18	Gallons in Well	0.52
		Pump Intake (ft-bmp)	7.84	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.31				
Sample Time: Label	13:06	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	12:34						
Purge End	13:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:35	0	150	6.42	0.00	6.79	0.25	9.45	6.46	16.3	128.1	Clear	No Odor
12:40	5	150	6.42	0.20	6.90	0.25	7.98	5.81	16.3	125.3	Clear	No Odor
12:45	5	150	6.42	0.40	6.87	0.26	5.61	5.70	16.2	126.7	Clear	No Odor
12:50	5	150	6.42	0.60	6.80	0.26	5.69	5.66	16.2	130.7	Clear	No Odor
12:55	5	150	6.42	0.80	6.84	0.26	4.88	5.43	16.2	128.4	Clear	No Odor
13:00	5	150	6.42	1.00	6.79	0.26	2.43	5.60	16.3	131.6	Clear	No Odor
13:05	5	150	6.42	1.20	6.89	0.27	1.84	5.55	16.3	128.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34800 Standish; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-72			Date	11-16-21
Project Name/Location		Ford LTP		Weather	37.9 degrees F and Mostly Cloudy. The wind is blowing S at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.35	Total Depth (ft-bmp)	19.65	Water Column (ft.)	12.30	Gallons in Well	2.00
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.77				
Sample Time: Label	11:05	Volume Purged	1.53 gallons	Replicate/Code No.	DUP-08	Sampled by	Samantha Hindle
Purge Start	10:11						
Purge End	11:11						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:12	0	130	7.36	0.00	7.37	10.90	0.02	4.20	14.8	91.4	Clear	Faint Odor
10:17	5	130	7.36	0.17	7.40	11.09	0.02	3.86	16.0	40.6	Clear	Faint Odor
10:22	5	130	7.36	0.34	7.38	11.09	0.02	2.89	16.3	-9.9	Clear	Faint Odor
10:27	5	130	7.36	0.51	7.37	11.06	0.02	3.06	16.3	-28.7	Clear	Faint Odor
10:32	5	130	7.36	0.68	7.36	11.05	0.02	2.38	16.5	-44.0	Clear	Faint Odor
10:37	5	130	7.36	0.85	7.36	11.03	0.02	0.24	16.6	-55.3	Clear	No Odor
10:42	5	130	7.36	1.02	7.35	11.03	0.02	0.29	16.5	-62.9	Clear	No Odor
10:47	5	130	7.36	1.19	7.34	11.02	0.02	0.31	16.6	-69.6	Clear	No Odor
10:52	5	130	7.36	1.36	7.33	11.01	0.02	0.24	16.6	-75.2	Clear	No Odor
10:57	5	130	7.36	1.53	7.33	11.01	0.02	0.18	16.7	-79.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-72S			Date	11-16-21
Project Name/Location		Ford LTP		Weather	37.9 degrees F and Mostly Cloudy. The wind is blowing S at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.55	Total Depth (ft-bmp)	13.00	Water Column (ft.)	5.45	Gallons in Well	0.89
		Pump Intake (ft-bmp)	9.05	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.36				
Sample Time: Label	13:03	Volume Purged	2.1 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	12:04						
Purge End	13:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:06	0	160	7.55	0.00	8.07	5.63	5.77	2.26	15.2	-6.4	Clear	Faint Odor
12:11	5	160	7.55	0.21	8.02	5.63	0.09	1.54	15.6	-6.8	Clear	No Odor
12:16	5	160	7.55	0.42	7.97	5.61	0.02	1.66	16.2	-6.7	Clear	No Odor
12:21	5	160	7.55	0.63	7.89	5.54	0.02	1.97	16.4	-5.3	Clear	No Odor
12:26	5	160	7.55	0.84	7.84	5.50	0.02	1.97	16.5	-4.2	Clear	No Odor
12:31	5	160	7.55	1.05	7.78	5.50	0.02	2.21	16.2	-2.9	Clear	No Odor
12:36	5	160	7.55	1.26	7.58	5.79	0.02	2.09	16.4	-1.0	Clear	No Odor
12:41	5	160	7.55	1.47	7.54	5.84	0.02	2.11	16.5	-0.7	Clear	No Odor
12:46	5	160	7.55	1.68	7.45	6.07	0.02	1.98	16.5	0.5	Clear	No Odor
12:51	5	160	7.55	1.89	7.42	6.13	0.02	2.05	16.5	0.7	Clear	No Odor
12:56	5	160	7.55	2.10	7.40	6.22	0.02	2.11	16.6	0.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Outer casing filled with water, bailed before beginning purge. Confirmed J-plug sealed tight.

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden Court	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-73D			Date	11-17-21
Project Name/Location		Ford LTP		Weather	57.9 degrees F and Haze. The wind is blowing S at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	13.5-18.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.30	Total Depth (ft-bmp)	17.38	Water Column (ft.)	12.08	Gallons in Well	1.96
		Pump Intake (ft-bmp)	16.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.47				
Sample Time: Label	11:20	Volume Purged	2.88 gallons	Replicate/Code No.	DUP-10	Sampled by	Samantha Hindle
Purge Start	10:08						
Purge End	11:27						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:10	0	180	5.55	0.00	7.42	5.38	2.30	2.31	16.9	84.6	Clear, Small Black Particulates	No Odor
10:15	5	180	5.55	0.24	7.47	5.59	30.30	1.03	17.3	7.8	Clear, Small Black Particulates	No Odor
10:20	5	180	5.55	0.48	7.46	5.62	28.20	0.91	17.2	-42.1	Clear, Small Black Particulates	No Odor
10:25	5	180	5.55	0.72	7.44	5.67	17.00	0.75	17.3	-64.3	Clear	No Odor
10:30	5	180	5.55	0.96	7.42	6.02	12.10	0.86	17.3	-81.2	Clear, Small Black Particulates	No Odor
10:35	5	180	5.55	1.20	7.41	6.28	18.80	0.73	17.3	-88.0	Clear, Small Black Particulates	No Odor
10:40	5	180	5.55	1.44	7.40	6.50	15.00	0.72	17.3	-93.8	Clear, Small Black Particulates	No Odor
10:45	5	180	5.55	1.68	7.39	6.93	17.10	0.81	17.3	-99.6	Clear, Small Black Particulates	No Odor
10:50	5	180	5.55	1.92	7.39	7.02	9.90	0.57	17.4	-103.1	Clear, Small Black Particulates	No Odor
10:55	5	180	5.55	2.16	7.37	7.40	16.10	0.52	17.4	-104.6	Clear, Small Black Particulates	No Odor
11:00	5	180	5.55	2.40	7.37	7.55	11.50	0.44	17.4	-105.3	Clear, Small Black Particulates	No Odor
11:05	5	180	5.55	2.64	7.36	7.82	4.06	0.42	17.4	-106.1	Clear, Small Black Particulates	No Odor
11:10	5	180	5.55	2.88	7.35	8.00	5.77	2.30	17.4	-106.3	Clear, Small Black Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-73SR			Date	11-17-21
Project Name/Location		Ford LTP		Weather	55.9 degrees F and Fog/Mist.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.35	Total Depth (ft-bmp)	12.40	Water Column (ft.)	7.05	Gallons in Well	1.15
		Pump Intake (ft-bmp)	6.85	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.25				
Sample Time: Label	12:40	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	11:46						
Purge End	12:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:48	0	120	5.40	0.00	6.72	6.76	0.02	2.50	16.8	-1.3	Clear	No Odor
11:53	5	120	5.40	0.16	6.74	6.55	0.02	2.32	16.7	-2.7	Clear, Small Black Particulates	No Odor
11:58	5	120	5.40	0.32	6.74	6.78	0.02	1.29	16.9	-1.0	Clear	No Odor
12:03	5	120	5.40	0.48	6.75	6.79	0.02	0.70	16.9	0.4	Clear	No Odor
12:08	5	120	5.40	0.64	6.75	6.79	0.02	0.59	16.9	1.6	Clear	No Odor
12:13	5	120	5.40	0.80	6.75	6.79	0.02	0.51	16.8	2.6	Clear	No Odor
12:18	5	120	5.40	0.96	6.85	7.19	0.02	0.40	16.9	2.5	Clear	No Odor
12:23	5	120	5.40	1.12	6.88	7.46	0.02	0.47	16.9	-2.8	Clear	No Odor
12:28	5	120	5.40	1.28	6.89	7.51	0.02	0.35	16.9	-6.1	Clear	No Odor
12:33	5	120	5.40	1.44	6.90	7.57	0.02	0.33	16.9	-9.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-74			Date	11-16-21
Project Name/Location		Ford LTP		Weather	41.0 degrees F and Mostly Cloudy. The wind is blowing SE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.15	Total Depth (ft-bmp)	18.80	Water Column (ft.)	12.65	Gallons in Well	2.06
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.17				
Sample Time: Label	16:35	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	15:30						
Purge End	16:38						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:31	0	150	6.15	0.00	7.29	7.52	2.20	2.00	16.4	-54.9	Clear, Small Orange Particulates	No Odor
15:36	5	150	6.15	0.20	7.28	7.63	4.59	1.04	16.4	-63.9	Clear, Small Orange Particulates	No Odor
15:41	5	150	6.15	0.40	7.28	8.07	7.77	0.43	16.1	-80.3	Clear	No Odor
15:46	5	150	6.15	0.60	7.28	8.30	5.58	0.32	16.1	-84.5	Clear, Small Orange Particulates	No Odor
15:51	5	150	6.15	0.80	7.28	8.39	1.71	0.26	16.0	-87.0	Clear	No Odor
15:56	5	150	6.15	1.00	7.28	8.47	9.07	0.21	16.1	-89.7	Clear	No Odor
16:01	5	150	6.15	1.20	7.29	8.59	6.37	0.18	16.0	-91.9	Clear, Small White Particulates	No Odor
16:06	5	150	6.15	1.40	7.28	8.71	5.36	0.17	15.9	-93.0	Small White Particulates	No Odor
16:11	5	150	6.15	1.60	7.28	8.74	9.00	0.17	15.9	-93.9	Clear	No Odor
16:16	5	150	6.15	1.80	7.28	8.81	3.44	0.15	15.6	-94.7	Clear, Small White Particulates	No Odor
16:21	5	150	6.15	2.00	7.28	8.88	5.81	0.16	15.7	-95.9	Clear	No Odor
16:26	5	150	6.15	2.20	7.29	8.91	4.13	0.16	15.6	-96.6	Clear, Small White Particulates	No Odor
16:31	5	150	6.15	2.40	7.28	8.93	3.55	0.16	15.4	-96.6	Clear, Small White Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-74S			Date	11-16-21
Project Name/Location		Ford LTP		Weather	43.0 degrees F and Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.15	Total Depth (ft-bmp)	12.60	Water Column (ft.)	6.45	Gallons in Well	1.05
		Pump Intake (ft-bmp)	7.65	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.00				
Sample Time: Label	15:05	Volume Purged	2.1 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	14:07						
Purge End	15:08						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:08	0	160	6.15	0.00	7.03	1.73	0.02	2.46	15.7	15.2	Clear	No Odor
14:13	5	160	6.15	0.21	7.01	1.86	0.02	2.21	15.7	13.7	Clear	No Odor
14:18	5	160	6.15	0.42	6.78	4.30	0.02	1.37	16.3	13.8	Clear	No Odor
14:23	5	160	6.15	0.63	6.80	5.64	0.02	0.99	16.3	10.3	Clear	No Odor
14:28	5	160	6.15	0.84	6.84	6.05	0.02	0.70	16.5	2.7	Clear	No Odor
14:33	5	160	6.15	1.05	6.87	6.42	0.02	0.63	16.8	-6.0	Clear	No Odor
14:38	5	160	6.15	1.26	6.90	6.85	0.02	0.53	17.1	-15.2	Clear	No Odor
14:43	5	160	6.15	1.47	6.90	7.15	0.02	0.55	17.0	-19.3	Clear	No Odor
14:48	5	160	6.15	1.68	6.90	7.36	0.02	0.45	16.8	-25.3	Clear	No Odor
14:53	5	160	6.15	1.89	6.90	7.42	0.02	0.45	16.5	-28.3	Clear	No Odor
14:58	5	160	6.15	2.10	6.90	7.52	0.02	0.38	16.8	-31.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	no
Condition of Well:	Broken thread tabs,Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	no

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-75D			Date	11-17-21
Project Name/Location		Ford LTP		Weather	61.0 degrees F and Light Rain. The wind is blowing S/SW at 17.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.25	Total Depth (ft-bmp)	16.65	Water Column (ft.)	11.40	Gallons in Well	1.85
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.10				
Sample Time: Label	15:10	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	13:54						
Purge End	15:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:55	0	130	5.30	0.00	7.84	5.70	326.00	0.84	17.2	-30.8	Black, Gray	Faint Odor
14:00	5	130	5.30	0.17	7.83	5.70	310.00	0.55	17.2	-54.8	Gray	Faint Odor
14:05	5	130	5.30	0.34	7.81	5.70	316.00	0.49	17.3	-99.7	Gray	Faint Odor
14:10	5	130	5.30	0.51	7.79	5.66	309.00	0.47	17.2	-130.3	Gray	Faint Odor
14:15	5	130	5.30	0.68	7.78	5.62	277.00	0.46	17.2	-155.2	Gray	Faint Odor
14:20	5	130	5.30	0.85	7.77	5.57	263.00	0.45	17.2	-165.8	Gray	No Odor
14:25	5	130	5.30	1.02	7.76	5.53	239.00	0.43	17.2	-172.1	Gray	Faint Odor
14:30	5	130	5.30	1.19	7.75	5.44	226.00	0.41	17.3	-176.1	Gray	Faint Odor
14:35	5	130	5.30	1.36	7.75	5.43	214.00	0.39	17.3	-177.4	Gray	No Odor
14:40	5	130	5.30	1.53	7.73	5.36	157.00	0.39	17.3	-178.5	Gray	No Odor
14:45	5	130	5.30	1.70	7.72	5.29	139.00	0.37	17.2	-178.5	Gray	No Odor
14:50	5	130	5.30	1.87	7.71	5.26	116.00	0.36	17.2	-180.1	Gray	No Odor
14:55	5	130	5.30	2.04	7.70	5.25	106.00	4.84	17.2	-180.5	Gray	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-75SR			Date	11-18-21
Project Name/Location		Ford LTP		Weather	41.0 degrees F and Mostly Cloudy and Windy. The wind is blowing W at 19.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.30	Total Depth (ft-bmp)	12.40	Water Column (ft.)	7.10	Gallons in Well	1.15
		Pump Intake (ft-bmp)	6.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.04				
Sample Time: Label	12:45	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	11:58						
Purge End	12:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:02	0	110	5.30	0.00	7.38	1.25	0.02	3.15	14.3	70.5	Clear, Small White Particulates	No Odor
12:07	5	110	5.30	0.15	7.38	1.26	0.02	1.76	14.3	67.6	Clear, Small Orange Particulates	No Odor
12:12	5	110	5.30	0.30	7.37	1.26	0.02	0.76	14.9	61.5	Clear	No Odor
12:17	5	110	5.30	0.45	7.34	1.27	0.02	0.43	14.8	52.7	Clear	No Odor
12:22	5	110	5.30	0.60	7.34	1.27	0.02	0.44	14.8	52.0	Clear	No Odor
12:27	5	110	5.30	0.75	7.32	1.28	0.02	0.37	14.8	45.5	Clear	No Odor
12:32	5	110	5.30	0.90	7.32	1.28	0.02	0.31	14.9	38.2	Clear	No Odor
12:37	5	110	5.30	1.05	7.31	1.30	0.02	0.30	14.7	31.8	Clear	No Odor
12:42	5	110	5.30	1.20	7.31	1.30	0.02	0.30	14.7	30.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-76			Date	11-11-21
Project Name/Location		Ford LTP		Weather	60.1 degrees F and Mostly Cloudy. The wind is blowing S/SE at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.10	Total Depth (ft-bmp)	19.61	Water Column (ft.)	10.51	Gallons in Well	1.71
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.81				
Sample Time: Label	13:30	Volume Purged	1.38 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	12:54						
Purge End	13:37						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:55	0	175	9.11	0.00	7.41	7.90	8.76	1.53	18.6	27.4	Clear	No Odor
13:00	5	175	9.11	0.23	7.23	8.49	2.91	0.54	18.6	-1.9	Clear	No Odor
13:05	5	175	9.11	0.46	7.25	9.17	2.43	0.33	18.6	-6.5	Clear	No Odor
13:10	5	175	9.11	0.69	7.24	9.37	3.44	0.22	18.6	-6.8	Clear	No Odor
13:15	5	175	9.11	0.92	7.23	9.42	0.02	0.18	18.7	-6.5	Clear	No Odor
13:20	5	175	9.11	1.15	7.23	9.47	2.79	0.16	19.0	-5.8	Clear	No Odor
13:25	5	175	9.11	1.38	7.22	9.53	0.86	0.18	18.9	-5.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-76S			Date	11-11-21
Project Name/Location		Ford LTP		Weather	52.0 degrees F. The wind is blowing ESE at 8.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.97	Total Depth (ft-bmp)	14.13	Water Column (ft.)	5.16	Gallons in Well	0.84
		Pump Intake (ft-bmp)	10.47	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.67				
Sample Time: Label	9:35	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	8:55						
Purge End	9:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:57	0	150	9.01	0.00	7.45	4.40	8.50	1.89	18.4	115.7	Clear	No Odor
9:02	5	150	9.01	0.20	7.33	4.95	12.40	1.45	18.6	116.8	Clear	No Odor
9:07	5	150	9.01	0.40	7.33	5.00	8.15	1.25	18.6	117.3	Clear	No Odor
9:12	5	150	9.01	0.60	7.24	6.15	2.99	0.67	18.6	113.3	Clear	No Odor
9:17	5	150	9.01	0.80	7.24	6.34	2.48	0.60	18.6	97.1	Clear	No Odor
9:22	5	150	9.01	1.00	7.25	6.45	1.91	0.53	18.6	89.3	Clear	No Odor
9:27	5	150	9.01	1.20	7.25	6.50	2.03	0.56	18.5	87.0	Clear	No Odor
9:32	5	150	9.01	1.40	7.24	6.55	1.78	0.56	18.5	84.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-77			Date	11-4-21
Project Name/Location		Ford LTP		Weather	40.0 degrees F and Overcast.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.01	Total Depth (ft-bmp)	13.71	Water Column (ft.)	9.70	Gallons in Well	1.58
		Pump Intake (ft-bmp)	11.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.41				
Sample Time: Label	11:05	Volume Purged	0.65 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	10:29						ST
Purge End	11:08						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	100	4.02	0.00	7.31	1.95	0.02	2.13	16.2	-28.4	Clear	No Odor
10:35	5	100	4.02	0.00	7.17	1.95	0.02	1.83	15.5	-32.8	Clear	No Odor
10:40	5	100	4.02	0.13	7.17	1.95	0.02	1.83	15.5	-33.6	Clear	No Odor
10:45	5	100	4.02	0.26	7.17	1.95	0.02	1.83	15.5	-33.9	Clear	No Odor
10:50	5	100	4.02	0.39	7.17	1.95	0.02	1.83	15.5	-35.2	Clear	No Odor
10:55	5	100	4.02	0.52	7.17	1.95	0.02	1.83	15.5	-34.9	Clear	No Odor
11:00	5	100	4.02	0.65	7.17	1.95	0.02	1.83	15.5	-34.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-77S			Date	11-4-21
Project Name/Location		Ford LTP		Weather	45.0 degrees F and Overcast.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.92	Total Depth (ft-bmp)	12.14	Water Column (ft.)	8.22	Gallons in Well	1.34
		Pump Intake (ft-bmp)	5.42	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.44				
Sample Time: Label	12:00	Volume Purged	0.59 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	11:24						ST
Purge End	12:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:25	0	100	3.95	0.00	7.54	0.66	5.13	1.52	15.1	-25.2	Clear	No Odor
11:30	5	100	3.95	0.00	7.50	0.62	1.63	1.06	15.6	-17.5	Clear	No Odor
11:35	5	100	3.95	0.13	7.50	0.63	0.02	1.05	15.6	-16.9	Clear	No Odor
11:40	5	100	3.95	0.20	7.50	0.63	0.02	1.05	15.6	-17.6	Clear	No Odor
11:45	5	100	3.95	0.33	7.50	0.64	0.02	1.06	15.4	-17.5	Clear	No Odor
11:50	5	100	3.95	0.46	7.50	0.64	0.02	1.06	15.4	-17.3	Clear	No Odor
11:55	5	100	3.95	0.59	7.50	0.64	0.02	1.06	15.4	-16.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-78			Date	11-11-21
Project Name/Location		Ford LTP		Weather	54.0 degrees F and Mostly Cloudy. The wind is blowing S/SE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.70	Total Depth (ft-bmp)	11.75	Water Column (ft.)	10.05	Gallons in Well	1.63
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.83				
Sample Time: Label	11:01	Volume Purged	1.36 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:17						
Purge End	11:09						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	125	1.70	0.00	7.15	3.83	2.65	0.50	14.9	-42.7	Clear, Small White Particulates	No Odor
10:25	5	125	1.71	0.17	7.23	3.64	3.26	0.41	14.8	-72.4	Clear, Small Brown Particulates	No Odor
10:30	5	125	1.71	0.34	7.27	3.49	3.04	0.37	14.8	-82.2	Clear, Small Brown Particulates	No Odor
10:35	5	125	1.71	0.51	7.29	3.34	2.02	0.39	14.9	-87.4	Clear, Small Brown Particulates	No Odor
10:40	5	125	1.71	0.68	7.31	3.16	1.63	0.43	14.8	-89.5	Clear	No Odor
10:45	5	125	1.71	0.85	7.32	3.03	2.34	0.48	14.7	-89.6	Clear	No Odor
10:50	5	125	1.71	1.02	7.33	2.96	2.88	0.49	14.7	-89.0	Clear	No Odor
10:55	5	125	1.72	1.19	7.34	2.93	1.18	0.51	14.7	-88.9	Clear	No Odor
11:00	5	125	1.72	1.36	7.34	2.92	0.97	0.50	14.7	-88.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-78S			Date	11-11-21
Project Name/Location		Ford LTP		Weather	59.0 degrees F and Cloudy. The wind is blowing S/SE at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.92	Total Depth (ft-bmp)	12.29	Water Column (ft.)	10.37	Gallons in Well	1.69
		Pump Intake (ft-bmp)	3.42	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.60				
Sample Time: Label	11:51	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:17						
Purge End	11:58						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	125	1.95	0.00	7.09	0.74	2.57	0.54	13.3	31.9	Clear, Small Brown Particulates	No Odor
11:25	5	125	1.95	0.17	7.07	0.72	1.62	0.31	13.5	34.2	Clear	No Odor
11:30	5	125	1.95	0.34	7.09	0.71	1.87	0.28	13.4	34.8	Clear	No Odor
11:35	5	125	1.95	0.51	7.11	0.72	0.71	0.27	13.4	33.1	Clear	No Odor
11:40	5	125	1.95	0.68	7.12	0.72	0.57	0.25	13.4	30.4	Clear	No Odor
11:45	5	125	1.95	0.85	7.12	0.73	0.29	0.21	13.3	24.9	Clear	No Odor
11:50	5	125	1.95	1.02	7.12	0.72	1.07	0.22	13.2	20.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-79D			Date	11-5-21
Project Name/Location		Ford LTP		Weather	38.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.83	Total Depth (ft-bmp)	14.62	Water Column (ft.)	10.79	Gallons in Well	1.75
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.37				
Sample Time: Label	10:35	Volume Purged	0.65 gallons	Replicate/Code No.	DUP-13	Sampled by	Seth Turner
Purge Start	9:59						
Purge End	10:40						

ST

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:00	0	100	3.83	0.00	6.88	5.88	0.89	1.51	14.5	-47.9	Clear	No Odor
10:05	5	100	3.85	0.00	6.98	6.36	0.02	0.79	14.3	-68.9	Clear	No Odor
10:10	5	100	3.85	0.13	7.04	6.34	0.02	0.30	14.9	-87.2	Clear	No Odor
10:15	5	100	3.85	0.26	7.04	6.33	0.02	0.27	14.6	-88.0	Clear	No Odor
10:20	5	100	3.85	0.39	7.04	6.24	0.02	0.26	14.9	-87.8	Clear	No Odor
10:25	5	100	3.85	0.52	7.04	6.11	0.02	0.27	14.9	-87.9	Clear	No Odor
10:30	5	100	3.85	0.65	7.04	6.11	0.02	0.27	14.9	-87.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-79SR			Date	11-5-21
Project Name/Location		Ford LTP		Weather	35.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.69	Total Depth (ft-bmp)	12.27	Water Column (ft.)	8.58	Gallons in Well	1.39
		Pump Intake (ft-bmp)	5.19	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.65				
Sample Time: Label	11:35	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	10:49						
Purge End	11:40						

ST

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	100	3.69	0.00	7.30	1.30	1.85	3.55	14.8	-72.5	Clear	No Odor
10:55	5	100	3.69	0.00	7.30	1.30	1.85	3.55	14.8	-72.5	Clear	No Odor
11:00	5	100	3.70	0.13	7.09	0.67	0.02	3.33	14.9	-22.6	Clear	No Odor
11:05	5	100	3.71	0.26	7.07	0.53	0.02	2.76	15.0	-7.2	Clear	No Odor
11:10	5	100	3.71	0.39	7.05	0.54	0.02	2.68	15.0	2.2	Clear	No Odor
11:15	5	100	3.71	0.52	7.02	0.84	0.02	2.62	15.2	3.7	Clear	No Odor
11:20	5	100	3.71	0.65	7.03	1.02	0.02	2.70	15.2	-2.6	Clear	No Odor
11:25	5	100	3.71	0.78	7.03	1.04	0.02	2.81	15.2	-2.9	Clear	No Odor
11:30	5	100	3.71	0.91	7.03	1.04	0.02	2.81	15.2	-2.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-80SR			Date	11-8-21
Project Name/Location		Ford LTP		Weather	39.0 degrees F and Sunny. The wind is blowing S at 7.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.82	Total Depth (ft-bmp)	12.20	Water Column (ft.)	10.38	Gallons in Well	1.69
		Pump Intake (ft-bmp)	3.32	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.92				
Sample Time: Label	8:21	Volume Purged	1.56 gallons	Replicate/Code No.	DUP-07	Sampled by	Sommer Guy
Purge Start	7:47						
Purge End	8:27						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
7:49	0	200	1.89	0.00	6.98	2.47	2.95	0.87	15.5	-49.9	Clear	No Odor
7:54	5	200	1.90	0.26	6.99	2.32	1.25	0.31	14.9	-57.3	Clear	No Odor
7:59	5	200	1.90	0.52	7.01	2.24	0.02	0.16	15.0	-57.8	Clear	No Odor
8:04	5	200	1.90	0.78	7.02	2.20	0.66	0.12	15.1	-59.4	Clear	No Odor
8:09	5	200	1.90	1.04	7.03	2.18	0.02	0.08	15.2	-60.9	Clear	No Odor
8:14	5	200	1.90	1.30	7.03	2.16	0.02	0.07	15.2	-62.8	Clear	No Odor
8:19	5	200	1.90	1.56	7.02	2.16	0.63	0.07	15.2	-64.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Brewster ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-81			Date	11-8-21
Project Name/Location		Ford LTP		Weather	52.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.15	Total Depth (ft-bmp)	12.70	Water Column (ft.)	6.55	Gallons in Well	1.06
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.45				
Sample Time: Label	11:10	Volume Purged	2.6 gallons	Replicate/Code No.	MW-81-MS_110821, MW-81-MSD_110821	Sampled by	Christina Weaver
Purge Start	10:11						
Purge End	11:24						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:12	0	200	6.55	0.00	7.13	2.23	11.20	1.10	16.4	-29.3	Clear	No Odor
10:17	5	200	6.55	0.26	7.17	2.23	9.83	1.01	16.7	-34.4	Clear	No Odor
10:22	5	200	6.55	0.52	7.13	2.28	22.50	0.54	17.0	-35.6	Clear	No Odor
10:27	5	200	6.55	0.78	7.12	2.35	18.20	0.47	17.3	-38.5	Clear	No Odor
10:32	5	200	6.55	1.04	7.09	2.37	12.30	0.36	17.3	-38.9	Clear	No Odor
10:37	5	200	6.55	1.30	7.04	2.36	10.90	0.30	17.1	-39.4	Clear	No Odor
10:42	5	200	6.55	1.56	7.03	2.35	9.53	0.26	17.1	-41.4	Clear	No Odor
10:47	5	200	6.55	1.82	7.02	2.35	5.98	0.22	17.0	-42.7	Clear	No Odor
10:52	5	200	6.55	2.08	7.07	2.33	4.79	0.25	17.4	-46.4	Clear	No Odor
10:57	5	200	6.55	2.34	7.07	2.32	2.71	0.23	17.5	-47.9	Clear	No Odor
11:02	5	200	6.55	2.60	7.06	2.32	1.96	0.27	17.5	-48.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-81S			Date	11-8-21
Project Name/Location		Ford LTP		Weather	50.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.20	Total Depth (ft-bmp)	12.55	Water Column (ft.)	6.35	Gallons in Well	1.03
		Pump Intake (ft-bmp)	7.70	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.27				
Sample Time: Label	12:50	Volume Purged	2.34 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	11:52						
Purge End	12:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:57	0	200	6.36	0.00	6.95	2.02	18.20	2.00	18.0	-25.3	Clear	No Odor
12:02	5	200	6.36	0.26	6.92	2.01	8.81	2.70	17.7	-29.9	Clear	No Odor
12:07	5	200	6.36	0.52	6.93	2.01	7.11	1.77	17.7	-33.6	Clear	No Odor
12:12	5	200	6.36	0.78	6.94	2.01	6.58	2.36	17.6	-37.2	Clear	No Odor
12:17	5	200	6.36	1.04	6.96	2.02	5.11	1.11	17.8	-40.6	Clear	No Odor
12:22	5	200	6.36	1.30	6.98	2.02	5.20	1.08	18.1	-43.0	Clear	No Odor
12:27	5	200	6.36	1.56	6.98	2.04	3.98	1.12	18.1	-44.8	Clear	No Odor
12:32	5	200	6.36	1.82	6.98	2.03	3.55	0.88	18.2	-45.8	Clear	No Odor
12:37	5	200	6.36	2.08	6.97	2.03	3.41	0.90	18.2	-46.7	Clear	No Odor
12:42	5	200	6.36	2.34	6.97	2.03	2.62	0.86	18.2	-47.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-82D			Date	11-10-21
Project Name/Location		Ford LTP		Weather	45.0 degrees F and Partly Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	18-23	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.10	Total Depth (ft-bmp)	22.75	Water Column (ft.)	15.65	Gallons in Well	2.54
		Pump Intake (ft-bmp)	19.35	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.23				
Sample Time: Label	11:25	Volume Purged	3.12 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	10:11						
Purge End	11:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:12	0	200	7.15	0.00	7.15	1.40	0.02	7.58	16.4	42.2	Clear, Small Black Particulates	No Odor
10:17	5	200	7.15	0.26	7.22	1.39	0.02	0.63	16.2	-21.0	Clear, Small White Particulates	No Odor
10:22	5	200	7.15	0.52	7.20	1.39	0.02	0.55	16.3	-32.9	Clear, Small Orange Particulates	No Odor
10:27	5	200	7.15	0.78	7.18	1.39	0.02	0.58	16.3	-53.5	Clear	No Odor
10:32	5	200	7.15	1.04	7.17	1.39	0.02	1.16	16.3	-68.5	Clear	No Odor
10:37	5	200	7.15	1.30	7.18	1.40	0.02	1.13	16.4	-82.1	Clear	No Odor
10:42	5	200	7.15	1.56	7.18	1.40	0.02	1.06	16.4	-86.6	Clear	No Odor
10:47	5	200	7.15	1.82	7.17	1.41	0.02	1.04	16.4	-93.4	Clear	No Odor
10:52	5	200	7.15	2.08	7.17	1.42	0.02	0.96	16.3	-98.1	Clear	No Odor
10:57	5	200	7.15	2.34	7.18	1.43	0.02	0.98	16.4	-104.8	Clear	No Odor
11:02	5	200	7.15	2.60	7.18	1.43	0.02	0.40	16.4	-107.3	Clear	No Odor
11:07	5	200	7.15	2.86	7.09	1.41	0.02	1.30	16.4	-110.8	Clear	No Odor
11:12	5	200	7.15	3.12	7.17	1.44	0.02	0.70	16.4	-111.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-82SR			Date	11-10-21
Project Name/Location		Ford LTP		Weather	49.0 degrees F and Partly Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.90	Total Depth (ft-bmp)	16.10	Water Column (ft.)	9.20	Gallons in Well	1.49
		Pump Intake (ft-bmp)	8.40	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.97				
Sample Time: Label	12:50	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	12:05						
Purge End	12:54						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:06	0	180	6.95	0.00	6.95	1.40	2.73	2.93	15.5	-37.7	Clear	No Odor
12:11	5	180	6.95	0.24	6.96	1.39	0.02	0.67	16.8	-45.3	Clear	No Odor
12:16	5	180	6.95	0.48	6.94	1.44	0.02	0.42	17.0	-44.9	Clear	No Odor
12:21	5	180	6.95	0.72	6.93	1.45	0.02	0.39	16.9	-44.4	Clear	No Odor
12:26	5	180	6.95	0.96	6.90	1.48	0.02	0.40	17.0	-43.6	Clear	No Odor
12:31	5	180	6.95	1.20	6.90	1.48	0.02	0.42	16.9	-44.0	Clear	No Odor
12:36	5	180	6.95	1.44	6.91	1.50	0.02	0.40	17.1	-45.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-83			Date	11-11-21
Project Name/Location		Ford LTP		Weather	55.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.35	Total Depth (ft-bmp)	12.42	Water Column (ft.)	6.07	Gallons in Well	0.99
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.52				
Sample Time: Label	11:10	Volume Purged	1.5 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	10:22						
Purge End	11:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:25	0	190	6.38	0.00	7.09	1.43	0.02	0.51	16.2	-18.3	Clear	No Odor
10:30	5	190	6.38	0.25	7.05	1.45	0.02	0.33	16.2	-22.5	Clear	No Odor
10:35	5	190	6.38	0.50	7.06	1.46	0.02	0.30	16.3	-25.7	Clear	No Odor
10:40	5	190	6.38	0.75	7.09	1.45	0.02	0.34	16.3	-31.9	Clear	No Odor
10:45	5	190	6.38	1.00	7.11	1.45	0.02	0.26	16.4	-36.3	Clear	No Odor
10:50	5	190	6.38	1.25	7.13	1.46	0.02	0.23	16.4	-40.8	Clear	No Odor
10:55	5	190	6.38	1.50	7.14	1.47	0.02	0.21	16.4	-43.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-83S			Date	11-11-21
Project Name/Location		Ford LTP		Weather	59.0 degrees F and Cloudy. The wind is blowing S/SE at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.50	Total Depth (ft-bmp)	12.80	Water Column (ft.)	6.30	Gallons in Well	1.02
		Pump Intake (ft-bmp)	8.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.23				
Sample Time: Label	12:40	Volume Purged	1.25 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	11:50						
Purge End	12:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:00	5	190	6.50	0.00	7.16	1.33	0.02	0.29	16.7	-40.0	Clear	No Odor
11:55	0	190	6.50	0.00	7.15	1.30	0.02	0.26	16.4	-38.9	Clear	No Odor
12:05	5	190	6.50	0.00	7.15	1.32	0.02	0.29	16.6	-42.4	Clear	No Odor
12:10	5	190	6.50	0.25	7.16	1.36	0.02	0.40	16.5	-47.4	Clear	No Odor
12:15	5	190	6.50	0.50	7.17	1.37	0.02	0.38	16.6	-49.4	Clear	No Odor
12:20	5	190	6.50	0.75	7.23	1.41	0.02	0.28	16.7	-54.8	Clear	No Odor
12:25	5	190	6.50	1.00	7.22	1.44	0.02	0.23	16.6	-55.7	Clear	No Odor
12:30	5	190	6.50	1.25	7.21	1.45	0.02	0.21	16.6	-56.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-84			Date	11-8-21
Project Name/Location		Ford LTP		Weather	50.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.05	Total Depth (ft-bmp)	12.55	Water Column (ft.)	9.50	Gallons in Well	1.54
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.04				
Sample Time: Label	16:10	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	15:13						
Purge End	16:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:14	0	120	3.05	0.00	7.44	2.11	6.61	2.64	16.5	-23.0	Clear	No Odor
15:19	5	120	3.05	0.16	7.29	2.49	4.36	2.32	16.4	-25.9	Clear	No Odor
15:24	5	120	3.05	0.32	7.29	3.05	2.16	1.69	16.5	-34.2	Clear	No Odor
15:29	5	120	3.05	0.48	7.30	3.33	3.66	1.20	16.4	-39.4	Clear	No Odor
15:34	5	120	3.05	0.64	7.32	3.40	4.21	1.00	16.5	-42.6	Clear	No Odor
15:39	5	120	3.05	0.80	7.33	3.48	3.36	0.62	16.5	-46.0	Clear	No Odor
15:44	5	120	3.05	0.96	7.35	3.53	1.25	0.50	16.5	-50.7	Clear	No Odor
15:49	5	120	3.05	1.12	7.35	3.54	5.01	0.44	16.6	-53.8	Clear	No Odor
15:54	5	120	3.05	1.28	7.36	3.56	4.89	0.31	16.5	-62.6	Clear	No Odor
15:59	5	120	3.05	1.44	7.35	3.57	3.57	0.30	16.5	-66.0	Clear	No Odor
16:04	5	120	3.05	1.60	7.36	3.57	0.71	0.46	16.4	-71.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-84S			Date	11-9-21
Project Name/Location		Ford LTP		Weather	50.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.25	Total Depth (ft-bmp)	12.70	Water Column (ft.)	9.45	Gallons in Well	1.54
		Pump Intake (ft-bmp)	4.75	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.45				
Sample Time: Label	11:25	Volume Purged	2.24 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	10:11						
Purge End	11:27						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:12	0	200	3.25	0.00	7.51	0.44	0.02	4.45	14.6	190.9	Clear	No Odor
10:17	5	140	3.30	0.26	7.71	0.43	0.02	3.45	14.7	175.0	Clear	No Odor
10:22	5	140	3.30	0.44	7.75	0.43	0.02	3.37	14.7	168.5	Clear	No Odor
10:27	5	140	3.30	0.62	7.76	0.43	0.02	3.13	14.8	158.2	Clear	No Odor
10:32	5	140	3.30	0.80	7.81	0.45	0.02	2.85	14.9	149.0	Clear	No Odor
10:37	5	140	3.30	0.98	7.58	0.64	0.02	2.64	15.1	140.1	Clear	No Odor
10:42	5	140	3.30	1.16	7.29	0.97	0.02	1.25	15.2	131.4	Clear	No Odor
10:47	5	140	3.30	1.34	7.48	1.14	0.02	1.08	15.2	128.3	Clear	No Odor
10:52	5	140	3.30	1.52	7.48	1.25	0.02	0.96	15.2	123.2	Clear	No Odor
10:57	5	140	3.30	1.70	7.49	1.35	0.02	0.97	15.3	116.7	Clear	No Odor
11:02	5	140	3.30	1.88	7.47	1.50	0.02	0.90	15.3	109.2	Clear	No Odor
11:07	5	140	3.30	2.06	7.48	1.56	0.02	0.98	15.3	105.3	Clear	No Odor
11:12	5	140	3.30	2.24	7.48	1.61	0.02	0.95	15.3	100.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-85			Date	11-1-21
Project Name/Location		Ford LTP		Weather	46.0 degrees F and Cloudy. The wind is blowing W at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.92	Total Depth (ft-bmp)	12.68	Water Column (ft.)	7.76	Gallons in Well	1.26
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.62				
Sample Time: Label	14:40	Volume Purged	3.3 gallons	Replicate/Code No.	DUP-06	Sampled by	Christina Weaver
Purge Start	13:38						
Purge End	14:43						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:39	0	250	4.97	0.00	7.95	3.66	4.17	1.36	15.7	-188.3	Clear	No Odor
13:44	5	250	4.97	0.33	7.20	3.74	5.36	0.28	16.0	-127.4	Clear	No Odor
13:49	5	250	4.98	0.66	7.18	3.70	4.98	0.14	16.0	-119.1	Clear	No Odor
13:54	5	250	4.98	0.99	7.18	3.49	6.69	0.09	16.1	-115.6	Clear	No Odor
13:59	5	250	4.98	1.32	7.18	3.03	3.41	0.08	16.0	-110.4	Clear	No Odor
14:04	5	250	4.98	1.65	7.17	3.13	2.73	0.06	16.1	-107.7	Clear	No Odor
14:09	5	250	4.98	1.98	7.17	3.15	3.78	0.06	16.1	-109.0	Clear	No Odor
14:14	5	250	5.00	2.31	7.18	3.00	3.68	0.04	15.9	-106.7	Clear	No Odor
14:19	5	250	5.00	2.64	7.17	3.10	2.58	0.04	15.9	-104.4	Clear	No Odor
14:24	5	250	5.00	2.97	7.17	3.10	2.21	0.05	16.0	-104.8	Clear	No Odor
14:29	5	250	5.00	3.30	7.18	3.08	3.45	0.03	15.9	-104.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-85SR			Date	11-1-21
Project Name/Location		Ford LTP		Weather	45.0 degrees F and Cloudy. The wind is blowing W at 16.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.97	Total Depth (ft-bmp)	8.45	Water Column (ft.)	3.48	Gallons in Well	0.57
		Pump Intake (ft-bmp)	6.47	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.51				
Sample Time: Label	13:20	Volume Purged	2.57 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	12:34						
Purge End	13:24						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:36	0	200	5.00	0.00	7.39	2.17	21.80	0.78	14.9	-121.3	Clear	No Odor
12:41	5	250	5.00	0.26	7.14	2.17	7.36	0.25	15.2	-69.6	Clear	No Odor
12:46	5	250	5.00	0.59	7.40	2.80	5.75	0.13	15.4	-94.7	Clear	No Odor
12:51	5	250	5.00	0.92	7.16	2.18	2.58	0.13	14.8	-89.6	Clear	No Odor
12:56	5	250	5.00	1.25	7.16	2.20	3.41	0.11	15.4	-89.3	Clear	No Odor
13:01	5	250	5.02	1.58	7.17	2.20	2.96	0.14	14.8	-83.6	Clear	No Odor
13:06	5	250	5.02	1.91	7.16	2.18	2.16	0.16	15.3	-79.9	Clear	No Odor
13:11	5	250	5.02	2.24	7.16	2.17	4.12	0.30	15.4	-76.0	Clear	No Odor
13:16	5	250	5.02	2.57	7.16	2.17	4.62	0.22	15.4	-71.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-86			Date	11-9-21
Project Name/Location		Ford LTP		Weather	57.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.00	Total Depth (ft-bmp)	16.65	Water Column (ft.)	10.65	Gallons in Well	1.73
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.25				
Sample Time: Label	15:05	Volume Purged	2.16 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	13:55						
Purge End	15:08						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:58	0	140	6.00	0.00	7.49	0.49	0.94	3.25	15.5	47.0	Clear	No Odor
14:03	5	140	6.00	0.18	7.39	0.50	1.77	1.41	15.6	43.5	Clear	No Odor
14:08	5	140	6.00	0.36	7.42	0.51	1.18	0.69	15.5	37.5	Clear	No Odor
14:13	5	140	6.00	0.54	7.47	0.54	0.02	0.45	15.5	29.1	Clear	No Odor
14:18	5	140	6.00	0.72	7.45	0.55	0.02	0.67	15.5	28.2	Clear	No Odor
14:23	5	140	6.00	0.90	7.47	0.58	0.02	0.68	15.5	22.4	Clear	No Odor
14:28	5	140	6.00	1.08	7.45	0.62	0.02	0.72	15.6	16.7	Clear	No Odor
14:33	5	140	6.00	1.26	7.45	0.64	0.02	0.75	15.5	14.9	Clear	No Odor
14:38	5	140	6.00	1.44	7.46	0.67	0.02	0.75	15.5	9.1	Clear	No Odor
14:43	5	140	6.00	1.62	7.45	0.71	0.02	0.69	15.4	4.6	Clear	No Odor
14:48	5	140	6.00	1.80	7.45	0.72	0.02	0.67	15.4	-2.7	Clear	No Odor
14:53	5	140	6.00	1.98	7.42	0.74	0.02	0.68	15.3	-5.6	Clear	No Odor
14:58	5	140	6.00	2.16	7.43	0.75	0.02	1.06	15.4	-8.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Wadsworth ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-86S			Date	11-9-21
Project Name/Location		Ford LTP		Weather	57.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.20	Total Depth (ft-bmp)	12.35	Water Column (ft.)	6.15	Gallons in Well	1.00
		Pump Intake (ft-bmp)	7.70	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.08				
Sample Time: Label	16:10	Volume Purged	1.08 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	15:27						
Purge End	16:13						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:31	0	140	6.20	0.00	7.64	0.41	0.02	3.21	15.6	0.0	Clear	No Odor
15:36	5	140	6.20	0.18	7.64	0.41	0.02	2.61	15.7	-1.3	Clear	No Odor
15:41	5	140	6.20	0.36	7.61	0.41	0.02	2.29	15.7	-0.6	Clear	No Odor
15:46	5	140	6.20	0.54	7.57	0.41	0.02	2.38	15.7	0.4	Clear	No Odor
15:51	5	140	6.20	0.72	7.58	0.41	0.02	2.30	15.8	-0.5	Clear	No Odor
15:56	5	140	6.20	0.90	7.57	0.41	0.02	2.24	15.8	-0.4	Clear	No Odor
16:01	5	140	6.20	1.08	7.55	0.41	0.02	2.29	15.8	0.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Wadsworth ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-87			Date	11-1-21
Project Name/Location		Ford LTP		Weather	45.0 degrees F and Partly Cloudy. The wind is blowing at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.43	Total Depth (ft-bmp)	18.85	Water Column (ft.)	9.42	Gallons in Well	1.53
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.92				
Sample Time: Label	11:46	Volume Purged	1.4 gallons	Replicate/Code No.	MW-87-MS_110121, MW-87-MSD_110121	Sampled by	Allyson Hartz
Purge Start	11:09						
Purge End	12:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	150	9.43	0.00	7.55	0.29	3.42	1.38	17.1	149.8	Clear	No Odor
11:15	5	150	9.43	0.20	7.81	0.29	2.57	0.86	17.0	126.6	Clear	No Odor
11:20	5	150	9.43	0.40	7.77	0.29	2.59	1.32	17.2	123.9	Clear	No Odor
11:25	5	150	9.43	0.60	7.77	0.29	2.17	1.33	17.4	122.0	Clear	No Odor
11:30	5	150	9.43	0.80	7.77	0.29	1.73	1.46	17.2	120.2	Clear	No Odor
11:35	5	150	9.43	1.00	7.72	0.29	1.08	1.71	17.4	121.6	Clear	No Odor
11:40	5	150	9.43	1.20	7.74	0.29	0.27	1.71	17.4	120.2	Clear	No Odor
11:45	5	150	9.43	1.40	7.74	0.29	0.34	1.81	17.5	119.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Standish ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-87S			Date	111-21
Project Name/Location		Ford LTP		Weather	41.0 degrees F and Partly Cloudy. The wind is blowing at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.27	Total Depth (ft-bmp)	14.15	Water Column (ft.)	4.88	Gallons in Well	0.79
		Pump Intake (ft-bmp)	10.77	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.52				
Sample Time: Label	10:46	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	10:14						
Purge End	10:51						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	150	9.29	0.00	7.67	0.31	6.06	8.70	17.3	129.4	Clear	No Odor
10:20	5	150	9.29	0.20	7.69	0.29	1.44	3.81	17.6	123.2	Clear	No Odor
10:25	5	150	9.29	0.40	7.69	0.28	1.48	3.93	17.6	119.4	Clear	No Odor
10:30	5	150	9.29	0.60	7.63	0.27	0.76	5.80	17.7	120.3	Clear	No Odor
10:35	5	150	9.29	0.80	7.60	0.27	0.83	5.65	17.5	126.6	Clear	No Odor
10:40	5	150	9.29	1.00	7.58	0.27	0.55	5.55	17.5	128.0	Clear	No Odor
10:45	5	150	9.29	1.20	7.63	0.27	0.33	5.13	17.3	127.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Standish ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-96S			Date	11-1-21
Project Name/Location		Ford LTP		Weather	45.0 degrees F and Mostly Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.19	Total Depth (ft-bmp)	12.09	Water Column (ft.)	7.90	Gallons in Well	1.28
		Pump Intake (ft-bmp)	5.69	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.56				
Sample Time: Label	15:32	Volume Purged	2 gallons	Replicate/Code No.	MW-96S-MS_110121, MW-96S-MSD_110121	Sampled by	Andrew Banitt
Purge Start	14:41						
Purge End	15:48						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:42	0	150	4.20	0.00	6.42	0.51	0.02	1.65	15.1	108.4	Clear	No Odor
14:47	5	150	4.20	0.20	7.16	0.48	0.02	0.71	15.6	70.0	Clear	No Odor
14:52	5	150	4.20	0.40	7.24	0.48	0.02	0.53	15.7	61.1	Clear	No Odor
14:57	5	150	4.20	0.60	7.26	0.48	0.02	0.44	15.6	54.2	Clear	No Odor
15:02	5	150	4.20	0.80	7.25	0.48	0.02	0.34	15.7	48.6	Clear	No Odor
15:07	5	150	4.20	1.00	7.24	0.48	0.02	0.35	15.6	43.8	Clear	No Odor
15:12	5	150	4.20	1.20	7.26	0.48	0.02	0.30	15.7	38.0	Clear	No Odor
15:17	5	150	4.20	1.40	7.25	0.48	0.02	0.28	15.7	33.6	Clear	No Odor
15:22	5	150	4.20	1.60	7.26	0.48	0.02	0.29	15.7	27.7	Clear	No Odor
15:27	5	150	4.20	1.80	7.25	0.48	0.02	0.29	15.7	22.9	Clear	No Odor
15:32	5	150	4.20	2.00	7.23	0.47	0.02	0.27	15.5	21.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-97S			Date	11-9-21
Project Name/Location		Ford LTP		Weather	45.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.11	Total Depth (ft-bmp)	12.01	Water Column (ft.)	7.90	Gallons in Well	1.28
		Pump Intake (ft-bmp)	5.61	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.13				
Sample Time: Label	9:05	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	8:00						
Purge End	9:10						

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Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:05	0	100	4.12	0.00	7.45	0.58	31.50	1.75	15.6	193.4	Clear	No Odor
8:10	5	100	4.13	0.13	7.52	0.59	13.00	0.77	15.9	159.0	Clear	No Odor
8:15	5	100	4.13	0.26	7.53	0.59	3.20	0.63	16.1	124.2	Clear	No Odor
8:20	5	100	4.13	0.39	7.52	0.59	1.24	0.50	16.2	99.6	Clear	No Odor
8:25	5	100	4.13	0.52	7.52	0.59	0.02	0.50	16.2	99.6	Clear	No Odor
8:30	5	100	4.13	0.65	7.51	0.60	0.02	0.36	16.4	49.3	Clear	No Odor
8:35	5	100	4.13	0.79	7.51	0.64	0.02	0.25	16.4	19.8	Clear	No Odor
8:40	5	100	4.13	0.92	7.51	0.65	0.02	0.27	16.4	16.9	Clear	No Odor
8:45	5	100	4.13	1.05	7.50	0.68	0.02	0.21	16.5	6.4	Clear	No Odor
8:50	5	100	4.13	1.18	7.50	0.71	0.02	0.19	16.6	-0.5	Clear	No Odor
8:55	5	100	4.13	1.31	7.50	0.71	0.02	0.19	16.6	-1.6	Clear	No Odor
9:00	5	100	4.13	1.44	7.50	0.71	0.02	0.19	16.6	-1.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-98S			Date	11-4-21
Project Name/Location		Ford LTP		Weather	45.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	0.95	Total Depth (ft-bmp)	12.13	Water Column (ft.)	11.18	Gallons in Well	1.82
		Pump Intake (ft-bmp)	2.45	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.73				
Sample Time: Label	10:45	Volume Purged	1.32 gallons	Replicate/Code No.	MW-98S-MS_110421, MW-98S-MSD_110421	Sampled by	Christina Weaver
Purge Start	10:03						
Purge End	10:57						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:04	0	165	0.95	0.00	6.78	0.81	5.13	0.57	13.3	-2.5	Clear, Small White Particulates	No Odor
10:09	5	165	0.95	0.22	6.88	0.81	2.38	0.45	13.2	-16.6	Clear, Small Black Particulates,	No Odor
10:14	5	165	0.95	0.44	6.91	0.81	0.66	0.28	13.5	-26.6	Clear, Small White Particulates	No Odor
10:19	5	165	0.96	0.66	6.91	0.80	0.02	1.20	13.6	-30.8	Clear	No Odor
10:24	5	165	0.96	0.88	6.91	0.80	1.09	0.40	13.7	-31.8	Clear	No Odor
10:29	5	165	0.96	1.10	6.92	0.80	1.37	0.28	13.6	-32.3	Clear	No Odor
10:34	5	165	0.96	1.32	6.91	0.79	0.05	0.25	13.8	-32.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-99S			Date	11-18-21
Project Name/Location		Ford LTP		Weather	39.9 degrees F and Mostly Cloudy. The wind is blowing W/SW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.72	Total Depth (ft-bmp)	12.90	Water Column (ft.)	7.18	Gallons in Well	1.17
		Pump Intake (ft-bmp)	7.22	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.85				
Sample Time: Label	11:15	Volume Purged	2.16 gallons	Replicate/Code No.	MW-99S-MS_111821, MW-99S-MSD_111821	Sampled by	Samantha Hindle
Purge Start	10:10						
Purge End	11:28						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:13	0	140	5.75	0.00	7.26	1.97	0.02	1.83	14.4	124.9	Clear, Small Orange Particulates	No Odor
10:18	5	140	5.75	0.18	7.27	1.97	0.02	1.34	14.6	121.8	Clear, Small Orange Particulates	No Odor
10:23	5	140	5.75	0.36	7.27	1.96	0.02	1.08	14.7	117.1	Clear, Small Orange Particulates	No Odor
10:28	5	140	5.75	0.54	7.26	1.95	0.02	0.77	15.0	112.6	Clear	No Odor
10:33	5	140	5.75	0.72	7.25	1.94	0.02	0.61	15.2	108.5	Clear	No Odor
10:38	5	140	5.75	0.90	7.25	1.92	0.02	0.55	14.9	105.0	Clear	No Odor
10:43	5	140	5.75	1.08	7.22	1.93	0.02	0.53	14.6	103.7	Clear	No Odor
10:48	5	140	5.75	1.26	7.23	2.04	0.02	0.44	14.8	101.7	Clear	No Odor
10:53	5	140	5.75	1.44	7.26	2.17	0.02	0.46	15.0	98.3	Clear	No Odor
10:58	5	140	5.75	1.62	7.26	2.27	0.02	0.39	15.1	95.4	Clear	No Odor
11:03	5	140	5.75	1.80	7.26	2.31	0.02	0.35	15.1	92.7	Clear	No Odor
11:08	5	140	5.75	1.98	7.25	2.37	0.02	0.34	14.7	91.9	Clear	No Odor
11:13	5	140	5.75	2.16	7.24	2.46	0.02	0.34	14.7	88.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-100S			Date	11-18-21
Project Name/Location		Ford LTP		Weather	42.1 degrees F and Mostly Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.24	Total Depth (ft-bmp)	12.90	Water Column (ft.)	6.66	Gallons in Well	1.08
		Pump Intake (ft-bmp)	7.74	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.50				
Sample Time: Label	15:25	Volume Purged	1.62 gallons	Replicate/Code No.	MW-100S-MS_111821, MW-100S-MSD_111821	Sampled by	Samantha Hindle
Purge Start	14:30						
Purge End	15:44						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:32	0	140	6.24	0.00	7.91	4.55	0.02	3.11	13.6	37.5	Clear	No Odor
14:37	5	140	6.24	0.18	7.66	5.25	0.02	2.15	14.7	35.9	Clear	No Odor
14:42	5	140	6.24	0.36	7.50	6.27	0.02	2.62	14.5	35.7	Clear	No Odor
14:47	5	140	6.24	0.54	7.43	6.62	0.02	1.75	14.2	35.9	Clear	No Odor
14:52	5	140	6.24	0.72	7.38	6.87	0.02	1.35	14.5	35.3	Clear	No Odor
14:57	5	140	6.24	0.90	7.34	7.00	0.02	1.41	14.5	35.2	Clear	No Odor
15:02	5	140	6.24	1.08	7.28	7.16	0.02	1.26	14.5	34.5	Clear	No Odor
15:07	5	140	6.24	1.26	7.27	7.22	0.02	1.17	14.5	33.4	Clear	No Odor
15:12	5	140	6.24	1.44	7.26	7.28	0.02	1.11	14.4	31.8	Clear	No Odor
15:17	5	140	6.24	1.62	7.25	7.31	0.02	1.17	14.4	30.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-101S			Date	11-19-21
Project Name/Location		Ford LTP		Weather	39.9 degrees F and Mostly Clear. The wind is blowing W/NW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.90	Total Depth (ft-bmp)	14.10	Water Column (ft.)	6.20	Gallons in Well	1.01
		Pump Intake (ft-bmp)	9.40	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.39				
Sample Time: Label	13:15	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	12:34						
Purge End	13:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:36	0	150	7.92	0.00	7.57	1.08	0.02	4.27	15.8	125.1	Clear, Small Black Particulates	No Odor
12:41	5	150	7.92	0.20	7.51	1.10	0.02	2.48	15.9	123.6	Clear, Small Black Particulates	No Odor
12:46	5	150	7.92	0.40	7.64	1.15	0.02	0.92	15.4	110.7	Clear, Small Black Particulates	No Odor
12:51	5	150	7.92	0.60	7.58	1.14	0.02	0.72	16.1	111.8	Clear	No Odor
12:56	5	150	7.92	0.80	7.65	1.14	0.02	0.64	16.2	106.7	Clear	No Odor
13:01	5	150	7.92	1.00	7.65	1.13	0.02	0.57	16.3	104.1	Clear	No Odor
13:06	5	150	7.92	1.20	7.66	1.13	0.02	0.52	16.4	100.6	Clear	No Odor
13:11	5	150	7.92	1.40	7.65	1.11	0.02	0.52	16.5	99.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden Court ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-102			Date	11-3-21
Project Name/Location		Ford LTP		Weather	45.0 degrees F and Partly Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	0.82	Total Depth (ft-bmp)	14.80	Water Column (ft.)	13.98	Gallons in Well	2.27
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.80				
Sample Time: Label	16:45	Volume Purged	1.82 gallons	Replicate/Code No.	DUP-14	Sampled by	Christina Weaver
Purge Start	16:02						
Purge End	16:52						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:03	0	200	0.82	0.00	7.26	8.65	4.40	1.60	15.8	18.8	Clear, Small Black Particulates	Faint Odor
16:08	5	200	0.82	0.26	7.27	8.72	1.63	0.29	16.1	-7.9	Clear, Small Black Particulates	Faint Odor
16:13	5	200	0.85	0.52	7.26	8.64	3.43	0.25	16.1	-28.0	Clear, Small Black Particulates	No Odor
16:18	5	200	0.86	0.78	7.25	8.57	0.02	0.23	16.0	-39.0	Clear, Small Black Particulates	No Odor
16:23	5	200	0.86	1.04	7.24	8.53	0.02	0.14	16.3	-50.7	Clear, Small Black Particulates	Faint Odor
16:28	5	200	0.85	1.30	7.22	8.45	0.02	0.12	16.3	-57.4	Clear, Small Black Particulates	Faint Odor
16:33	5	200	0.85	1.56	7.22	8.43	0.73	0.11	16.3	-61.2	Clear, Small Black Particulates	No Odor
16:38	5	200	0.85	1.82	7.21	8.42	0.02	0.12	16.1	-64.3	Clear, Small Black Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

Bailed water in outer casing prior to removing J-plug. J-plug was sealed tight. Removed excess bentonite from around top of PVC riser.

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-102S			Date	11-3-21
Project Name/Location		Ford LTP		Weather	45.0 degrees F and Partly Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.00	Total Depth (ft-bmp)	12.36	Water Column (ft.)	11.36	Gallons in Well	1.85
		Pump Intake (ft-bmp)	2.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.77				
Sample Time: Label	14:55	Volume Purged	3.28 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	13:50						
Purge End	15:03						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:52	0	260	1.00	0.00	7.54	1.52	0.57	3.88	14.5	31.1	Clear	No Odor
13:57	5	260	1.00	0.34	7.56	1.52	2.04	3.93	14.7	29.9	Clear	No Odor
14:02	5	260	1.00	0.68	7.59	2.12	1.15	4.00	15.1	37.8	Clear	No Odor
14:07	5	260	1.00	1.02	7.53	2.73	0.05	3.88	15.4	39.9	Clear	No Odor
14:12	5	260	1.00	1.36	7.44	3.10	0.02	3.58	15.4	42.3	Clear	No Odor
14:17	5	260	1.00	1.70	7.37	3.37	0.32	3.10	15.6	43.4	Clear	No Odor
14:22	5	260	1.00	2.04	7.35	3.46	0.42	2.65	15.7	41.7	Clear	No Odor
14:27	5	140	1.00	2.38	7.34	3.48	0.23	2.72	15.3	38.9	Clear	No Odor
14:32	5	140	1.00	2.56	7.33	3.44	0.02	2.40	15.3	37.0	Clear	No Odor
14:37	5	140	1.00	2.74	7.33	3.38	0.21	1.86	15.3	33.8	Clear	No Odor
14:42	5	140	1.00	2.92	7.32	3.33	0.62	1.09	15.2	30.8	Clear	No Odor
14:47	5	140	1.00	3.10	7.32	3.34	1.17	1.06	15.1	28.1	Clear	No Odor
14:52	5	140	1.00	3.28	7.32	3.34	0.65	1.02	14.9	24.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Shallow static depth to water. Bailed water in outer casing prior to removing J-plug. J-plug was sealed tight.

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-105S			Date	11-3-21
Project Name/Location		Ford LTP		Weather	45.0 degrees F and Partly Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.40	Total Depth (ft-bmp)	11.78	Water Column (ft.)	9.38	Gallons in Well	1.52
		Pump Intake (ft-bmp)	3.90	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.45				
Sample Time: Label	12:10	Volume Purged	2.2 gallons	Replicate/Code No.	MW-105S-MS_110321, MW-105S-MSD_110321	Sampled by	Christina Weaver
Purge Start	10:53						
Purge End	12:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:56	0	140	2.40	0.00	6.81	1.92	35.60	3.88	14.3	122.0	Small Orange Particulates, Yellow	No Odor
11:01	5	140	2.40	0.18	6.71	1.88	23.50	2.16	14.3	119.6	Small Orange Particulates, Yellow	No Odor
11:06	5	140	2.41	0.40	6.70	1.88	16.70	1.50	14.5	114.2	Small Orange Particulates, Yellow	No Odor
11:11	5	140	2.41	0.58	6.72	1.90	18.50	2.05	14.4	109.4	Clear, Small Orange Particulates	No Odor
11:16	5	140	2.41	0.76	6.72	1.91	10.90	1.52	14.4	104.2	Clear	No Odor
11:21	5	140	2.41	0.94	6.73	2.11	3.60	1.58	14.4	99.2	Clear	No Odor
11:26	5	140	2.41	1.12	6.90	2.97	2.94	1.82	14.7	90.9	Clear	No Odor
11:31	5	140	2.41	1.30	6.98	3.17	2.40	2.22	15.0	71.3	Clear	No Odor
11:36	5	140	2.41	1.48	6.98	3.21	1.62	1.10	14.8	56.4	Clear	No Odor
11:41	5	140	2.42	1.66	7.00	3.26	2.45	1.20	15.0	44.6	Clear	No Odor
11:46	5	140	2.42	1.84	7.00	3.28	1.43	1.46	14.8	33.1	Clear	No Odor
11:51	5	140	2.42	2.02	7.02	3.33	1.15	1.40	14.9	19.4	Clear	No Odor
11:56	5	140	2.42	2.20	7.02	3.34	1.67	1.23	15.0	15.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

Bailed water in outer casing prior to removing J-plug. J-plug was sealed tight.

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	no
Condition of Well:	Fair,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-106S			Date	-3-21
Project Name/Location		Ford LTP		Weather	44.1 degrees F and Mostly Cloudy. The wind is blowing at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.39	Total Depth (ft-bmp)	11.64	Water Column (ft.)	9.25	Gallons in Well	1.50
		Pump Intake (ft-bmp)	3.89	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.80				
Sample Time: Label	15:16	Volume Purged	1.2 gallons	Replicate/Code No.	MW-106S-MS_110321, MW-106S-MSD_110321	Sampled by	Allyson Hartz
Purge Start	14:44						
Purge End	15:29						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:45	0	150	2.45	0.00	8.02	0.36	4.72	3.80	15.0	-18.7	Clear	No Odor
14:50	5	150	2.45	0.20	7.64	0.31	3.37	3.34	14.6	-8.7	Clear	No Odor
14:55	5	150	2.45	0.40	7.61	0.31	3.51	3.36	14.5	-6.5	Clear	No Odor
15:00	5	150	2.45	0.60	7.75	0.31	2.43	3.18	14.8	-8.8	Clear	No Odor
15:05	5	150	2.45	0.80	7.65	0.31	1.68	3.16	14.6	1.7	Clear	No Odor
15:10	5	150	2.45	1.00	7.56	0.31	1.12	3.33	14.6	6.9	Clear	No Odor
15:15	5	150	2.45	1.20	7.56	0.32	2.35	3.28	14.7	10.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-107S			Date	11-10-21
Project Name/Location		Ford LTP		Weather	57.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.15	Total Depth (ft-bmp)	12.20	Water Column (ft.)	7.05	Gallons in Well	1.15
		Pump Intake (ft-bmp)	6.65	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.64				
Sample Time: Label	15:20	Volume Purged	1.89 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	14:28						
Purge End	15:26						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:30	0	190	5.60	0.00	7.10	0.75	0.02	1.14	15.4	-65.6	Clear	Faint Odor
14:35	5	190	5.60	0.25	7.13	0.75	0.02	0.88	15.5	-83.9	Clear	Faint Odor
14:40	5	190	5.60	0.50	7.13	0.75	0.02	0.81	15.6	-124.4	Clear	Faint Odor
14:45	5	190	5.60	0.75	7.14	0.75	0.02	0.86	15.7	-144.0	Clear	No Odor
14:50	5	190	5.60	1.00	7.13	0.75	0.02	0.98	15.8	-158.0	Clear	No Odor
14:55	5	109	5.60	1.25	7.14	0.75	0.02	0.59	15.9	-162.1	Clear	Faint Odor
15:00	5	190	5.60	1.39	7.15	0.75	0.02	0.54	15.8	-163.1	Clear	Faint Odor
15:05	5	190	5.60	1.64	7.14	0.75	0.02	0.50	15.9	-161.4	Clear	Faint Odor
15:10	5	190	5.60	1.89	7.16	0.75	0.02	0.50	15.9	-161.9	Clear	Faint Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Capitol ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-108S			Date	11-1-21
Project Name/Location		Ford LTP		Weather	43.0 degrees F and Cloudy. The wind is blowing W at 12.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.64	Total Depth (ft-bmp)	12.20	Water Column (ft.)	9.56	Gallons in Well	1.55
		Pump Intake (ft-bmp)	4.14	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.01				
Sample Time: Label	11:15	Volume Purged	3.12 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	10:07						
Purge End	11:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:09	0	200	2.75	0.00	7.09	1.30	26.60	2.97	14.9	171.2	Clear	No Odor
10:14	5	200	2.79	0.26	7.07	1.29	22.40	2.25	15.4	118.9	Clear	No Odor
10:19	5	200	2.80	0.52	7.04	1.29	10.50	1.74	15.7	90.4	Small White Particulates	No Odor
10:24	5	200	2.82	0.78	7.01	1.29	8.91	1.07	15.7	62.2	Clear	No Odor
10:29	5	200	2.81	1.04	6.99	1.29	4.90	1.13	15.8	52.5	Clear	No Odor
10:34	5	200	2.82	1.30	6.97	1.28	2.98	0.80	15.9	38.5	Clear	No Odor
10:39	5	200	2.84	1.56	6.96	1.27	3.71	0.65	15.8	27.6	Clear	No Odor
10:44	5	200	2.82	1.82	6.95	1.27	2.49	0.49	15.5	16.5	Clear	No Odor
10:49	5	200	2.84	2.08	6.94	1.27	2.17	0.40	15.8	9.3	Clear	No Odor
10:54	5	200	2.82	2.34	6.93	1.26	1.66	0.44	16.0	5.6	Clear	No Odor
10:59	5	200	2.80	2.60	6.93	1.26	2.92	0.38	16.2	-1.3	Clear	No Odor
11:04	5	200	2.82	2.86	6.92	1.26	1.82	0.40	15.9	-4.8	Clear	No Odor
11:09	5	200	2.81	3.12	6.92	1.26	2.96	0.41	15.9	-8.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosti ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-131S			Date	11-2-21
Project Name/Location		Ford LTP		Weather	45.0 degrees F and Cloudy. The wind is blowing W at 14.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.65	Total Depth (ft-bmp)	12.68	Water Column (ft.)	9.03	Gallons in Well	1.47
		Pump Intake (ft-bmp)	5.15	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.47				
Sample Time: Label	15:40	Volume Purged	2.16 gallons	Replicate/Code No.	DUP-12	Sampled by	Christina Weaver
Purge Start	14:29						
Purge End	15:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:31	0	140	3.70	0.00	7.02	0.78	10.10	9.94	15.4	16.5	Clear	No Odor
14:36	5	140	3.70	0.18	7.05	0.79	11.70	9.53	15.6	12.4	Clear	No Odor
14:41	5	140	3.70	0.36	6.98	0.85	7.06	0.52	15.6	12.6	Clear	No Odor
14:46	5	140	3.70	0.54	6.95	1.00	3.65	0.41	15.5	10.6	Clear	No Odor
14:51	5	140	3.70	0.72	6.88	1.20	0.99	0.42	15.5	10.2	Clear	No Odor
14:56	5	140	3.70	0.90	6.88	1.42	2.76	0.42	15.7	6.3	Clear	No Odor
15:01	5	140	3.70	1.08	6.88	1.69	1.06	0.36	15.6	3.5	Clear	No Odor
15:06	5	140	3.70	1.26	6.90	2.04	0.81	0.37	15.6	-1.1	Clear	No Odor
15:11	5	140	3.70	1.44	6.90	2.19	0.76	0.42	15.5	-2.8	Clear	No Odor
15:16	5	140	3.70	1.62	6.94	2.34	0.02	0.39	15.5	-7.3	Clear	No Odor
15:21	5	140	3.70	1.80	6.97	2.41	0.88	0.36	15.6	-10.9	Clear	No Odor
15:26	5	140	3.70	1.98	6.99	2.54	2.35	0.40	15.7	-14.4	Clear	No Odor
15:31	5	140	3.70	2.16	7.01	2.63	1.21	0.48	15.7	-17.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-132S			Date	11-2-21
Project Name/Location		Ford LTP		Weather	45.0 degrees F and Cloudy. The wind is blowing W at 13.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.00	Total Depth (ft-bmp)	12.37	Water Column (ft.)	7.37	Gallons in Well	1.20
		Pump Intake (ft-bmp)	6.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.20				
Sample Time: Label	14:00	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	13:18						
Purge End	14:04						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:19	0	240	5.02	0.00	8.25	1.59	47.70	6.73	16.1	45.9	Clear	No Odor
13:24	5	240	5.03	0.32	7.68	1.60	34.10	5.74	17.0	40.3	Clear	No Odor
13:29	5	120	5.02	0.64	7.57	1.57	11.50	4.58	17.2	39.7	Clear	No Odor
13:34	5	120	5.02	0.80	7.50	1.54	6.18	4.60	16.7	38.7	Clear	No Odor
13:39	5	120	5.02	0.96	7.45	1.54	7.52	4.18	17.3	35.8	Clear	No Odor
13:44	5	120	5.02	1.12	7.44	1.54	3.54	4.11	17.4	32.8	Clear	No Odor
13:49	5	120	5.02	1.28	7.41	1.54	0.60	4.05	17.2	27.9	Clear	No Odor
13:54	5	120	5.02	1.44	7.38	1.54	1.58	3.95	17.2	25.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-133S			Date	11-5-21
Project Name/Location		Ford LTP		Weather	43.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.25	Total Depth (ft-bmp)	8.50	Water Column (ft.)	3.25	Gallons in Well	0.53
		Pump Intake (ft-bmp)	6.75	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.89				
Sample Time: Label	13:40	Volume Purged	1.53 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	12:48						
Purge End	13:43						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:50	0	170	5.27	0.00	7.17	0.66	1.05	3.98	15.8	28.7	Clear	No Odor
12:55	5	170	5.28	0.22	7.14	0.64	2.55	1.80	16.3	22.2	Clear	No Odor
13:00	5	160	5.28	0.44	7.14	0.63	1.66	1.70	16.3	20.9	Clear	No Odor
13:05	5	170	5.28	0.65	7.12	0.63	1.33	1.53	16.2	18.7	Clear	No Odor
13:10	5	170	5.28	0.87	7.10	0.63	1.01	1.37	16.2	17.4	Clear	No Odor
13:15	5	170	5.28	1.09	7.00	0.63	1.51	1.21	16.4	15.1	Clear	No Odor
13:20	5	170	5.28	1.31	7.09	0.63	0.73	1.20	16.3	15.0	Clear	No Odor
13:25	5	170	5.28	1.53	7.08	0.63	0.22	1.12	16.4	14.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Bailed water in outer casing prior to removing J-plug. J-plug was sealed tight.

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-134S			Date	11-9-21
Project Name/Location		Ford LTP		Weather	57.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.35	Total Depth (ft-bmp)	9.45	Water Column (ft.)	3.10	Gallons in Well	0.50
		Pump Intake (ft-bmp)	7.85	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.12				
Sample Time: Label	12:35	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	11:56						
Purge End	12:39						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:57	0	200	6.35	0.00	7.24	0.41	0.02	2.81	16.0	75.9	Clear	No Odor
12:02	5	200	6.35	0.26	7.27	0.48	0.02	1.30	16.2	69.8	Clear	No Odor
12:07	5	200	6.35	0.52	7.28	0.52	0.02	1.18	16.2	67.0	Clear	No Odor
12:12	5	200	6.35	0.78	7.27	0.52	0.02	1.15	16.3	64.6	Clear	No Odor
12:17	5	200	6.35	1.04	7.23	0.52	0.02	1.10	16.2	61.4	Clear	No Odor
12:22	5	200	6.35	1.30	7.24	0.52	0.02	1.02	16.2	57.3	Clear	No Odor
12:27	5	200	6.35	1.56	7.23	0.53	0.02	1.00	16.3	53.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-135S			Date	11-5-21
Project Name/Location		Ford LTP		Weather	40.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.15	Total Depth (ft-bmp)	9.70	Water Column (ft.)	4.55	Gallons in Well	0.74
		Pump Intake (ft-bmp)	6.65	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.62				
Sample Time: Label	11:00	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Allyson Hartz
Purge Start	10:29						
Purge End	11:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	150	5.15	0.00	7.23	0.56	3.61	1.76	14.7	127.7	Clear	No Odor
10:35	5	150	5.15	0.20	7.26	0.57	0.02	1.16	14.6	121.0	Clear	No Odor
10:40	5	150	5.15	0.40	7.24	0.57	0.02	1.05	14.9	116.4	Clear	No Odor
10:45	5	150	5.15	0.60	7.24	0.57	0.02	1.06	14.9	114.9	Clear	No Odor
10:50	5	150	5.15	0.80	7.19	0.57	0.02	1.01	14.8	110.7	Clear	No Odor
10:55	5	150	5.15	1.00	7.18	0.57	0.02	0.97	14.7	110.1	Clear	No Odor
11:00	5	150	5.15	1.20	7.19	0.57	0.02	0.94	14.9	106.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-136S			Date	11-9-21
Project Name/Location		Ford LTP		Weather	54.0 degrees F and Cloudy. The wind is blowing NE at 4.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.46	Total Depth (ft-bmp)	7.12	Water Column (ft.)	4.66	Gallons in Well	0.76
		Pump Intake (ft-bmp)	3.96	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.39				
Sample Time: Label	10:28	Volume Purged	1.82 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	9:49						
Purge End	10:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:50	0	200	2.60	0.00	7.64	1.71	23.80	1.27	14.1	-54.1	Clear, Small White Particulates	No Odor
9:55	5	200	2.71	0.26	7.17	1.62	4.38	0.64	14.3	-50.9	Clear, Small White Particulates	No Odor
10:00	5	200	2.74	0.52	7.15	1.59	1.28	0.49	14.4	-54.7	Clear	No Odor
10:05	5	200	2.76	0.78	7.14	1.57	1.28	0.47	14.5	-58.1	Clear	No Odor
10:10	5	200	2.76	1.04	7.14	1.55	0.94	0.85	14.6	-58.0	Clear	No Odor
10:15	5	200	2.77	1.30	7.14	1.54	0.63	0.19	14.7	-56.7	Clear	No Odor
10:20	5	200	2.77	1.56	7.14	1.54	0.49	0.14	14.8	-57.1	Clear	No Odor
10:25	5	200	2.78	1.82	7.14	1.53	0.49	0.15	14.9	-57.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Capitol ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-137S			Date	11-8-21
Project Name/Location		Ford LTP		Weather	63.0 degrees F and Sunny. The wind is blowing SW at 11.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.05	Total Depth (ft-bmp)	7.02	Water Column (ft.)	4.97	Gallons in Well	0.81
		Pump Intake (ft-bmp)	3.55	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.95				
Sample Time: Label	14:13	Volume Purged	1.58 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	13:38						
Purge End	14:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:40	0	200	2.10	0.00	7.47	1.21	0.86	0.71	15.2	31.5	Clear	No Odor
13:45	5	200	2.10	0.26	7.14	1.12	0.02	0.28	15.1	17.4	Clear	No Odor
13:50	5	200	2.10	0.52	7.09	1.09	0.02	0.23	15.1	8.4	Clear	No Odor
13:55	5	200	2.11	0.78	7.09	1.07	0.02	0.19	15.1	-2.1	Clear	No Odor
14:00	5	200	2.11	1.04	7.09	1.06	0.02	0.19	15.1	-9.8	Clear	No Odor
14:05	5	200	2.11	1.32	7.09	1.05	0.02	0.21	15.0	-14.8	Clear	No Odor
14:10	5	200	2.11	1.58	7.09	1.07	0.02	0.19	15.0	-18.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Brewster ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-138S			Date	11-5-21
Project Name/Location		Ford LTP		Weather	36.0 degrees F and Cloudy. The wind is blowing SSW at 3.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	0.83	Total Depth (ft-bmp)	5.95	Water Column (ft.)	5.12	Gallons in Well	0.83
		Pump Intake (ft-bmp)	2.33	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.88				
Sample Time: Label	10:35	Volume Purged	1.56 gallons	Replicate/Code No.	DUP-11	Sampled by	Sommer Guy
Purge Start	10:03						
Purge End	10:37						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:05	0	200	0.83	0.00	7.17	1.94	0.88	0.37	14.6	-79.2	Clear	No Odor
10:10	5	200	0.83	0.26	7.18	2.09	2.74	0.09	14.9	-80.6	Clear	No Odor
10:15	5	200	0.83	0.52	7.17	2.07	1.85	0.05	15.0	-80.6	Clear	No Odor
10:20	5	200	0.83	0.78	7.17	2.06	3.13	0.03	15.1	-81.1	Clear	No Odor
10:25	5	200	0.83	1.04	7.18	2.05	2.86	0.03	15.1	-81.6	Clear	No Odor
10:30	5	200	0.83	1.30	7.18	2.06	1.65	0.03	15.2	-82.2	Clear	No Odor
10:35	5	200	0.83	1.56	7.18	2.06	1.58	0.03	15.2	-82.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-139S			Date	11-5-21
Project Name/Location		Ford LTP		Weather	38.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.41	Total Depth (ft-bmp)	6.89	Water Column (ft.)	5.48	Gallons in Well	0.89
		Pump Intake (ft-bmp)	2.91	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.88				
Sample Time: Label	13:40	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	13:00						ST
Purge End	13:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:05	0	100	1.46	0.00	6.95	0.98	59.40	1.74	16.1	108.3	Clear, Small Orange Particulates	No Odor
13:10	5	100	1.45	0.13	6.99	1.00	22.50	1.11	16.4	52.4	Clear, Small Orange Particulates	No Odor
13:15	5	100	1.46	0.26	6.99	1.00	9.65	0.48	16.5	22.4	Clear, Small Orange Particulates	No Odor
13:20	5	100	1.46	0.39	7.00	1.02	6.68	0.32	16.6	-1.1	Clear	No Odor
13:25	5	100	1.46	0.52	7.00	1.02	0.02	0.31	16.5	-11.3	Clear	No Odor
13:30	5	100	1.46	0.65	7.00	1.02	0.02	0.31	16.5	-15.6	Clear	No Odor
13:35	5	100	1.46	0.78	7.00	1.02	0.02	0.31	16.5	-17.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-140S			Date	11-5-21
Project Name/Location		Ford LTP		Weather	35.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.66	Total Depth (ft-bmp)	6.44	Water Column (ft.)	3.78	Gallons in Well	0.61
		Pump Intake (ft-bmp)	4.16	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.70				
Sample Time: Label	12:45	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	11:55						
Purge End	12:50						

ST

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:00	5	100	2.68	0.00	7.65	0.25	0.02	4.29	13.5	35.5	Clear	No Odor
12:05	5	100	2.70	0.13	7.56	0.23	0.02	4.39	13.7	41.9	Clear	No Odor
12:10	5	100	2.69	0.26	7.59	0.23	0.02	3.78	13.8	44.2	Clear	No Odor
12:15	5	100	2.69	0.39	7.60	0.24	0.02	3.53	13.7	46.0	Clear	No Odor
12:20	5	100	2.69	0.52	7.62	0.24	0.02	3.14	13.7	47.4	Clear	No Odor
12:25	5	100	2.69	0.65	7.61	0.24	0.02	3.33	13.5	48.9	Clear	No Odor
12:30	5	100	2.69	0.78	7.61	0.25	0.02	2.98	13.6	49.8	Clear	No Odor
12:35	5	100	2.69	0.91	7.62	0.25	0.02	2.78	13.7	49.5	Clear	No Odor
12:40	5	100	2.69	1.04	7.63	0.25	0.02	2.75	13.6	49.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-141S			Date	11-5-21
Project Name/Location		Ford LTP		Weather	35.0 degrees F and Overcast.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.32	Total Depth (ft-bmp)	7.68	Water Column (ft.)	3.36	Gallons in Well	0.55
		Pump Intake (ft-bmp)	5.82	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.42				
Sample Time: Label	8:50	Volume Purged	0.78 gallons	Replicate/Code No.	MW-141S-MS_110521, MW-141S-MSD_110521	Sampled by	Seth Turner
Purge Start	8:15						
Purge End	9:15						

ST

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:20	0	100	4.32	0.00	7.01	0.71	0.02	4.90	14.4	184.9	Clear	No Odor
8:25	5	100	4.32	0.13	7.01	0.71	0.02	4.90	14.4	189.2	Clear	No Odor
8:30	5	100	4.32	0.26	7.00	0.69	0.02	4.90	14.4	191.5	Clear	No Odor
8:35	5	100	4.35	0.39	7.00	0.68	0.02	4.92	14.5	187.6	Clear	No Odor
8:40	5	100	4.35	0.52	7.00	0.68	0.02	4.92	14.5	187.6	Clear	No Odor
8:45	5	100	4.35	0.65	7.00	0.68	0.02	4.92	14.5	187.6	Clear	No Odor
8:50	5	100	4.35	0.78	7.00	0.68	0.02	4.92	14.5	187.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-142S			Date	11-2-21
Project Name/Location		Ford LTP		Weather	45.0 degrees F and Cloudy. The wind is blowing W at 12.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.40	Total Depth (ft-bmp)	6.75	Water Column (ft.)	3.35	Gallons in Well	0.54
		Pump Intake (ft-bmp)	4.90	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.78				
Sample Time: Label	12:00	Volume Purged	3.12 gallons	Replicate/Code No.	--	Sampled by	Christina Weaver
Purge Start	10:53						
Purge End	12:06						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:54	0	200	3.40	0.00	6.73	1.28	50.90	3.10	14.3	188.7	Clear	No Odor
10:59	5	200	3.41	0.26	6.77	1.18	25.00	2.46	14.6	177.8	Clear	No Odor
11:04	5	200	3.41	0.52	6.76	1.16	21.00	1.54	14.9	168.0	Clear	No Odor
11:09	5	200	3.42	0.78	6.76	1.16	13.20	1.29	14.8	158.7	Clear	No Odor
11:14	5	200	3.41	1.04	6.74	1.17	11.00	1.09	13.8	144.3	Clear	No Odor
11:19	5	200	3.42	1.30	6.72	1.16	6.56	1.01	15.0	126.9	Clear	No Odor
11:24	5	200	3.42	1.56	6.72	1.17	3.60	0.94	14.8	110.8	Clear	No Odor
11:29	5	200	3.43	1.82	6.71	1.17	2.01	0.93	15.0	97.0	Clear	No Odor
11:34	5	200	3.43	2.08	6.70	1.17	0.89	0.85	15.1	84.8	Clear	No Odor
11:39	5	200	3.43	2.34	6.69	1.17	0.88	0.85	15.0	77.9	Clear	No Odor
11:44	5	200	3.43	2.60	6.69	1.18	0.68	0.79	15.2	68.8	Clear	No Odor
11:49	5	200	3.43	2.86	6.69	1.17	0.02	0.79	15.2	63.7	Clear	No Odor
11:54	5	200	3.45	3.12	6.68	1.17	0.54	0.79	15.2	57.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-192S			Date	11-4-21
Project Name/Location		Ford LTP		Weather	45.0 degrees F and Cloudy. The wind is blowing W at 8.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.69	Total Depth (ft-bmp)	7.63	Water Column (ft.)	5.94	Gallons in Well	0.97
		Pump Intake (ft-bmp)	3.19	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.68				
Sample Time: Label	15:43	Volume Purged	2.6 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	14:48						
Purge End	15:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:49	0	200	1.80	0.00	7.88	1.08	9.84	1.75	14.0	41.1	Clear	No Odor
14:54	5	200	1.82	0.26	7.36	1.00	7.32	1.18	14.4	45.4	Clear	No Odor
14:59	5	200	1.84	0.52	7.34	0.97	5.64	1.09	14.5	42.8	Clear	No Odor
15:04	5	200	1.85	0.78	7.36	1.00	4.16	0.87	14.6	39.0	Clear	No Odor
15:09	5	200	1.86	1.04	7.38	1.07	3.26	0.80	14.5	29.9	Clear	No Odor
15:14	5	200	1.87	1.30	7.39	1.17	2.98	0.66	14.6	21.0	Clear	No Odor
15:19	5	200	1.87	1.56	7.40	1.22	2.63	0.62	14.5	17.9	Clear	No Odor
15:24	5	200	1.88	1.82	7.40	1.24	2.17	0.59	14.6	20.5	Clear	No Odor
15:29	5	200	1.88	2.08	7.41	1.25	3.91	0.48	14.6	17.3	Clear	No Odor
15:34	5	200	1.88	2.34	7.41	1.23	1.66	0.48	14.6	18.5	Clear	No Odor
15:39	5	200	1.88	2.60	7.41	1.25	2.42	0.46	14.7	18.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-204			Date	11-1-21
Project Name/Location		Ford LTP		Weather	48.0 degrees F and Overcast. The wind is blowing NE at 10.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.68	Total Depth (ft-bmp)	16.58	Water Column (ft.)	11.90	Gallons in Well	1.93
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.53				
Sample Time: Label	13:26	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:53						
Purge End	13:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:55	0	125	4.68	0.00	7.42	1.54	5.30	0.82	17.0	-48.7	Clear	No Odor
13:00	5	125	4.68	0.17	7.41	1.59	5.11	0.37	17.1	-52.2	Clear	No Odor
13:05	5	125	4.68	0.34	7.34	1.59	4.43	0.25	17.5	-48.8	Clear	No Odor
13:10	5	125	4.68	0.51	7.33	1.61	4.01	0.20	17.4	-43.2	Clear	No Odor
13:15	5	125	4.68	0.68	7.32	1.62	3.60	0.16	17.3	-43.3	Clear	No Odor
13:20	5	125	4.68	0.85	7.31	1.63	3.39	0.16	17.5	-42.3	Clear	No Odor
13:25	5	125	4.68	1.02	7.31	1.64	3.29	0.17	17.5	-43.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL
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Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Levan ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-204S			Date	11-1-21
Project Name/Location		Ford LTP		Weather	48.0 degrees F and Overcast. The wind is blowing NE at 12.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.70	Total Depth (ft-bmp)	8.62	Water Column (ft.)	3.92	Gallons in Well	0.64
		Pump Intake (ft-bmp)	6.20	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.30				
Sample Time: Label	12:21	Volume Purged	1.47 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:23						
Purge End	12:34						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:25	0	125	4.72	0.00	6.98	3.50	22.10	9.10	16.4	119.4	Clear	No Odor
11:30	5	100	4.72	0.17	7.14	3.51	19.80	1.59	17.1	48.9	Clear	No Odor
11:35	5	100	4.72	0.30	7.14	3.51	18.10	1.84	17.1	25.0	Clear, Small White Particulates	No Odor
11:40	5	100	4.72	0.43	7.14	3.54	13.60	1.55	17.2	-3.3	Clear, Small White Particulates	No Odor
11:45	5	100	4.72	0.56	7.14	3.58	10.30	1.25	17.3	-18.2	Clear, Small White Particulates	No Odor
11:50	5	100	4.72	0.69	7.14	3.62	7.25	1.52	17.3	-35.2	Clear, Small White Particulates	No Odor
11:55	5	100	4.73	0.82	7.13	3.66	6.33	1.15	17.2	-44.7	Clear	No Odor
12:00	5	100	4.73	0.95	7.14	3.67	5.67	1.33	17.3	-49.6	Clear	No Odor
12:05	5	100	4.73	1.08	7.14	3.69	4.10	1.17	17.2	-53.9	Clear	No Odor
12:10	5	100	4.73	1.21	7.14	3.70	2.59	0.87	17.1	-56.8	Clear	No Odor
12:15	5	100	4.73	1.34	7.14	3.69	2.39	0.88	17.2	-57.0	Clear	No Odor
12:20	5	100	4.73	1.47	7.14	3.67	1.94	0.86	17.0	-56.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL
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Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Levan ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-205			Date	11-1-21
Project Name/Location		Ford LTP		Weather	48.0 degrees F and Overcast. The wind is blowing W at 14.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.44	Total Depth (ft-bmp)	15.74	Water Column (ft.)	9.30	Gallons in Well	1.51
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.35				
Sample Time: Label	16:56	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	15:53						
Purge End	17:02						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:55	0	125	6.45	0.00	7.07	0.97	98.00	1.17	16.5	23.4	Cloudy	No Odor
16:00	5	125	6.45	0.17	7.15	0.97	73.10	0.34	16.7	14.9	Cloudy	No Odor
16:05	5	125	6.45	0.34	7.15	0.97	69.70	0.39	16.5	15.8	Cloudy	No Odor
16:10	5	125	6.45	0.51	7.11	1.00	60.00	0.60	15.7	18.0	Cloudy	No Odor
16:15	5	125	6.45	0.68	7.17	0.97	50.20	0.32	16.9	9.6	Turbid	No Odor
16:20	5	125	6.45	0.85	7.19	0.97	47.40	0.31	16.9	8.5	Turbid	No Odor
16:25	5	125	6.45	1.02	7.18	0.97	40.00	0.28	17.0	10.3	Turbid	No Odor
16:30	5	125	6.45	1.19	7.16	0.98	37.80	0.25	17.1	11.1	Turbid	No Odor
16:35	5	125	6.45	1.36	7.16	0.98	31.30	0.21	17.0	9.9	Turbid	No Odor
16:40	5	125	6.45	1.53	7.15	0.97	26.10	0.21	17.0	10.2	Cloudy	No Odor
16:45	5	125	6.45	1.70	7.15	0.98	21.70	0.22	17.2	10.6	Clear	No Odor
16:50	5	125	6.45	1.87	7.15	0.99	17.40	0.23	17.1	11.0	Clear	No Odor
16:55	5	125	6.45	2.04	7.15	0.99	15.20	0.23	17.1	9.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL
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Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Amrhein ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-205S			Date	11-1-21
Project Name/Location		Ford LTP		Weather	48.0 degrees F and Overcast. The wind is blowing W at 14.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.40	Total Depth (ft-bmp)	8.98	Water Column (ft.)	2.58	Gallons in Well	0.42
		Pump Intake (ft-bmp)	7.90	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.86				
Sample Time: Label	15:36	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:33						
Purge End	15:43						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:35	0	125	6.45	0.00	8.38	1.10	83.20	4.92	17.3	85.6	Cloudy	No Odor
14:40	5	125	6.44	0.17	8.43	1.11	81.40	4.53	17.1	82.6	Cloudy	No Odor
14:45	5	125	6.44	0.34	8.45	1.12	73.80	4.31	17.3	88.3	Cloudy	No Odor
14:50	5	125	6.44	0.51	8.52	1.13	63.70	4.13	17.4	86.5	Cloudy	No Odor
14:55	5	125	6.44	0.68	8.49	1.16	59.40	3.75	17.3	91.9	Cloudy	No Odor
15:00	5	125	6.44	0.85	8.35	1.16	64.90	3.60	17.3	89.6	Cloudy	No Odor
15:05	5	125	6.44	1.02	8.29	1.20	60.30	3.70	17.2	65.7	Cloudy	No Odor
15:10	5	125	6.44	1.19	7.81	1.26	76.20	3.09	17.4	-106.2	Cloudy	No Odor
15:15	5	125	6.44	1.36	7.47	1.32	83.90	3.32	17.4	-111.3	Cloudy	No Odor
15:20	5	125	6.44	1.53	7.54	1.35	60.60	3.40	17.0	-117.0	Cloudy	No Odor
15:25	5	125	6.44	1.70	7.62	1.40	53.90	3.30	16.9	-117.1	Cloudy	No Odor
15:30	5	125	6.44	1.87	7.61	1.42	49.20	3.50	16.9	-120.5	Cloudy	No Odor
15:35	5	125	6.44	2.04	7.65	1.47	40.00	3.51	17.0	-118.9	Cloudy	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL
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Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Amrhein ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-30			Date	2-19-22
Project Name/Location	Ford LTP			Weather	14.0 degrees F and Mostly Clear.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19-24	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.42	Total Depth (ft-bmp)	24.72	Water Column (ft.)	15.30	Gallons in Well	2.49
		Pump Intake (ft-bmp)	21.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.72				
Sample Time: Label	10:58	Volume Purged	1.8 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	10:08						
Purge End	11:02						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:10	0	150	10.22	0.00	7.12	5.30	23.00	4.75	9.5	213.8	Clear, Small Orange Particulates	No Odor
10:15	5	150	10.47	0.20	7.23	5.28	18.70	0.84	11.0	173.6	Clear, Small Orange Particulates	No Odor
10:20	5	150	10.59	0.40	7.27	5.27	13.10	8.87	11.6	146.9	Clear, Small Orange Particulates	No Odor
10:25	5	150	10.59	0.60	7.29	5.25	10.00	6.57	11.3	123.1	Clear, Small Orange Particulates	No Odor
10:30	5	150	10.62	0.80	7.31	6.22	8.51	1.56	11.2	106.9	Clear, Small Orange Particulates	No Odor
10:35	5	150	10.66	1.00	7.32	5.20	5.92	0.70	11.7	94.8	Clear, Small Orange Particulates	No Odor
10:40	5	150	10.55	1.20	7.32	5.19	5.39	0.44	11.3	86.2	Clear, Small Orange Particulates	No Odor
10:45	5	150	10.52	1.40	7.32	5.20	3.92	0.42	11.4	73.9	Clear, Small Orange Particulates	No Odor
10:50	5	150	10.52	1.60	7.33	5.17	4.50	0.14	11.5	72.0	Clear, Small Orange Particulates	No Odor
10:55	5	150	10.52	1.80	7.34	5.17	4.27	0.07	11.4	65.3	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-31			Date	2-19-22
Project Name/Location		Ford LTP		Weather	16.0 degrees F and Mostly Clear,winds 20 mph from west		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.40	Total Depth (ft-bmp)	21.68	Water Column (ft.)	12.28	Gallons in Well	2.00
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.72				
Sample Time: Label	12:41	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:58						
Purge End	12:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:00	0	135	9.50	0.00	7.32	12.54	25.50	1.14	11.7	-18.2	Clear	No Odor
12:05	5	135	9.50	0.18	7.32	12.50	19.10	0.75	11.7	-23.1	Clear	No Odor
12:10	5	135	9.50	0.36	7.34	12.36	9.75	0.65	11.3	-33.4	Clear	No Odor
12:15	5	135	9.50	0.54	7.35	12.10	6.66	0.62	10.8	-39.7	Clear	No Odor
12:20	5	135	9.50	0.72	7.35	11.82	2.61	0.51	11.0	-46.6	Clear	No Odor
12:25	5	135	9.50	0.90	7.35	11.60	3.87	0.49	11.3	-48.8	Clear	No Odor
12:30	5	135	9.50	1.08	7.36	11.20	1.44	0.77	11.3	-52.3	Clear	No Odor
12:35	5	135	9.50	1.26	7.36	11.19	1.36	0.76	11.4	-53.7	Clear	No Odor
12:40	5	135	9.50	1.44	7.37	11.05	1.71	0.80	11.4	-54.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-32			Date	3-1-22
Project Name/Location	Ford LTP			Weather	34.0 degrees F and Cloudy. The wind is blowing S/SW at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	18-23	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.97	Total Depth (ft-bmp)	23.80	Water Column (ft.)	14.83	Gallons in Well	2.41
		Pump Intake (ft-bmp)	20.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.65				
Sample Time: Label	10:15	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	9:08						
Purge End	10:19						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:10	0	100	8.98	0.00	7.42	7.66	382.00	0.55	10.0	152.1	Cloudy, Orange	No Odor
9:15	5	100	8.98	0.13	7.13	7.51	181.00	0.27	10.1	123.2	Clear, Cloudy, Orange	No Odor
9:20	5	100	8.98	0.26	7.08	7.43	169.00	0.27	9.1	92.0	Clear, Cloudy, Orange	No Odor
9:25	5	100	8.98	0.39	7.07	7.50	120.00	0.19	9.3	66.2	Clear, Cloudy, Orange	No Odor
9:30	5	100	8.98	0.52	7.08	7.53	109.00	0.18	9.2	50.7	Clear, Orange	No Odor
9:35	5	100	8.99	0.65	7.08	7.56	101.00	0.15	9.3	39.6	Clear, Orange	No Odor
9:40	5	100	8.99	0.78	7.08	7.53	102.00	0.15	9.2	25.1	Clear, Orange	No Odor
9:45	5	100	8.99	0.91	7.09	7.59	87.90	0.13	9.1	17.1	Clear, Orange	No Odor
9:50	5	100	8.99	1.04	7.09	7.56	78.00	0.15	8.6	5.3	Clear, Orange	No Odor
9:55	5	100	8.99	1.17	7.10	7.56	63.20	0.14	8.6	0.3	Clear, Orange	No Odor
10:00	5	100	8.99	1.30	7.10	7.57	54.20	0.13	8.7	-8.5	Clear, Orange	No Odor
10:05	5	100	8.99	1.43	7.10	7.58	51.20	0.16	8.7	-13.8	Clear	No Odor
10:10	5	100	9.00	1.56	7.10	7.60	49.20	0.11	8.7	-19.1	Clear, Orange	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-33			Date	3-1-22
Project Name/Location	Ford LTP			Weather	46.9 degrees F and Mostly Cloudy. The wind is blowing W/SW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.95	Total Depth (ft-bmp)	18.69	Water Column (ft.)	10.74	Gallons in Well	1.75
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.67				
Sample Time: Label	14:10	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	13:18						
Purge End	14:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	100	7.95	0.00	6.90	10.03	278.00	1.66	11.2	47.9	Cloudy, Orange	No Odor
13:25	5	100	7.95	0.13	6.91	10.12	126.00	0.31	10.9	24.2	Clear, Orange, Small Orange Particulates	No Odor
13:30	5	100	7.96	0.26	6.93	10.02	75.70	0.39	10.9	7.1	Clear, Small Orange Particulates	No Odor
13:35	5	100	7.96	0.39	6.94	10.05	55.10	0.44	10.8	-6.9	Clear, Small Orange Particulates	No Odor
13:40	5	100	7.96	0.52	6.94	10.13	55.50	0.38	10.8	-17.5	Clear, Small Orange Particulates	No Odor
13:45	5	100	7.96	0.65	6.94	10.15	49.80	0.30	10.7	-22.7	Clear, Small Orange Particulates	No Odor
13:50	5	100	7.96	0.78	6.95	10.18	47.00	0.27	10.5	-29.3	Clear, Small Orange Particulates	No Odor
13:55	5	100	7.96	0.91	6.95	10.20	41.60	0.22	10.4	-33.0	Clear	No Odor
14:00	5	100	7.96	1.04	6.95	10.22	40.10	0.26	10.4	-36.3	Clear, Small Orange Particulates	No Odor
14:05	5	100	7.96	1.17	6.96	10.09	37.70	0.22	10.5	-37.4	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-34			Date	2-19-22
Project Name/Location	Ford LTP			Weather	14.0 degrees F and Mostly Clear.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.5-21.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.70	Total Depth (ft-bmp)	21.30	Water Column (ft.)	12.60	Gallons in Well	2.05
		Pump Intake (ft-bmp)	19.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.57				
Sample Time: Label	11:15	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	10:23						
Purge End	11:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:25	0	100	8.70	0.00	7.33	9.25	61.80	2.17	11.0	2.2	Clear, Orange	No Odor
10:30	5	100	8.70	0.13	7.33	9.24	23.20	1.63	10.7	5.9	Clear	No Odor
10:35	5	100	8.70	0.26	7.32	9.24	18.40	1.41	10.4	5.0	Clear	No Odor
10:40	5	100	8.70	0.39	7.30	9.23	16.90	1.09	10.6	-7.6	Clear	No Odor
10:45	5	100	8.70	0.52	7.29	9.23	14.30	0.93	10.5	-17.5	Clear	No Odor
10:50	5	100	8.70	0.65	7.28	9.24	13.20	0.79	10.5	-26.8	Clear	No Odor
10:55	5	100	8.70	0.78	7.28	9.21	11.10	0.76	10.4	-33.2	Clear	No Odor
11:00	5	100	8.70	0.91	7.28	9.17	4.41	0.69	10.5	-38.7	Clear	No Odor
11:05	5	100	8.70	1.04	7.29	9.08	3.83	0.70	10.4	-41.2	Clear	No Odor
11:10	5	100	8.71	1.17	7.28	9.05	3.56	0.68	10.3	-43.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Vault full of water

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-35			Date	2-19-22
Project Name/Location		Ford LTP		Weather	14.0 degrees F and Mostly Clear.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.5-24.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.08	Total Depth (ft-bmp)	24.18	Water Column (ft.)	16.10	Gallons in Well	2.62
		Pump Intake (ft-bmp)	22.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.79				
Sample Time: Label	11:50	Volume Purged	2.08 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	11:01						
Purge End	11:54						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:02	0	200	8.42	0.00	7.61	6.27	11.20	1.12	10.3	45.4	Clear	No Odor
11:07	5	200	8.65	0.26	7.64	6.19	115.00	0.35	10.5	-72.6	Cloudy	No Odor
11:12	5	200	8.80	0.52	7.64	6.19	42.30	0.20	10.7	-101.3	Clear, Cloudy	Faint Odor
11:17	5	200	8.88	0.78	7.64	6.19	74.40	0.12	10.7	-116.9	Clear, Cloudy	Faint Odor
11:22	5	200	8.95	1.04	7.65	6.14	29.80	0.09	10.7	-130.9	Clear, Cloudy	Faint Odor
11:27	5	200	8.95	1.30	7.65	6.14	17.00	0.07	10.5	-140.5	Clear	Slight Odor
11:32	5	200	8.98	1.56	7.64	6.10	12.90	0.06	10.6	-148.3	Clear	Slight Odor
11:37	5	200	9.00	1.82	7.64	6.03	12.10	0.06	10.6	-154.3	Clear	Slight Odor
11:42	5	200	9.00	2.08	7.64	5.99	12.20	0.03	10.9	-158.1	Clear	Slight Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-38			Date	3-3-22
Project Name/Location		Ford LTP		Weather	23.0 degrees F and Mostly Cloudy. The wind is blowing N at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.55	Total Depth (ft-bmp)	19.48	Water Column (ft.)	11.93	Gallons in Well	1.94
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.71				
Sample Time: Label	10:35	Volume Purged	1.37 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	9:43						
Purge End	10:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:45	0	250	7.55	0.00	7.38	3.55	16.50	0.54	9.8	6.6	Clear	No Odor
9:50	5	100	7.55	0.33	7.39	3.49	17.60	0.19	9.8	-40.2	Clear	No Odor
9:55	5	100	7.55	0.46	7.39	3.44	16.80	0.11	9.8	-73.9	Clear	No Odor
10:00	5	100	7.55	0.59	7.40	3.39	15.40	0.07	9.6	-86.3	Clear	No Odor
10:05	5	100	7.55	0.72	7.39	3.43	14.80	0.07	9.9	-91.2	Clear	No Odor
10:10	5	100	7.55	0.85	7.40	3.38	14.40	0.05	9.8	-96.0	Clear	No Odor
10:15	5	100	7.56	0.98	7.39	3.39	8.79	0.06	9.4	-97.8	Clear	No Odor
10:20	5	100	7.56	1.11	7.39	3.37	4.77	0.04	9.4	-100.8	Clear	No Odor
10:25	5	100	7.56	1.24	7.38	3.39	0.12	0.05	9.3	-101.7	Clear	No Odor
10:30	5	100	7.56	1.37	7.38	3.37	3.87	0.04	9.3	-103.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-39			Date	3-1-22
Project Name/Location		Ford LTP		Weather	43.0 degrees F and Cloudy. The wind is blowing W/SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.5-24.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.50	Total Depth (ft-bmp)	24.16	Water Column (ft.)	13.66	Gallons in Well	2.22
		Pump Intake (ft-bmp)	22.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.41				
Sample Time: Label	13:00	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	12:12						
Purge End	13:04						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:15	0	100	10.50	0.00	7.14	7.85	31.80	1.68	12.1	73.7	Clear	No Odor
12:20	5	100	10.50	0.13	7.13	7.88	28.90	1.36	11.4	70.5	Clear, Small Black Particulates	No Odor
12:25	5	100	10.50	0.26	7.13	7.87	33.40	1.27	11.5	68.5	Clear, Small Black Particulates	No Odor
12:30	5	100	10.50	0.39	7.13	7.79	21.10	1.21	11.2	66.5	Clear, Small Black Particulates	No Odor
12:35	5	100	10.50	0.52	7.12	7.73	13.40	0.91	11.2	64.5	Clear	No Odor
12:40	5	100	10.51	0.65	7.12	7.65	8.46	0.82	10.9	62.5	Clear	No Odor
12:45	5	100	10.51	0.78	7.12	7.62	7.96	0.79	10.8	61.4	Clear	No Odor
12:50	5	100	10.51	0.91	7.12	7.57	7.72	0.76	10.7	59.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-40			Date	2-19-22
Project Name/Location	Ford LTP			Weather	12.9 degrees F and Mostly Clear and Windy. The wind is blowing W/NW at 20.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.38	Total Depth (ft-bmp)	19.65	Water Column (ft.)	10.27	Gallons in Well	1.67
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.29				
Sample Time: Label	11:21	Volume Purged	2.15 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:18						
Purge End	11:28						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	130	9.45	0.00	7.20	16.01	121.00	1.27	11.1	164.4	Orange, Turbid	No Odor
10:25	5	135	9.45	0.17	7.20	16.67	95.00	0.70	11.2	113.4	Orange, Turbid	No Odor
10:30	5	135	9.48	0.35	7.22	16.85	74.90	0.52	10.9	66.7	Orange, Turbid	No Odor
10:35	5	135	9.48	0.53	7.23	16.82	65.60	0.42	11.0	35.4	Orange, Turbid	No Odor
10:40	5	135	9.48	0.71	7.24	16.89	60.30	0.39	11.1	19.2	Orange, Turbid	No Odor
10:45	5	135	9.48	0.89	7.24	16.78	51.20	0.35	11.0	2.0	Orange, Turbid	No Odor
10:50	5	135	9.48	1.07	7.24	16.80	48.60	0.40	11.1	-5.2	Orange, Turbid	No Odor
10:55	5	135	9.48	1.25	7.25	16.77	37.70	0.32	11.2	-13.9	Orange, Turbid	No Odor
11:00	5	135	9.48	1.43	7.25	16.84	28.70	0.27	11.2	-21.8	Clear	No Odor
11:05	5	135	9.48	1.61	7.25	16.79	26.90	0.26	11.2	-24.5	Clear	No Odor
11:10	5	135	9.48	1.79	7.26	16.88	23.40	0.26	11.2	-28.7	Clear	No Odor
11:15	5	135	9.48	1.97	7.26	16.87	19.50	0.24	11.6	-32.2	Clear	No Odor
11:20	5	135	9.48	2.15	7.26	16.88	17.20	0.25	11.5	-35.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-41			Date	2-19-22
Project Name/Location	Ford LTP			Weather	18.0 degrees F and Mostly Clear and Windy. The wind is blowing W/NW at 21.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.74	Total Depth (ft-bmp)	20.89	Water Column (ft.)	12.15	Gallons in Well	1.97
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.06				
Sample Time: Label	14:13	Volume Purged	2.08 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	13:27						
Purge End	14:16						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:30	0	200	9.03	0.00	7.22	16.19	18.80	0.98	11.2	129.9	Clear, Small Orange Particulates	No Odor
13:35	5	200	9.05	0.26	7.22	16.16	4.19	0.36	11.2	109.0	Clear, Small Red Particulates	No Odor
13:40	5	200	9.05	0.52	7.22	16.08	0.79	0.35	11.2	97.9	Clear	No Odor
13:45	5	200	9.05	0.78	7.23	15.99	0.36	0.42	11.3	89.4	Clear	No Odor
13:50	5	200	9.05	1.04	7.23	15.95	0.27	0.49	11.4	81.4	Clear	No Odor
13:55	5	200	9.05	1.30	7.23	16.06	0.18	0.43	11.4	75.1	Clear	No Odor
14:00	5	200	9.05	1.56	7.22	16.11	0.02	0.31	11.6	68.4	Clear	No Odor
14:05	5	200	9.05	1.82	7.22	16.10	0.02	0.32	11.4	63.6	Clear	No Odor
14:10	5	200	9.05	2.08	7.22	16.12	0.02	0.37	11.5	58.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-42			Date	2-19-22
Project Name/Location	Ford LTP			Weather	16.0 degrees F and Mostly Clear and Windy. The wind is blowing W at 20.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.35	Total Depth (ft-bmp)	20.45	Water Column (ft.)	12.10	Gallons in Well	1.97
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.40				
Sample Time: Label	12:30	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	11:46						
Purge End	12:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:50	0	100	8.35	0.00	7.02	24.03	27.90	0.65	10.8	-29.6	Clear	No Odor
11:55	5	100	8.35	0.13	7.17	23.94	7.15	0.26	10.8	-71.4	Clear	No Odor
12:00	5	100	8.35	0.26	7.17	23.32	4.84	0.20	10.9	-79.6	Clear	No Odor
12:05	5	100	8.35	0.39	7.17	22.64	3.06	0.15	10.8	-84.4	Clear	No Odor
12:10	5	100	8.36	0.52	7.17	22.16	2.98	0.13	10.8	-87.2	Clear	No Odor
12:15	5	100	8.36	0.65	7.17	21.74	1.49	0.14	10.5	-88.9	Clear	No Odor
12:20	5	100	8.36	0.78	7.17	21.56	1.17	0.15	10.7	-90.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Vault full of water

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-43			Date	2-19-22
Project Name/Location	Ford LTP			Weather	12.9 degrees F and Mostly Clear and Windy. The wind is blowing W/NW at 20.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.60	Total Depth (ft-bmp)	21.43	Water Column (ft.)	13.83	Gallons in Well	2.25
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.60				
Sample Time: Label	11:05	Volume Purged	1.35 gallons	Replicate/Code No.	MW-43-MS_021922, MW-43-MSD_021922	Sampled by	Christian Garrido
Purge Start	10:18						
Purge End	11:14						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	110	7.60	0.00	7.53	11.11	48.80	2.02	11.8	-71.7	Clear, Small Orange Particulates	Faint Odor
10:25	5	110	7.60	0.15	7.52	11.20	39.40	1.50	11.6	-75.5	Clear, Small Orange Particulates	Faint Odor
10:30	5	110	7.90	0.30	7.51	11.29	31.70	1.68	11.2	-80.0	Clear, Small Orange Particulates	Faint Odor
10:35	5	110	7.90	0.45	7.51	11.24	18.90	1.70	11.2	-113.0	Clear	No Odor
10:40	5	110	7.90	0.60	7.51	11.18	10.80	0.75	12.0	-128.5	Clear	No Odor
10:45	5	110	7.80	0.75	7.51	11.28	7.62	0.42	12.0	-141.0	Clear	No Odor
10:50	5	110	7.80	0.90	7.51	11.31	2.81	0.36	12.1	-147.1	Clear	No Odor
10:55	5	110	7.80	1.05	7.52	11.39	0.02	0.72	12.1	-149.7	Clear	No Odor
11:00	5	110	7.80	1.20	7.52	11.42	0.02	0.76	12.2	-154.5	Clear	No Odor
11:05	5	110	7.80	1.35	7.52	11.45	0.02	0.78	12.3	-155.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-45			Date	2-24-22
Project Name/Location		Ford LTP		Weather	26.1 degrees F and Partly Cloudy. The wind is blowing E/NE at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.11	Total Depth (ft-bmp)	19.74	Water Column (ft.)	9.63	Gallons in Well	1.56
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.21				
Sample Time: Label	13:30	Volume Purged	1.89 gallons	Replicate/Code No.	DUP-03	Sampled by	Samantha Hindle
Purge Start	12:35						
Purge End	13:43						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:37	0	160	10.22	0.00	8.14	11.09	93.00	4.80	9.5	62.8	Cloudy, Small Orange Particulates,	No Odor
12:42	5	160	10.18	0.21	8.05	11.16	68.50	3.01	9.9	59.8	Cloudy, Small Orange Particulates,	No Odor
12:47	5	160	10.18	0.42	7.72	11.02	43.00	2.08	9.5	59.0	Cloudy, Small White Particulates	No Odor
12:52	5	160	10.18	0.63	7.67	10.96	40.20	1.99	9.4	59.0	Cloudy	No Odor
12:57	5	160	10.18	0.84	7.61	10.60	37.90	1.89	9.7	58.2	Cloudy	No Odor
13:02	5	160	10.18	1.05	7.60	10.53	27.60	1.86	9.7	57.8	Cloudy	No Odor
13:07	5	160	10.18	1.26	7.54	10.25	26.90	1.72	9.9	57.4	Cloudy	No Odor
13:12	5	160	10.18	1.47	7.43	9.00	12.70	1.33	9.9	55.7	Clear	No Odor
13:17	5	160	10.18	1.68	7.42	8.94	11.50	1.33	10.0	55.0	Clear	No Odor
13:22	5	160	10.18	1.89	7.42	8.87	11.90	1.30	10.1	55.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-46			Date	2-23-22
Project Name/Location		Ford LTP		Weather	27.0 degrees F and Mostly Cloudy. The wind is blowing N/NW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.36	Total Depth (ft-bmp)	19.60	Water Column (ft.)	10.24	Gallons in Well	1.66
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.60				
Sample Time: Label	16:20	Volume Purged	2.65 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	15:16						
Purge End	16:26						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:16	0	180	10.08	0.00	8.43	4.93	96.70	8.28	7.2	144.0	Cloudy, Turbid	No Odor
15:21	5	170	10.18	0.24	8.25	4.98	79.40	7.05	8.1	148.4	Cloudy, Turbid	No Odor
15:26	5	170	10.30	0.46	8.08	6.68	45.70	3.95	8.6	155.7	Cloudy, Turbid	No Odor
15:31	5	160	10.38	0.68	8.10	7.52	40.00	3.21	9.0	156.7	Cloudy, Turbid	No Odor
15:36	5	170	10.38	0.89	8.12	8.60	35.30	2.55	9.2	157.0	Cloudy, Turbid	No Odor
15:41	5	170	10.38	1.11	8.13	9.32	30.20	2.13	9.0	157.7	Cloudy, Turbid	No Odor
15:46	5	170	10.40	1.33	8.15	12.11	17.60	1.20	9.0	159.2	Cloudy, Turbid	No Odor
15:51	5	170	10.40	1.55	8.16	12.63	14.60	1.04	8.9	159.3	Cloudy, Turbid	No Odor
15:56	5	170	10.40	1.77	8.17	13.33	13.40	0.94	8.2	159.9	Cloudy, Turbid	No Odor
16:01	5	170	10.40	1.99	8.16	15.64	9.48	0.61	8.7	161.3	Cloudy, Turbid	No Odor
16:06	5	170	10.40	2.21	8.16	16.37	4.39	0.57	8.1	162.7	Cloudy, Turbid	No Odor
16:11	5	170	10.32	2.43	8.17	18.10	5.76	0.83	8.0	162.8	Cloudy, Turbid	No Odor
16:16	5	170	10.32	2.65	8.18	18.29	1.67	0.59	8.0	162.8	Cloudy, Turbid	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-47			Date	2-23-22
Project Name/Location		Ford LTP		Weather	26.1 degrees F and Light Snow.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.35	Total Depth (ft-bmp)	20.13	Water Column (ft.)	10.78	Gallons in Well	1.75
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.44				
Sample Time: Label	13:25	Volume Purged	2.52 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	12:21						
Purge End	13:33						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:22	0	160	9.68	0.00	11.39	17.00	60.50	10.22	8.0	150.0	Clear, Small White Particulates	No Odor
12:27	5	160	9.53	0.21	11.40	16.72	40.00	10.80	8.4	139.0	Clear, Small White Particulates	No Odor
12:32	5	160	9.55	0.42	11.36	16.23	40.00	9.60	8.4	135.9	Clear, Small White Particulates	No Odor
12:37	5	160	9.55	0.63	11.35	16.08	32.60	9.28	8.3	135.2	Clear, Small White Particulates	No Odor
12:42	5	160	9.55	0.84	11.28	14.81	19.30	11.17	8.5	133.4	Clear	No Odor
12:47	5	160	9.55	1.05	11.24	14.43	13.40	11.02	8.8	133.3	Clear	No Odor
12:52	5	160	9.55	1.26	11.23	14.15	4.27	11.04	8.6	133.4	Clear	No Odor
12:57	5	160	9.55	1.47	11.71	13.31	6.52	10.59	8.5	133.0	Clear	No Odor
13:02	5	160	9.52	1.68	11.15	13.13	4.52	10.67	8.2	133.1	Clear	No Odor
13:07	5	160	9.52	1.89	11.14	13.05	3.64	10.86	7.8	133.3	Clear	No Odor
13:12	5	160	9.52	2.10	11.20	12.56	2.68	11.26	5.8	134.4	Clear	No Odor
13:17	5	160	9.52	2.31	11.19	12.59	6.06	11.37	5.6	134.0	Clear	No Odor
13:22	5	160	9.52	2.52	11.09	12.16	6.06	10.68	7.3	133.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-48R			Date	2-22-22
Project Name/Location	Ford LTP			Weather	44.1 degrees F and Cloudy. The wind is blowing SE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.32	Total Depth (ft-bmp)	20.90	Water Column (ft.)	11.58	Gallons in Well	1.88
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.28				
Sample Time: Label	11:30	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	10:26						
Purge End	11:37						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:29	0	150	9.40	0.00	7.60	6.20	10.90	4.70	11.1	54.7	Clear	No Odor
10:34	5	150	9.41	0.20	7.61	6.16	5.18	0.97	12.0	35.5	Clear	No Odor
10:39	5	150	9.40	0.40	7.62	6.24	5.55	0.39	12.1	11.7	Clear	No Odor
10:44	5	150	9.40	0.60	7.62	6.24	3.24	0.28	12.1	-8.3	Clear	No Odor
10:49	5	150	9.40	0.80	7.63	6.23	9.09	0.22	12.0	-27.9	Clear	No Odor
10:54	5	150	9.40	1.00	7.63	6.22	18.40	0.21	12.1	-41.2	Clear	No Odor
10:59	5	150	9.40	1.20	7.63	6.21	1.34	0.21	12.1	-44.3	Clear	No Odor
11:04	5	150	9.40	1.40	7.64	6.21	10.70	0.19	12.2	-58.8	Clear	No Odor
11:09	5	150	9.40	1.60	7.64	6.22	10.10	0.19	12.1	-62.7	Clear	No Odor
11:14	5	150	9.40	1.80	7.64	6.23	5.86	0.16	12.3	-67.2	Clear	No Odor
11:19	5	150	9.42	2.00	7.64	6.22	2.23	0.16	12.3	-69.2	Clear	No Odor
11:24	5	150	9.40	2.20	7.64	6.23	6.03	0.51	12.1	-75.0	Clear	No Odor
11:29	5	150	9.40	2.40	7.64	6.23	6.27	0.35	12.2	-76.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-50			Date	2-21-22
Project Name/Location		Ford LTP		Weather	46.0 degrees F and Mostly Cloudy. The wind is blowing E at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.02	Total Depth (ft-bmp)	18.98	Water Column (ft.)	11.96	Gallons in Well	1.94
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.24				
Sample Time: Label	16:00	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	14:57						
Purge End	16:06						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:59	0	150	7.25	0.00	7.71	0.57	128.00	2.50	12.4	-1.5	Clear, Small Black Particulates,	No Odor
15:04	5	150	7.25	0.20	7.74	0.59	81.80	2.38	12.5	0.1	Small Black Particulates, Small Brown	No Odor
15:09	5	150	7.25	0.40	7.72	0.61	58.70	1.96	12.5	2.1	Small Black Particulates, Small Brown	No Odor
15:14	5	150	7.25	0.60	7.74	0.66	38.50	1.32	12.8	1.1	Clear, Small Brown Particulates	No Odor
15:19	5	150	7.25	0.80	7.79	0.73	27.00	1.15	12.9	5.3	Small Brown Particulates	No Odor
15:24	5	150	7.26	1.00	7.85	0.89	17.90	0.79	13.1	7.0	Clear	No Odor
15:29	5	150	7.26	1.20	7.87	1.02	17.10	0.70	13.0	9.9	Clear	No Odor
15:34	5	150	7.26	1.40	7.88	1.17	12.50	0.59	13.0	12.9	Clear, Small White Particulates	No Odor
15:39	5	150	7.26	1.60	7.91	1.40	16.60	0.54	12.6	15.0	Clear	No Odor
15:44	5	150	7.26	1.80	7.91	1.47	12.20	0.53	12.3	17.5	Clear	No Odor
15:49	5	150	7.26	2.00	7.91	1.65	4.26	0.47	12.7	16.7	Clear	No Odor
15:54	5	150	7.26	2.20	7.91	1.85	6.35	0.45	13.0	17.7	Clear	No Odor
15:59	5	150	7.26	2.40	7.93	1.99	5.27	0.59	12.9	17.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, N	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-52			Date	2-19-22
Project Name/Location	Ford LTP			Weather	16.0 degrees F and Mostly Clear and Windy. The wind is blowing W at 20.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.50	Total Depth (ft-bmp)	19.17	Water Column (ft.)	11.67	Gallons in Well	1.90
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.67				
Sample Time: Label	12:20	Volume Purged	1.27 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	11:38						
Purge End	12:27						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:40	0	120	7.50	0.00	7.63	7.55	37.40	1.02	10.5	-68.0	Clear, Small Orange Particulates	Faint Odor
11:45	5	120	7.50	0.16	7.57	7.58	30.80	0.67	10.5	-66.0	Clear, Small Orange Particulates	Faint Odor
11:50	5	120	7.72	0.32	7.55	7.58	18.40	0.51	10.7	-65.6	Clear, Small Orange Particulates	Faint Odor
11:55	5	110	7.80	0.48	7.52	7.63	12.40	0.19	10.9	-104.5	Clear, Small Orange Particulates	Faint Odor
12:00	5	120	7.80	0.63	7.52	7.59	8.48	0.15	11.0	-122.7	Clear, Small Orange Particulates	No Odor
12:05	5	120	7.70	0.79	7.52	7.56	3.99	0.14	11.2	-127.9	Clear, Small Orange Particulates	No Odor
12:10	5	120	7.70	0.95	7.52	7.54	3.04	0.12	11.0	-135.8	Clear, Small Orange Particulates	No Odor
12:15	5	120	7.70	1.11	7.52	7.51	2.82	0.20	11.0	-140.5	Clear, Small Orange Particulates	No Odor
12:20	5	120	7.60	1.27	7.52	7.51	1.47	0.10	11.1	-144.2	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-53			Date	3-3-22
Project Name/Location	Ford LTP			Weather	26.1 degrees F and Mostly Cloudy. The wind is blowing N/NW at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.57	Total Depth (ft-bmp)	20.78	Water Column (ft.)	14.21	Gallons in Well	2.31
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.94				
Sample Time: Label	12:31	Volume Purged	2.16 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:27						
Purge End	12:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:30	0	135	6.93	0.00	7.44	1.33	22.60	1.12	10.5	110.9	Clear	No Odor
11:35	5	135	6.95	0.18	7.52	2.12	14.30	0.45	11.0	89.8	Clear	No Odor
11:40	5	135	6.95	0.36	7.53	2.22	12.10	0.42	10.9	85.5	Clear	No Odor
11:45	5	135	6.96	0.54	7.54	2.30	11.50	0.39	10.8	80.7	Clear	No Odor
11:50	5	135	6.96	0.72	7.55	2.54	9.14	0.35	10.9	71.4	Clear	No Odor
11:55	5	135	6.96	0.90	7.57	2.73	7.67	0.30	11.0	60.4	Clear	No Odor
12:00	5	135	6.96	1.08	7.58	3.02	5.97	0.26	11.0	46.7	Clear	No Odor
12:05	5	135	6.96	1.26	7.59	3.08	6.01	0.25	11.2	44.4	Clear	No Odor
12:10	5	135	6.96	1.44	7.59	3.25	5.28	0.23	11.2	35.3	Clear	No Odor
12:15	5	135	6.96	1.62	7.59	3.30	4.52	0.22	11.2	26.6	Clear	No Odor
12:20	5	135	6.96	1.80	7.59	3.48	4.30	0.21	11.3	19.4	Clear	No Odor
12:25	5	135	6.96	1.98	7.59	3.58	4.02	0.20	11.3	14.0	Clear	No Odor
12:30	5	135	6.96	2.16	7.59	3.75	3.53	0.22	11.2	11.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, N	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-54			Date	3-3-22
Project Name/Location		Ford LTP		Weather	27.0 degrees F and Mostly Cloudy. The wind is blowing NW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.58	Total Depth (ft-bmp)	20.80	Water Column (ft.)	14.22	Gallons in Well	2.31
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.62				
Sample Time: Label	15:01	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:17						
Purge End	15:09						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:20	0	135	6.90	0.00	7.47	11.49	29.70	0.92	10.0	-61.2	Clear	No Odor
14:25	5	135	6.92	0.18	7.51	11.40	18.60	0.51	9.9	-73.8	Clear	No Odor
14:30	5	135	6.92	0.36	7.53	11.23	10.70	0.44	9.9	-84.4	Clear	No Odor
14:35	5	135	6.92	0.54	7.53	11.20	8.12	0.48	9.8	-87.1	Clear	No Odor
14:40	5	135	6.92	0.72	7.53	11.20	6.65	0.48	9.8	-91.5	Clear	No Odor
14:45	5	135	6.92	0.90	7.54	11.32	5.69	0.45	9.8	-93.7	Clear	No Odor
14:50	5	135	6.92	1.08	7.54	11.38	4.83	0.47	9.9	-96.5	Clear	No Odor
14:55	5	135	6.92	1.26	7.54	11.42	3.90	0.41	9.9	-99.7	Clear	No Odor
15:00	5	135	6.92	1.44	7.55	11.53	3.47	0.34	9.9	-103.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, N	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-54S			Date	3-3-22
Project Name/Location		Ford LTP		Weather	27.0 degrees F and Mostly Cloudy. The wind is blowing NW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.55	Total Depth (ft-bmp)	9.22	Water Column (ft.)	3.67	Gallons in Well	0.60
		Pump Intake (ft-bmp)	7.05	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.78				
Sample Time: Label	13:51	Volume Purged	1.07 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:17						
Purge End	14:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	135	5.85	0.00	8.39	0.29	14.60	12.23	5.6	82.5	Clear	No Odor
13:25	5	135	6.10	0.18	8.42	0.28	28.10	9.78	5.4	83.4	Clear, Small Brown Particulates	No Odor
13:30	5	135	6.25	0.36	8.41	0.29	31.50	9.43	5.5	85.0	Clear, Small Brown Particulates	No Odor
13:35	5	135	6.37	0.54	8.44	0.29	29.00	9.34	5.2	86.0	Cloudy, Small Brown Particulates	No Odor
13:40	5	135	6.45	0.71	8.41	0.29	29.80	9.16	5.4	87.0	Cloudy, Small Brown Particulates	No Odor
13:45	5	135	6.58	0.89	8.37	0.29	28.10	9.08	5.3	88.9	Cloudy, Small Brown Particulates	No Odor
13:50	5	135	6.68	1.07	8.38	0.29	27.60	9.01	5.3	91.2	Cloudy, Small Brown Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, N	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-57			Date	3-3-22
Project Name/Location		Ford LTP		Weather	32.0 degrees F and Mostly Cloudy. The wind is blowing at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.10	Total Depth (ft-bmp)	21.65	Water Column (ft.)	15.55	Gallons in Well	2.53
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.85				
Sample Time: Label	16:31	Volume Purged	2.16 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	15:27						
Purge End	16:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:30	0	140	6.61	0.00	9.82	6.31	26.90	4.36	11.7	-23.4	Turbid	No Odor
15:35	5	140	7.05	0.18	9.87	5.62	21.50	4.86	11.8	-23.0	Clear	No Odor
15:40	5	140	7.30	0.36	9.39	6.80	19.60	3.35	11.7	-14.7	Clear	No Odor
15:45	5	140	7.35	0.54	8.91	8.06	23.90	1.94	11.8	-10.0	Clear	No Odor
15:50	5	140	7.40	0.72	8.68	8.53	21.80	1.36	12.1	-21.8	Clear	No Odor
15:55	5	140	7.48	0.90	8.55	8.68	16.40	1.07	12.3	-63.4	Clear	No Odor
16:00	5	140	7.52	1.08	8.47	8.77	14.30	0.94	12.2	-93.7	Clear	No Odor
16:05	5	140	7.55	1.26	8.35	8.89	11.50	0.81	12.1	-109.3	Clear	No Odor
16:10	5	140	7.55	1.44	8.15	9.08	9.10	0.59	12.1	-114.9	Clear	No Odor
16:15	5	140	7.55	1.62	8.03	9.22	6.66	0.45	12.1	-117.1	Clear	No Odor
16:20	5	140	7.55	1.80	8.00	9.21	5.40	0.40	12.0	-118.6	Clear	No Odor
16:25	5	140	7.55	1.98	7.97	9.19	4.72	0.40	12.1	-119.7	Clear	No Odor
16:30	5	140	7.55	2.16	7.95	9.16	3.99	0.40	12.1	-121.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, N	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-62			Date	2-21-22
Project Name/Location	Ford LTP			Weather	45.0 degrees F and Mostly Cloudy. The wind is blowing E at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-21	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.11	Total Depth (ft-bmp)	21.15	Water Column (ft.)	13.04	Gallons in Well	2.12
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.93				
Sample Time: Label	13:50	Volume Purged	1.98 gallons	Replicate/Code No.	MW-62-MS_022122, MW-62-MSD_022122	Sampled by	Samantha Hindle
Purge Start	12:57						
Purge End	14:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:58	0	170	8.15	0.00	7.23	8.19	17.00	1.90	12.3	49.9	Clear, Small Orange Particulates	No Odor
13:03	5	170	8.15	0.22	7.20	8.26	11.40	0.37	13.2	7.2	Clear, Small Orange Particulates	No Odor
13:08	5	170	8.15	0.44	7.20	8.29	9.47	0.31	13.3	3.1	Clear, Small Orange Particulates	No Odor
13:13	5	170	8.15	0.66	7.20	8.29	5.31	0.19	13.3	-27.7	Clear	No Odor
13:18	5	170	8.15	0.88	7.21	8.27	21.00	0.17	13.4	-36.3	Clear, Small Orange Particulates	No Odor
13:23	5	170	8.15	1.10	7.21	8.25	0.45	0.13	13.5	-50.4	Clear	No Odor
13:28	5	170	8.15	1.32	7.21	8.24	5.08	0.12	13.6	-52.7	Clear	No Odor
13:33	5	170	8.15	1.54	7.21	8.21	3.60	0.14	13.3	-59.6	Clear	No Odor
13:38	5	170	8.15	1.76	7.22	8.20	0.42	0.12	13.3	-64.9	Clear	No Odor
13:43	5	170	8.15	1.98	7.22	8.17	0.67	0.10	13.4	-68.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, N	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-63			Date	2-22-22
Project Name/Location		Ford LTP		Weather	44.1 degrees F and Cloudy. The wind is blowing SE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.98	Total Depth (ft-bmp)	11.80	Water Column (ft.)	4.82	Gallons in Well	0.78
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.88				
Sample Time: Label	13:10	Volume Purged	1.47 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	12:29						
Purge End	13:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:30	0	160	6.98	0.00	7.74	2.20	9.91	2.13	8.5	64.3	Clear, Small Black Particulates	No Odor
12:35	5	160	6.98	0.21	7.71	2.20	6.08	1.40	8.6	63.3	Clear, Small White Particulates	No Odor
12:40	5	160	6.98	0.42	7.69	2.20	3.93	1.02	8.6	62.2	Clear, Small White Particulates	No Odor
12:45	5	160	6.98	0.63	7.65	2.33	0.02	0.56	8.8	60.5	Clear	No Odor
12:50	5	160	6.98	0.84	7.65	2.37	0.02	0.50	8.9	60.3	Clear	No Odor
12:55	5	160	7.00	1.05	7.64	2.41	0.02	0.43	8.9	59.9	Clear	No Odor
13:00	5	160	7.00	1.26	7.64	2.46	0.02	0.36	9.0	58.4	Clear	No Odor
13:05	5	160	7.00	1.47	7.64	2.46	0.02	0.34	9.0	57.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-64			Date	2-8-22
Project Name/Location		Ford LTP		Weather	28.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.40	Total Depth (ft-bmp)	20.08	Water Column (ft.)	11.68	Gallons in Well	1.90
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.41				
Sample Time: Label	13:40	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	13:00						
Purge End	13:45						

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Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:05	0	100	8.42	0.00	7.08	3.25	1.14	1.18	9.8	62.5	Clear	No Odor
13:10	5	100	8.43	0.13	7.10	3.23	0.02	1.19	9.8	62.3	Clear	No Odor
13:15	5	100	8.43	0.26	7.10	3.21	0.02	1.19	9.9	61.9	Clear	No Odor
13:20	5	100	8.43	0.39	7.10	3.21	0.02	1.21	9.9	60.2	Clear	No Odor
13:25	5	100	8.43	0.52	7.10	3.21	0.02	1.22	9.9	61.8	Clear	No Odor
13:30	5	100	8.43	0.65	7.10	3.21	0.02	1.21	9.9	61.5	Clear	No Odor
13:35	5	100	8.43	0.78	7.10	3.21	0.02	1.20	9.9	62.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Fair,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-67			Date	2-22-22
Project Name/Location	Ford LTP			Weather	53.1 degrees F and Light Rain and Fog/Mist. The wind is blowing SW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.68	Total Depth (ft-bmp)	13.68	Water Column (ft.)	5.00	Gallons in Well	0.81
		Pump Intake (ft-bmp)	11.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.62				
Sample Time: Label	15:20	Volume Purged	2.12 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	14:20						
Purge End	15:21						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:22	0	160	8.70	0.00	7.37	3.95	18.90	2.38	10.2	128.3	Clear, Small Orange Particulates	No Odor
14:27	5	160	8.70	0.22	7.36	3.99	10.80	1.88	10.3	122.4	Clear, Small White Particulates	No Odor
14:32	5	160	8.70	0.44	7.36	4.00	3.09	1.52	10.2	116.3	Clear, Small White Particulates	No Odor
14:37	5	160	8.70	0.65	7.36	4.04	0.28	1.72	10.3	110.1	Clear	No Odor
14:42	5	160	8.70	0.86	7.35	4.16	0.02	1.06	10.4	95.5	Clear	No Odor
14:47	5	160	8.70	1.07	7.35	4.20	0.02	1.04	10.4	91.6	Clear	No Odor
14:52	5	160	8.70	1.28	7.35	4.22	0.02	0.92	10.4	88.6	Clear	No Odor
14:57	5	160	8.70	1.49	7.35	4.25	0.02	0.81	10.4	86.5	Clear	No Odor
15:02	5	160	8.70	1.70	7.35	4.25	0.02	0.57	10.4	84.2	Clear	No Odor
15:07	5	160	8.70	1.91	7.35	4.26	0.02	0.55	10.4	81.0	Clear	No Odor
15:12	5	160	8.70	2.12	7.35	4.26	0.02	0.58	10.4	80.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-68			Date	2-23-22
Project Name/Location		Ford LTP		Weather	26.1 degrees F and Light Snow.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.78	Total Depth (ft-bmp)	19.90	Water Column (ft.)	11.12	Gallons in Well	1.81
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.81				
Sample Time: Label	11:45	Volume Purged	1.47 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	10:59						
Purge End	11:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:01	0	160	8.88	0.00	7.42	11.18	11.50	2.67	6.7	195.0	Clear, Small Orange Particulates	No Odor
11:06	5	160	9.82	0.21	7.47	11.31	8.95	1.61	5.4	189.5	Clear, Small Orange Particulates	No Odor
11:11	5	160	8.82	0.42	7.51	11.03	5.00	0.61	7.5	183.6	Clear, Small White Particulates	No Odor
11:16	5	160	8.82	0.63	7.52	11.00	4.28	0.58	7.6	181.5	Clear, Small White Particulates	No Odor
11:21	5	160	8.82	0.84	7.54	11.07	2.65	0.54	8.0	180.3	Clear, Small White Particulates	No Odor
11:26	5	160	8.82	1.05	7.54	11.04	0.35	0.40	8.3	179.3	Clear	No Odor
11:31	5	160	8.82	1.26	7.54	11.06	0.02	0.39	8.4	179.3	Clear	No Odor
11:36	5	160	8.82	1.47	7.55	11.04	0.02	0.36	8.5	179.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-69			Date	2-8-22
Project Name/Location		Ford LTP		Weather	28.0 degrees F and Sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.58	Total Depth (ft-bmp)	19.96	Water Column (ft.)	11.38	Gallons in Well	1.85
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.49				
Sample Time: Label	14:50	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Seth Turner
Purge Start	14:05						
Purge End	14:55						

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Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:10	0	100	8.64	0.00	6.91	15.24	44.10	0.46	11.6	54.9	Clear	No Odor
14:15	5	100	8.65	0.13	6.91	15.31	24.30	0.42	11.6	51.8	Clear	No Odor
14:20	5	100	8.65	0.26	6.92	15.29	17.30	0.39	11.6	49.2	Clear	No Odor
14:25	5	100	8.65	0.39	6.92	15.29	11.60	0.41	11.6	47.6	Clear	No Odor
14:30	5	100	8.65	0.52	6.92	15.27	6.30	0.40	11.6	49.8	Clear	No Odor
14:35	5	100	8.65	0.65	6.92	15.25	0.02	0.40	11.6	49.8	Clear	No Odor
14:40	5	100	8.65	0.78	6.92	15.19	0.02	0.40	11.6	49.8	Clear	No Odor
14:45	5	100	8.65	0.91	6.92	15.19	0.02	0.40	11.6	47.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Fair,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-70			Date	2-24-22
Project Name/Location		Ford LTP		Weather	23.0 degrees F and Cloudy. The wind is blowing E/NE at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.24	Total Depth (ft-bmp)	20.11	Water Column (ft.)	9.87	Gallons in Well	1.60
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.57				
Sample Time: Label	11:55	Volume Purged	2.52 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	10:53						
Purge End	12:03						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:54	0	160	10.40	0.00	6.83	10.73	99.00	2.06	8.7	171.4	Cloudy, Small Orange Particulates	No Odor
10:59	5	160	10.40	0.21	6.95	10.97	60.40	1.84	8.3	108.0	Cloudy, Small Orange Particulates	No Odor
11:04	5	160	10.35	0.42	6.97	10.90	42.20	1.30	7.5	73.3	Cloudy, Small Orange Particulates	No Odor
11:09	5	160	10.35	0.63	7.00	11.02	30.30	0.54	7.6	63.3	Cloudy, Small Orange Particulates	No Odor
11:14	5	160	10.35	0.84	7.01	11.03	29.00	0.46	7.6	60.2	Cloudy, Small Orange Particulates	No Odor
11:19	5	160	10.35	1.05	7.02	11.06	26.60	0.40	7.5	49.0	Cloudy, Small Orange Particulates	No Odor
11:24	5	160	10.35	1.26	7.03	11.07	16.80	0.40	7.3	44.3	Clear, Cloudy, Small Orange Particulates	No Odor
11:29	5	160	10.35	1.47	7.04	11.07	10.80	0.33	7.2	33.7	Clear, Cloudy	No Odor
11:34	5	160	10.35	1.68	7.05	11.08	11.30	0.28	7.4	24.6	Clear	No Odor
11:39	5	160	10.35	1.89	7.05	11.02	6.06	0.30	7.2	17.8	Clear	No Odor
11:44	5	160	10.35	2.10	7.05	11.02	8.73	0.31	7.0	11.3	Clear	No Odor
11:49	5	160	10.35	2.31	7.06	11.05	5.24	0.25	7.3	3.4	Clear	No Odor
11:54	5	160	10.35	2.52	7.05	10.97	5.83	0.41	7.4	-0.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Fair,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-71			Date	3-4-22
Project Name/Location		Ford LTP		Weather	28.9 degrees F and Mostly Cloudy. The wind is blowing S/SW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.42	Total Depth (ft-bmp)	20.20	Water Column (ft.)	8.78	Gallons in Well	1.43
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.47				
Sample Time: Label	11:35	Volume Purged	2.1 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	10:39						
Purge End	11:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	160	11.65	0.00	6.79	15.79	3.77	2.60	11.7	77.7	Clear	No Odor
10:45	5	160	11.65	0.21	6.84	15.76	0.25	2.14	11.8	65.3	Clear	No Odor
10:50	5	160	11.65	0.42	6.94	15.89	0.03	1.69	11.6	47.0	Clear	No Odor
10:55	5	160	11.65	0.63	6.98	15.89	1.60	1.52	11.5	32.3	Clear	No Odor
11:00	5	160	11.66	0.84	7.00	15.94	0.02	1.22	11.4	14.2	Clear	No Odor
11:05	5	160	11.66	1.05	7.01	15.81	0.02	1.09	12.2	-1.5	Clear	No Odor
11:10	5	160	11.66	1.26	7.02	15.94	0.02	1.04	12.1	-11.2	Clear	No Odor
11:15	5	160	11.66	1.47	7.03	15.93	0.02	0.91	12.8	-20.9	Clear	No Odor
11:20	5	160	11.66	1.68	7.04	15.96	0.02	0.87	12.7	-29.5	Clear	No Odor
11:25	5	160	11.66	1.89	7.05	15.88	0.02	0.87	12.6	-34.8	Clear	No Odor
11:30	5	160	11.66	2.10	7.06	15.95	0.02	0.90	12.6	-38.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-208S			Date	2-19-22
Project Name/Location		Ford LTP		Weather	18.0 degrees F and Mostly Clear and Windy. The wind is blowing W/NW at 21.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.05	Total Depth (ft-bmp)	13.60	Water Column (ft.)	3.55	Gallons in Well	0.58
		Pump Intake (ft-bmp)	11.55	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.10				
Sample Time: Label	14:11	Volume Purged	1.8 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:17						
Purge End	14:19						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	135	10.10	0.00	7.73	4.27	6.05	1.70	9.1	-37.4	Clear	No Odor
13:25	5	135	10.10	0.18	7.63	4.01	4.31	1.74	9.4	-52.6	Clear	No Odor
13:30	5	135	10.10	0.36	7.61	4.00	3.83	1.79	9.5	-53.2	Clear	No Odor
13:35	5	135	10.10	0.54	7.60	3.91	5.26	1.90	9.4	-50.3	Clear	No Odor
13:40	5	135	10.10	0.72	7.56	3.96	6.31	2.08	9.2	-43.9	Clear	No Odor
13:45	5	135	10.10	0.90	7.54	3.98	7.08	2.17	9.2	-40.3	Clear	No Odor
13:50	5	135	10.10	1.08	7.50	4.05	6.82	2.16	9.4	-33.9	Clear	No Odor
13:55	5	135	10.10	1.26	7.49	4.25	5.90	2.03	9.4	-34.1	Clear	No Odor
14:00	5	135	10.10	1.44	7.49	4.09	6.49	2.27	9.3	-32.4	Clear	No Odor
14:05	5	135	10.10	1.62	7.48	4.06	6.85	2.25	9.4	-31.0	Clear	No Odor
14:10	5	135	10.10	1.80	7.48	4.06	6.95	2.28	9.3	-29.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-209S			Date	2-19-22
Project Name/Location	Ford LTP			Weather	16.0 degrees F and Mostly Clear and Windy. The wind is blowing W at 20.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.43	Total Depth (ft-bmp)	12.71	Water Column (ft.)	3.28	Gallons in Well	0.53
		Pump Intake (ft-bmp)	10.93	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.92				
Sample Time: Label	12:33	Volume Purged	2.08 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	11:48						
Purge End	12:36						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:50	0	200	9.47	0.00	7.06	12.16	19.70	0.09	7.9	133.3	Clear, Small Orange Particulates	No Odor
11:55	5	200	9.47	0.26	7.05	12.75	16.60	0.30	8.1	126.4	Clear, Small Orange Particulates	No Odor
12:00	5	200	9.47	0.52	7.05	13.02	8.19	2.78	7.9	18.1	Clear, Small Orange Particulates	No Odor
12:05	5	200	9.47	0.78	7.05	13.10	6.79	4.40	7.8	15.7	Clear, Small Orange Particulates	No Odor
12:10	5	200	9.47	1.04	7.05	13.08	5.30	2.78	7.9	113.2	Clear, Small Orange Particulates	No Odor
12:15	5	200	9.46	1.30	7.06	13.16	4.80	0.56	8.0	110.8	Clear, Small Orange Particulates	No Odor
12:20	5	200	9.47	1.56	7.05	13.13	4.12	0.18	8.0	108.6	Clear, Small Orange Particulates	No Odor
12:25	5	200	9.47	1.82	7.05	13.12	3.88	0.17	8.2	106.4	Clear, Small Orange Particulates	No Odor
12:30	5	200	9.47	2.08	7.05	13.12	2.98	0.16	8.2	105.1	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-210S			Date	2-19-22
Project Name/Location		Ford LTP		Weather	12.9 degrees F and Partly Cloudy. The wind is blowing W/NW at 18.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.31	Total Depth (ft-bmp)	12.70	Water Column (ft.)	3.39	Gallons in Well	0.55
		Pump Intake (ft-bmp)	10.81	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.04				
Sample Time: Label	10:05	Volume Purged	1.12 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	9:18						
Purge End	10:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:20	0	100	9.31	0.00	7.23	10.52	351.00	2.10	9.4	47.0	Cloudy, Gray	No Odor
9:25	5	100	9.31	0.13	7.25	10.56	202.00	1.35	9.5	0.5	Cloudy, Gray	No Odor
9:30	5	100	9.31	0.26	7.25	10.58	118.00	0.80	9.5	-25.5	Clear	No Odor
9:35	5	125	9.31	0.39	7.26	10.63	68.20	0.63	9.6	-39.6	Clear, Gray	No Odor
9:40	5	125	9.31	0.56	7.26	10.62	42.30	0.46	9.5	-48.7	Clear, Gray	No Odor
9:45	5	100	9.31	0.73	7.24	10.62	12.20	0.32	9.6	-58.3	Clear	No Odor
9:50	5	100	9.31	0.86	7.24	10.67	11.10	0.20	9.7	-59.8	Clear	No Odor
9:55	5	100	9.31	0.99	7.24	10.66	10.60	0.16	9.6	-61.0	Clear	No Odor
10:00	5	100	9.31	1.12	7.24	10.68	10.50	0.21	9.7	-62.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Missing two bolts

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-211S			Date	2-19-22
Project Name/Location		Ford LTP		Weather	12.9 degrees F and Partly Cloudy. The wind is blowing W/NW at 18.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.07	Total Depth (ft-bmp)	11.85	Water Column (ft.)	3.78	Gallons in Well	0.61
		Pump Intake (ft-bmp)	9.57	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.84				
Sample Time: Label	10:15	Volume Purged	2.34 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	9:25						
Purge End	10:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:27	0	200	8.13	0.00	7.85	7.32	11.50	1.36	6.7	232.2	Clear	No Odor
9:32	5	200	8.13	0.26	7.67	7.25	3.91	0.96	6.7	226.1	Clear, Small White Particulates	No Odor
9:37	5	200	8.14	0.52	7.66	7.27	2.82	0.96	6.6	216.1	Clear, Small White Particulates	No Odor
9:42	5	200	8.14	0.78	7.66	7.30	0.02	0.72	7.1	207.6	Clear	No Odor
9:47	5	200	8.14	1.04	7.67	7.29	0.02	0.56	7.2	202.2	Clear	No Odor
9:52	5	200	8.14	1.30	7.68	7.35	0.02	0.50	6.9	197.8	Clear	No Odor
9:57	5	200	8.14	1.56	7.70	7.39	0.02	0.37	7.4	194.6	Clear	No Odor
10:02	5	200	8.14	1.82	7.72	7.47	0.02	0.34	7.0	192.8	Clear	No Odor
10:07	5	200	8.14	2.08	7.73	7.50	0.02	0.35	7.0	191.6	Clear	No Odor
10:12	5	200	8.14	2.34	7.74	7.53	0.02	0.34	7.1	190.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-212S			Date	2-19-22
Project Name/Location		Ford LTP		Weather	18.0 degrees F and Mostly Clear and Windy. The wind is blowing W/NW at 21.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-11.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.57	Total Depth (ft-bmp)	11.17	Water Column (ft.)	3.60	Gallons in Well	0.58
		Pump Intake (ft-bmp)	9.07	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.38				
Sample Time: Label	13:35	Volume Purged	3.12 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	12:30						
Purge End	13:38						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:31	0	200	7.59	0.00	7.33	7.51	1.16	3.31	7.4	147.8	Clear	No Odor
12:36	5	200	7.59	0.26	7.24	8.70	0.02	0.68	8.4	149.4	Clear	No Odor
12:41	5	200	7.59	0.52	7.25	8.91	0.02	0.37	8.3	142.9	Clear	No Odor
12:46	5	200	7.59	0.78	7.26	8.97	0.02	0.34	8.9	133.4	Clear	No Odor
12:51	5	200	7.59	1.04	7.26	9.00	0.02	0.35	9.1	125.8	Clear	No Odor
12:56	5	200	7.59	1.30	7.27	8.76	0.02	0.36	7.9	115.3	Clear	No Odor
13:01	5	200	7.59	1.56	7.26	8.64	0.02	0.13	8.3	88.1	Clear	No Odor
13:06	5	200	7.59	1.82	7.27	8.55	0.02	0.13	8.3	68.4	Clear	No Odor
13:11	5	200	7.59	2.08	7.27	8.52	0.02	0.12	8.3	54.4	Clear	No Odor
13:16	5	200	7.59	2.34	7.27	8.49	0.02	0.12	8.3	41.4	Clear	No Odor
13:21	5	200	7.59	2.60	7.27	8.43	0.02	0.13	8.4	30.3	Clear	No Odor
13:26	5	200	7.59	2.86	7.27	8.40	0.02	0.12	8.7	20.9	Clear	No Odor
13:31	5	200	7.59	3.12	7.27	8.40	0.02	0.13	8.8	13.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-213S			Date	2-19-22
Project Name/Location		Ford LTP		Weather	12.9 degrees F and Partly Cloudy. The wind is blowing W/NW at 18.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.35	Total Depth (ft-bmp)	10.86	Water Column (ft.)	3.51	Gallons in Well	0.57
		Pump Intake (ft-bmp)	8.85	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.68				
Sample Time: Label	9:40	Volume Purged	0.96 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	9:07						
Purge End	9:47						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:10	0	120	7.35	0.00	7.35	9.19	29.80	3.40	7.7	-40.0	Clear	No Odor
9:15	5	120	7.35	0.16	7.36	9.51	22.40	1.12	7.5	-45.6	Clear	No Odor
9:20	5	120	7.80	0.32	7.40	9.33	18.30	0.37	8.0	-45.1	Clear	No Odor
9:25	5	120	7.80	0.48	7.42	9.15	6.26	0.32	8.2	-45.9	Clear	No Odor
9:30	5	120	7.80	0.64	7.43	8.90	4.81	0.28	8.5	-46.3	Clear	No Odor
9:35	5	120	7.80	0.80	7.44	8.68	3.11	0.26	8.6	-49.2	Clear	No Odor
9:40	5	120	7.70	0.96	7.44	8.65	0.02	0.26	8.7	-49.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-218S			Date	3-1-22
Project Name/Location		Ford LTP		Weather	39.9 degrees F and Cloudy. The wind is blowing SW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.14	Total Depth (ft-bmp)	12.90	Water Column (ft.)	2.76	Gallons in Well	0.45
		Pump Intake (ft-bmp)	11.64	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.02				
Sample Time: Label	11:10	Volume Purged	0.91 gallons	Replicate/Code No.	MW-218S-MS_030122, MW-218S-MSD_030122	Sampled by	Dominic Harmon
Purge Start	10:28						
Purge End	11:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	100	10.14	0.00	7.05	4.85	27.40	1.97	9.3	-2.9	Clear	No Odor
10:35	5	100	10.14	0.13	7.04	3.98	12.10	0.49	9.5	-7.1	Clear	No Odor
10:40	5	100	10.14	0.26	7.06	3.51	3.51	0.72	9.6	-12.2	Clear	No Odor
10:45	5	100	10.14	0.39	7.08	3.20	2.76	0.83	9.6	-14.8	Clear	No Odor
10:50	5	100	10.14	0.52	7.11	2.98	1.23	0.98	9.6	-11.8	Clear	No Odor
10:55	5	100	10.15	0.65	7.13	2.98	0.38	1.29	9.5	-7.6	Clear	No Odor
11:00	5	100	10.15	0.78	7.13	2.98	0.26	1.33	9.6	-5.3	Clear	No Odor
11:05	5	100	10.15	0.91	7.12	2.97	1.24	1.35	9.7	-4.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-219S			Date	2-25-22
Project Name/Location	Ford LTP			Weather	23.0 degrees F and Light Snow. The wind is blowing N/NW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.92	Total Depth (ft-bmp)	11.30	Water Column (ft.)	4.38	Gallons in Well	0.71
		Pump Intake (ft-bmp)	8.42	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.66				
Sample Time: Label	11:55	Volume Purged	1.89 gallons	Replicate/Code No.	MW-219S-MS_022522, MW-219S-MSD_022522	Sampled by	Samantha Hindle
Purge Start	11:00						
Purge End	12:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:01	0	160	6.92	0.00	7.93	5.18	40.00	4.00	4.3	166.5	Cloudy, Yellow	No Odor
11:06	5	160	6.95	0.21	7.99	5.17	39.20	1.57	4.7	155.0	Cloudy, Yellow	No Odor
11:11	5	160	6.95	0.42	8.00	5.12	25.10	1.60	4.8	153.6	Cloudy, Yellow	No Odor
11:16	5	160	6.96	0.63	7.94	5.14	25.50	1.50	4.9	153.9	Cloudy, Yellow	No Odor
11:21	5	160	6.96	0.84	7.91	5.15	23.60	1.46	4.7	155.4	Cloudy, Yellow	No Odor
11:26	5	160	6.96	1.05	7.91	5.15	21.40	1.47	4.7	155.4	Yellow	No Odor
11:31	5	160	6.96	1.26	7.88	5.15	23.80	1.49	4.9	157.0	Yellow	No Odor
11:36	5	160	6.96	1.47	7.88	5.15	16.60	1.51	5.1	157.4	Yellow	No Odor
11:41	5	160	6.96	1.68	7.87	5.17	17.90	1.50	5.0	158.5	Yellow	No Odor
11:46	5	160	6.95	1.89	7.87	5.14	17.20	1.54	5.1	158.9	Yellow	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	PW-16-01			Date	2-21-22
Project Name/Location		Ford LTP		Weather	37.9 degrees F and Mostly Cloudy. The wind is blowing E/NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.7-19.7	Casing Diameter (in.)	6	Well Material	PVC
Static Water Level (ft-bmp)	8.20	Total Depth (ft-bmp)	21.65	Water Column (ft.)	13.45	Gallons in Well	19.67
		Pump Intake (ft-bmp)	14.70	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.12				
Sample Time: Label	12:15	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Samantha Hindle
Purge Start	11:18						
Purge End	12:19						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	180	8.20	0.00	7.43	5.90	71.30	0.91	11.2	136.0	Clear, Yellow	No Odor
11:25	5	180	8.10	0.24	7.29	5.88	61.70	0.77	11.5	113.2	Small Orange Particulates, Yellow	No Odor
11:30	5	180	8.10	0.48	7.23	0.39	46.50	0.36	11.4	87.5	Yellow	No Odor
11:35	5	180	8.10	0.72	7.23	5.87	42.60	0.34	11.3	82.3	Yellow	No Odor
11:40	5	180	8.10	0.96	7.23	5.86	40.00	0.25	11.4	73.9	Small Orange Particulates, Turbid	No Odor
11:45	5	180	8.10	1.20	7.23	5.86	40.00	0.20	11.4	69.0	Yellow	No Odor
11:50	5	180	8.10	1.44	7.24	5.87	37.50	0.16	11.7	59.2	Clear, Small Orange Particulates	No Odor
11:55	5	180	8.10	1.68	7.24	5.87	41.90	0.15	11.6	56.8	Clear, Small Orange Particulates	No Odor
12:00	5	180	8.10	1.92	7.24	5.86	35.80	0.12	11.3	52.9	Clear	No Odor
12:05	5	180	8.10	2.16	7.25	5.87	34.20	0.13	11.2	50.5	Clear, Small White Particulates	No Odor
12:10	5	180	8.10	2.40	7.24	5.86	34.10	0.23	11.2	47.8	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-88S			Date	2-8-22
Project Name/Location		Ford LTP		Weather	24.1 degrees F and Haze. The wind is blowing S/SW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.33	Total Depth (ft-bmp)	12.85	Water Column (ft.)	5.52	Gallons in Well	0.90
		Pump Intake (ft-bmp)	8.83	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.67				
Sample Time: Label	15:46	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:43						
Purge End	15:56						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:45	0	150	7.38	0.00	7.65	0.44	6.83	1.67	9.9	103.9	Clear	No Odor
14:50	5	150	7.38	0.20	7.65	0.42	5.86	0.72	9.9	87.6	Clear	No Odor
14:55	5	150	7.38	0.40	7.63	0.42	4.37	0.55	10.9	66.1	Clear	No Odor
15:00	5	150	7.38	0.60	7.63	0.41	4.47	0.56	10.0	41.3	Clear	No Odor
15:05	5	150	7.38	0.80	7.65	0.39	3.92	0.46	10.2	22.4	Clear	No Odor
15:10	5	150	7.38	1.00	7.66	0.38	3.01	0.49	10.2	4.5	Clear	No Odor
15:15	5	150	7.38	1.20	7.67	0.38	3.50	0.80	10.1	-13.1	Clear	No Odor
15:20	5	150	7.38	1.40	7.68	0.37	2.13	0.67	10.1	-24.6	Clear	No Odor
15:25	5	150	7.38	1.60	7.71	0.37	2.41	0.54	10.3	-34.9	Clear	No Odor
15:30	5	150	7.38	1.80	7.73	0.37	0.02	0.49	10.3	-43.9	Clear	No Odor
15:35	5	150	7.38	2.00	7.75	0.37	1.22	0.52	10.3	-49.8	Clear	No Odor
15:40	5	150	7.38	2.20	7.78	0.37	1.66	0.49	10.3	-57.0	Clear	No Odor
15:45	5	150	7.38	2.40	7.80	0.36	0.32	0.46	10.5	-63.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34965 Wadsworth; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-89S			Date	2-11-22
Project Name/Location		Ford LTP		Weather	36.0 degrees F and Light Rain.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.50	Total Depth (ft-bmp)	12.61	Water Column (ft.)	8.11	Gallons in Well	1.32
		Pump Intake (ft-bmp)	6.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.98				
Sample Time: Label	10:18	Volume Purged	1.3 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	9:23						
Purge End	10:26						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:25	0	100	4.50	0.00	7.21	2.72	19.40	1.18	7.4	180.2	Clear, Small Orange Particulates	No Odor
9:30	5	100	4.50	0.13	7.21	3.84	24.20	0.44	7.5	173.7	Clear, Small Orange Particulates	No Odor
9:35	5	100	4.50	0.26	7.26	4.69	20.30	0.27	7.7	143.3	Clear, Small Orange Particulates	No Odor
9:40	5	100	4.50	0.39	7.27	4.69	7.77	0.29	7.6	107.0	Clear, Small Orange Particulates	No Odor
9:45	5	100	4.50	0.52	7.25	4.97	3.03	0.28	7.6	74.3	Clear, Small Orange Particulates	No Odor
9:50	5	100	4.50	0.65	7.26	5.07	2.51	0.29	7.6	50.7	Clear	No Odor
9:55	5	100	4.50	0.78	7.26	5.09	0.02	0.33	7.6	28.4	Clear	No Odor
10:00	5	100	4.51	0.91	7.26	5.10	0.06	0.35	7.6	9.4	Clear	No Odor
10:05	5	100	4.51	1.04	7.26	5.16	1.03	0.33	7.5	-2.5	Clear	No Odor
10:10	5	100	4.51	1.17	7.26	5.14	0.99	0.33	7.5	-8.4	Clear	No Odor
10:15	5	100	4.51	1.30	7.27	5.14	0.56	0.34	7.6	-12.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34940 Beacon; backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-90S			Date	3-1-22
Project Name/Location	Ford LTP			Weather	43.0 degrees F and Cloudy. The wind is blowing W/SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.89	Total Depth (ft-bmp)	12.14	Water Column (ft.)	9.25	Gallons in Well	1.50
		Pump Intake (ft-bmp)	4.39	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.84				
Sample Time: Label	12:46	Volume Purged	1.26 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:07						
Purge End	13:57						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:10	0	135	3.05	0.00	7.11	0.97	3.74	4.39	4.6	102.9	Clear	No Odor
12:15	5	135	3.17	0.18	7.11	0.97	4.09	2.85	4.6	93.1	Clear	No Odor
12:20	5	135	3.32	0.36	7.10	0.98	4.34	2.13	5.0	86.0	Clear	No Odor
12:25	5	135	3.47	0.54	7.10	0.99	4.53	1.68	5.0	81.1	Clear	No Odor
12:30	5	135	3.60	0.72	7.10	1.00	3.94	1.55	5.0	78.6	Clear	No Odor
12:35	5	135	3.70	0.90	7.09	1.00	3.65	1.42	4.9	77.3	Clear	No Odor
12:40	5	135	3.83	1.08	7.09	1.00	3.84	1.39	5.0	77.3	Clear	No Odor
12:45	5	135	3.94	1.26	7.08	1.03	4.60	1.50	5.0	77.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	34380 Capitol; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-91S			Date	2-21-22
Project Name/Location	Ford LTP			Weather	33.1 degrees F and Cloudy. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.00	Total Depth (ft-bmp)	11.98	Water Column (ft.)	6.98	Gallons in Well	1.13
		Pump Intake (ft-bmp)	6.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.38				
Sample Time: Label	10:10	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	9:03						
Purge End	10:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:05	0	100	5.00	0.00	7.07	0.74	113.00	2.50	8.0	145.6	Cloudy	No Odor
9:10	5	100	5.00	0.13	7.19	0.59	107.00	2.45	7.1	130.8	Cloudy	No Odor
9:15	5	100	5.00	0.26	7.20	0.62	62.50	1.64	7.1	126.0	Cloudy	No Odor
9:20	5	100	5.00	0.39	7.20	0.67	41.50	1.66	7.0	121.1	Clear, Cloudy	No Odor
9:25	5	100	5.00	0.52	7.20	0.74	35.10	1.28	7.3	108.4	Clear	No Odor
9:30	5	100	5.00	0.65	7.21	0.75	30.70	1.30	7.3	96.2	Clear	No Odor
9:35	5	100	5.00	0.78	7.21	0.78	29.00	1.22	7.2	74.0	Clear	No Odor
9:40	5	100	5.00	0.91	7.22	0.81	26.30	0.94	7.3	59.1	Clear	No Odor
9:45	5	100	5.01	1.04	7.22	0.83	18.10	0.83	7.3	46.4	Clear	No Odor
9:50	5	100	5.01	1.17	7.23	0.86	20.10	0.80	7.4	36.8	Clear	No Odor
9:55	5	100	5.01	1.30	7.24	0.89	18.30	0.74	7.6	26.2	Clear	No Odor
10:00	5	100	5.01	1.43	7.25	0.90	16.20	0.71	7.6	11.1	Clear	No Odor
10:05	5	100	5.01	1.56	7.25	0.90	17.60	0.79	7.7	1.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	12034 Brewster; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-92S			Date	2-21-22
Project Name/Location		Ford LTP		Weather	37.9 degrees F and Mostly Cloudy. The wind is blowing E/NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.25	Total Depth (ft-bmp)	12.07	Water Column (ft.)	6.82	Gallons in Well	1.11
		Pump Intake (ft-bmp)	6.75	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	35.68				
Sample Time: Label	11:40	Volume Purged	39.6 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	10:31						
Purge End	11:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:35	0	100	5.25	0.00	7.39	0.46	5.47	2.17	8.2	24.3	Clear	No Odor
10:40	5	100	5.25	0.13	7.39	0.46	4.89	2.15	8.2	25.2	Clear	No Odor
10:45	1440	100	5.25	38.30	7.37	0.45	0.02	2.52	8.1	29.5	Clear	No Odor
10:50	5	100	5.25	38.43	7.37	0.46	3.61	2.19	8.1	31.7	Clear	No Odor
10:55	5	100	5.25	38.56	7.37	0.46	2.09	1.72	8.2	31.9	Clear	No Odor
11:00	5	100	5.25	38.69	7.38	0.48	3.02	1.44	8.4	34.5	Clear	No Odor
11:05	5	100	5.25	38.82	7.37	0.52	2.98	1.16	8.4	36.4	Clear	No Odor
11:10	5	100	5.25	38.95	7.37	0.53	1.82	1.11	8.4	38.6	Clear	No Odor
11:15	5	100	5.25	39.08	7.38	0.55	1.05	1.05	8.4	39.0	Clear	No Odor
11:20	5	100	5.26	39.21	7.38	0.56	0.29	1.00	8.5	39.0	Clear	No Odor
11:25	5	100	5.25	39.34	7.38	0.58	1.59	0.98	8.6	38.7	Clear	No Odor
11:30	5	100	5.26	39.47	7.38	0.60	1.46	0.98	8.6	37.8	Clear	No Odor
11:35	5	100	5.26	39.60	7.38	0.62	0.98	0.99	8.6	36.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12036 Brewster; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-93S			Date	2-15-22
Project Name/Location		Ford LTP		Weather	25.0 degrees F and Mostly Cloudy. The wind is blowing S/SE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.12	Total Depth (ft-bmp)	12.00	Water Column (ft.)	5.88	Gallons in Well	0.96
		Pump Intake (ft-bmp)	7.62	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.50				
Sample Time: Label	15:36	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:33						
Purge End	15:47						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:35	0	150	6.13	0.00	7.76	0.42	3.87	3.09	7.2	62.8	Clear	No Odor
14:40	5	150	6.13	0.20	7.77	0.44	2.66	1.22	7.5	64.1	Clear	No Odor
14:45	5	150	6.13	0.40	7.79	0.46	1.95	0.81	7.4	63.5	Clear	No Odor
14:50	5	150	6.13	0.60	7.79	0.48	1.82	0.67	7.5	63.1	Clear	No Odor
14:55	5	150	6.13	0.80	7.80	0.50	1.38	0.55	7.4	60.9	Clear	No Odor
15:00	5	150	6.13	1.00	7.79	0.52	1.37	0.54	7.4	59.5	Clear	No Odor
15:05	5	150	6.13	1.20	7.79	0.54	1.51	1.00	7.4	53.8	Clear	No Odor
15:10	5	150	6.13	1.40	7.79	0.55	0.79	0.83	7.5	49.8	Clear	No Odor
15:15	5	150	6.13	1.60	7.79	0.56	0.97	0.57	7.5	43.2	Clear	No Odor
15:20	5	150	6.13	1.80	7.79	0.57	0.85	0.51	7.4	35.6	Clear	No Odor
15:25	5	150	6.13	2.00	7.79	0.58	0.51	0.50	7.4	28.7	Clear	No Odor
15:30	5	150	6.13	2.20	7.79	0.58	0.21	0.53	7.5	20.8	Clear	No Odor
15:35	5	150	6.13	2.40	7.79	0.58	0.12	0.52	7.5	18.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	11775 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-94S			Date	2-14-22
Project Name/Location		Ford LTP		Weather	18.0 degrees F and Mostly Cloudy. The wind is blowing S at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.28	Total Depth (ft-bmp)	12.28	Water Column (ft.)	6.00	Gallons in Well	0.97
		Pump Intake (ft-bmp)	7.78	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.80				
Sample Time: Label	14:45	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	14:08						
Purge End	14:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:10	0	100	6.28	0.00	7.51	0.70	0.02	1.66	9.1	131.5	Clear	No Odor
14:15	5	100	6.28	0.13	7.48	0.71	0.02	0.72	9.5	132.6	Clear	No Odor
14:20	5	100	6.28	0.26	7.45	0.71	0.02	0.68	9.3	131.2	Clear	No Odor
14:25	5	100	6.28	0.39	7.45	0.71	0.02	0.58	9.4	130.2	Clear	No Odor
14:30	5	100	6.28	0.52	7.45	0.71	0.02	0.50	9.4	129.5	Clear	No Odor
14:35	5	100	6.28	0.65	7.46	0.71	0.02	0.49	9.5	128.0	Clear	No Odor
14:40	5	100	6.28	0.78	7.44	0.71	0.02	0.51	9.4	127.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	11680 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-95S			Date	2-21-22
Project Name/Location		Ford LTP		Weather	39.9 degrees F and Mostly Cloudy. The wind is blowing E/NE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.27	Total Depth (ft-bmp)	12.00	Water Column (ft.)	8.73	Gallons in Well	1.42
		Pump Intake (ft-bmp)	4.77	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.72				
Sample Time: Label	12:21	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:47						
Purge End	12:29						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:50	0	130	3.30	0.00	7.09	3.61	11.80	1.81	7.5	51.3	Clear, Small White Particulates	No Odor
11:55	5	130	3.30	0.17	7.12	3.31	6.84	1.95	7.4	27.6	Clear, Small White Particulates	No Odor
12:00	5	130	3.30	0.34	7.12	3.16	6.34	2.92	7.3	12.7	Clear, Small White Particulates	No Odor
12:05	5	130	3.30	0.51	7.14	3.07	4.92	4.20	7.1	2.6	Clear, Small White Particulates	No Odor
12:10	5	130	3.30	0.68	7.14	3.06	3.57	4.40	7.0	-1.4	Clear	No Odor
12:15	5	130	3.30	0.85	7.15	3.05	2.98	4.42	7.0	-4.3	Clear	No Odor
12:20	5	130	3.30	1.02	7.15	3.03	2.06	4.50	7.1	-7.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12131 Boston Post; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-103S			Date	3-1-22
Project Name/Location		Ford LTP		Weather	51.1 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.75	Total Depth (ft-bmp)	6.72	Water Column (ft.)	3.97	Gallons in Well	0.65
		Pump Intake (ft-bmp)	4.25	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.94				
Sample Time: Label	14:11	Volume Purged	1.26 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:33						
Purge End	14:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:35	0	135	2.78	0.00	7.22	1.00	4.44	2.77	5.6	95.0	Clear	No Odor
13:40	5	135	2.78	0.18	7.23	0.99	1.95	1.26	5.6	77.6	Clear	No Odor
13:45	5	135	2.78	0.36	7.24	0.98	1.49	0.65	5.7	47.3	Clear	No Odor
13:50	5	135	2.78	0.54	7.24	0.97	2.67	0.50	5.6	34.1	Clear	No Odor
13:55	5	135	2.78	0.72	7.25	0.96	1.55	0.48	5.5	26.4	Clear	No Odor
14:00	5	135	2.78	0.90	7.25	0.96	1.75	0.44	5.5	19.0	Clear	No Odor
14:05	5	135	2.78	1.08	7.26	0.96	0.77	0.43	5.6	15.0	Clear	No Odor
14:10	5	135	2.78	1.26	7.27	0.96	0.67	0.34	5.6	14.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34424 Capitol; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-104S			Date	2-8-22
Project Name/Location		Ford LTP		Weather	21.9 degrees F and Haze. The wind is blowing SW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.32	Total Depth (ft-bmp)	14.18	Water Column (ft.)	2.86	Gallons in Well	0.46
		Pump Intake (ft-bmp)	12.82	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.61				
Sample Time: Label	11:51	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:17						
Purge End	12:03						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	150	11.40	0.00	8.15	0.26	8.95	8.04	10.0	85.8	Clear	No Odor
11:25	5	150	11.41	0.20	8.17	0.25	2.93	7.49	10.1	82.0	Clear	No Odor
11:30	5	150	11.41	0.40	8.20	0.25	2.17	7.35	10.0	81.6	Clear	No Odor
11:35	5	150	11.41	0.60	8.19	0.25	2.17	7.22	10.1	81.0	Clear	No Odor
11:40	5	150	11.41	0.80	8.21	0.25	2.04	7.05	10.1	80.6	Clear	No Odor
11:45	5	150	11.42	1.00	8.21	0.25	2.56	6.98	10.2	80.0	Clear	No Odor
11:50	5	150	11.42	1.20	8.21	0.25	0.07	6.90	10.1	79.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34900 Standish; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-109S			Date	2-10-22
Project Name/Location		Ford LTP		Weather		33F cloudy	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.33	Total Depth (ft-bmp)	12.31	Water Column (ft.)	5.98	Gallons in Well	0.97
		Pump Intake (ft-bmp)	7.83	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.07				
Sample Time: Label	11:37	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	10:53						
Purge End	11:42						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:55	0	100	6.33	0.00	7.65	0.22	24.80	1.60	7.6	19.2	Clear	No Odor
11:00	5	100	6.33	0.13	7.44	0.20	21.30	1.29	8.6	22.6	Clear	No Odor
11:05	5	100	6.33	0.26	7.41	0.29	7.19	0.96	8.9	32.7	Clear	No Odor
11:10	5	100	6.33	0.39	7.48	0.61	1.54	0.88	9.1	30.6	Clear	No Odor
11:15	5	100	6.33	0.52	7.41	1.09	2.42	0.68	9.2	34.7	Clear	No Odor
11:20	5	100	6.33	0.65	7.38	1.33	2.56	0.63	9.2	33.0	Clear	No Odor
11:25	5	100	6.33	0.78	7.35	1.57	0.02	0.62	9.1	30.7	Clear	No Odor
11:30	5	100	6.34	0.91	7.34	1.59	1.05	0.60	9.1	29.5	Clear	No Odor
11:35	5	100	6.34	1.04	7.34	1.61	0.05	0.59	9.2	28.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34990 Beacon; Side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-110S			Date	2-7-22
Project Name/Location		Ford LTP		Weather	30.9 degrees F and Cloudy. The wind is blowing W/SW at 17.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.91	Total Depth (ft-bmp)	12.63	Water Column (ft.)	2.72	Gallons in Well	0.44
		Pump Intake (ft-bmp)	11.41	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.70				
Sample Time: Label	14:31	Volume Purged	1.19 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:53						
Purge End	14:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:55	0	125	9.98	0.00	7.84	0.41	0.02	8.17	10.3	71.9	Clear	No Odor
14:00	5	125	9.99	0.17	7.85	0.40	3.69	7.58	10.1	67.1	Clear	No Odor
14:05	5	125	10.00	0.34	7.85	0.40	2.42	7.32	10.1	65.0	Clear	No Odor
14:10	5	125	10.00	0.51	7.85	0.40	1.65	7.36	10.1	65.0	Clear	No Odor
14:15	5	125	10.00	0.68	7.85	0.40	1.37	7.23	10.0	63.6	Clear	No Odor
14:20	5	125	10.00	0.85	7.85	0.40	3.59	7.22	9.9	62.6	Clear	No Odor
14:25	5	125	10.00	1.02	7.85	0.40	2.98	7.28	10.0	62.4	Clear	No Odor
14:30	5	125	10.00	1.19	7.85	0.40	1.72	7.23	10.0	61.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34850 Standish; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-111S			Date	2-15-22
Project Name/Location		Ford LTP		Weather	23.0 degrees F and Mostly Clear. The wind is blowing SE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.42	Total Depth (ft-bmp)	12.75	Water Column (ft.)	4.33	Gallons in Well	0.70
		Pump Intake (ft-bmp)	9.92	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.37				
Sample Time: Label	11:45	Volume Purged	0.96 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	11:13						
Purge End	11:51						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:15	0	120	8.40	0.00	7.75	0.47	4.82	2.20	9.2	-16.2	Clear	No Odor
11:20	5	120	8.40	0.16	7.76	0.47	3.81	0.83	9.5	-27.9	Clear	No Odor
11:25	5	120	8.80	0.32	7.75	0.44	0.02	0.57	9.5	-31.7	Clear	No Odor
11:30	5	120	8.80	0.48	7.70	0.42	0.02	0.60	9.5	-33.3	Clear	No Odor
11:35	5	120	8.70	0.64	7.69	0.42	0.02	0.65	9.4	-33.9	Clear	No Odor
11:40	5	120	8.60	0.80	7.68	0.42	0.02	0.69	9.5	-34.6	Clear	No Odor
11:45	5	120	8.60	0.96	7.67	0.41	0.02	0.70	9.5	-34.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12051 Stark; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-112S			Date	2-10-22
Project Name/Location		Ford LTP		Weather	33.1 degrees F and Cloudy. The wind is blowing W at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.86	Total Depth (ft-bmp)	11.65	Water Column (ft.)	3.79	Gallons in Well	0.62
		Pump Intake (ft-bmp)	9.36	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.58				
Sample Time: Label	10:06	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:22						
Purge End	10:13						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:25	0	150	7.89	0.00	7.12	0.66	9.86	6.68	9.6	140.3	Clear, Small Orange Particulates	No Odor
9:30	5	150	7.90	0.20	7.17	0.62	17.10	5.66	9.6	135.8	Clear, Small Orange Particulates	No Odor
9:35	5	150	7.90	0.40	7.20	0.61	15.90	7.14	9.6	134.8	Clear, Small Orange Particulates	No Odor
9:40	5	150	7.90	0.60	7.22	0.60	9.49	6.99	9.6	133.5	Clear, Small Orange Particulates	No Odor
9:45	5	150	7.90	0.80	7.25	0.60	6.91	6.92	9.5	132.4	Clear	No Odor
9:50	5	150	7.90	1.00	7.25	0.60	7.21	6.70	9.5	131.7	Clear	No Odor
9:55	5	150	7.90	1.20	7.25	0.60	4.19	6.69	9.5	131.5	Clear	No Odor
10:00	5	150	7.90	1.40	7.29	0.60	3.24	6.54	9.6	130.9	Clear	No Odor
10:05	5	150	7.90	1.60	7.29	0.60	2.16	6.40	9.5	130.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Private property: 34935 Wadsworth, front yard,next to fence gate	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-115S			Date	2-23-22
Project Name/Location		Ford LTP		Weather	26.1 degrees F and Light Snow.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.50	Total Depth (ft-bmp)	12.50	Water Column (ft.)	9.00	Gallons in Well	1.46
		Pump Intake (ft-bmp)	5.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.11				
Sample Time: Label	11:16	Volume Purged	1.62 gallons	Replicate/Code No.	DUP-09	Sampled by	Gary Schafer
Purge Start	10:27						
Purge End	11:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	135	3.52	0.00	7.41	1.87	9.66	1.53	7.6	6.2	Clear	No Odor
10:35	5	135	3.52	0.18	7.43	1.82	8.14	0.63	7.4	-7.1	Clear, Small Orange Particulates	No Odor
10:40	5	135	3.52	0.36	7.44	1.83	10.40	0.43	7.4	-14.9	Clear, Small Orange Particulates	No Odor
10:45	5	135	3.52	0.54	7.44	1.86	9.33	0.37	7.4	-20.5	Clear, Small Orange Particulates	No Odor
10:50	5	135	3.52	0.72	7.44	1.89	7.01	0.33	7.5	-24.8	Clear, Small Orange Particulates	No Odor
10:55	5	135	3.52	0.90	7.44	1.91	8.49	0.30	7.5	-28.5	Clear	No Odor
11:00	5	135	3.52	1.08	7.44	1.95	6.82	0.34	7.5	-32.0	Clear	No Odor
11:05	5	135	3.52	1.26	7.44	1.96	4.74	0.30	7.5	-34.2	Clear	No Odor
11:10	5	135	3.52	1.44	7.44	1.97	4.43	0.28	7.5	-36.5	Clear	No Odor
11:15	5	135	3.52	1.62	7.44	1.97	3.54	0.27	7.6	-38.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12070 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-116S			Date	2-10-22
Project Name/Location		Ford LTP		Weather	32.0 degrees F and Cloudy and Windy. The wind is blowing W at 19.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.00	Total Depth (ft-bmp)	12.80	Water Column (ft.)	3.80	Gallons in Well	0.62
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.23				
Sample Time: Label	14:11	Volume Purged	2 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:17						
Purge End	14:19						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	150	9.05	0.00	7.73	0.21	28.40	10.59	9.6	84.2	Clear	No Odor
13:25	5	150	9.05	0.20	7.78	0.21	13.80	7.26	9.5	74.8	Clear, Small Black Particulates	No Odor
13:30	5	150	9.05	0.40	7.81	0.21	10.70	6.27	9.4	72.1	Clear, Small Black Particulates	No Odor
13:35	5	150	9.05	0.60	7.83	0.21	11.20	5.72	9.4	69.5	Clear, Small Black Particulates	No Odor
13:40	5	150	9.05	0.80	7.85	0.21	6.37	5.20	9.6	68.9	Clear	No Odor
13:45	5	150	9.05	1.00	7.87	0.21	5.27	4.71	9.6	68.8	Clear	No Odor
13:50	5	150	9.05	1.20	7.87	0.21	4.45	4.68	9.5	67.7	Clear	No Odor
13:55	5	150	9.05	1.40	7.92	0.21	1.97	3.77	9.5	68.3	Clear	No Odor
14:00	5	150	9.05	1.60	7.94	0.22	0.55	3.48	9.4	68.3	Clear	No Odor
14:05	5	150	9.05	1.80	7.96	0.22	0.88	3.24	9.4	68.1	Clear	No Odor
14:10	5	150	9.05	2.00	7.97	0.22	1.24	3.22	9.4	69.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Private property:34851 Wadsworth, back yard, next to deck	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-117S			Date	2-21-22
Project Name/Location	Ford LTP			Weather	46.9 degrees F and Mostly Cloudy. The wind is blowing SE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.05	Total Depth (ft-bmp)	12.40	Water Column (ft.)	7.35	Gallons in Well	1.19
		Pump Intake (ft-bmp)	6.55	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.71				
Sample Time: Label	16:21	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	15:17						
Purge End	16:29						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:20	0	125	6.05	0.00	7.42	1.77	33.60	1.90	9.0	-26.5	Small Orange Particulates, Turbid	No Odor
15:25	5	125	6.05	0.17	7.43	1.76	34.70	0.62	9.0	-33.3	Small Orange Particulates, Turbid	No Odor
15:30	5	125	6.05	0.34	7.44	1.75	22.40	0.42	9.0	-37.2	Small Orange Particulates, Turbid	No Odor
15:35	5	125	6.05	0.51	7.45	1.74	23.30	0.36	9.0	-39.4	Small Orange Particulates, Turbid	No Odor
15:40	5	125	6.05	0.68	7.45	1.73	19.20	0.38	9.0	-40.8	Small Orange Particulates, Turbid	No Odor
15:45	5	125	6.05	0.85	7.45	1.74	16.70	0.29	9.0	-41.4	Clear, Small Orange Particulates	No Odor
15:50	5	125	6.05	1.02	7.45	1.47	14.50	27.00	9.0	-41.2	Clear, Small Orange Particulates	No Odor
15:55	5	125	6.05	1.19	7.45	1.79	6.22	0.28	9.1	-41.8	Clear	No Odor
16:00	5	125	6.05	1.36	7.43	1.83	5.53	0.27	9.1	-44.2	Clear	No Odor
16:05	5	125	6.05	1.53	7.43	1.80	5.01	0.26	9.1	-44.5	Clear	No Odor
16:10	5	125	6.05	1.70	7.43	1.88	3.75	0.25	9.1	-45.8	Clear	No Odor
16:15	5	125	6.05	1.87	7.42	1.89	2.40	0.24	9.2	-47.2	Clear	No Odor
16:20	5	125	6.05	2.04	7.43	1.90	1.43	0.24	9.2	-42.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12089 Boston Post; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-118S			Date	2-21-22
Project Name/Location		Ford LTP		Weather	45.0 degrees F and Mostly Cloudy. The wind is blowing E at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.68	Total Depth (ft-bmp)	12.40	Water Column (ft.)	7.72	Gallons in Well	1.25
		Pump Intake (ft-bmp)	6.18	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.63				
Sample Time: Label	14:41	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:37						
Purge End	14:49						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:40	0	125	4.70	0.00	7.34	0.54	5.46	4.44	8.4	5.4	Clear	No Odor
13:45	5	125	4.70	0.17	7.33	0.52	5.94	3.04	8.5	13.6	Clear	No Odor
13:50	5	125	4.70	0.34	7.33	0.53	5.14	2.73	8.5	19.9	Clear	No Odor
13:55	5	125	4.70	0.51	7.33	0.53	4.37	2.70	8.4	22.0	Clear	No Odor
14:00	5	125	4.70	0.68	7.32	0.58	3.08	2.52	8.4	31.3	Clear	No Odor
14:05	5	125	4.70	0.85	7.31	0.64	1.89	2.09	8.4	34.4	Clear	No Odor
14:10	5	125	4.70	1.02	7.31	0.69	1.19	2.07	8.4	37.4	Clear	No Odor
14:15	5	125	4.70	1.19	7.30	0.75	1.09	1.70	8.4	39.3	Clear	No Odor
14:20	5	125	4.70	1.36	7.29	0.82	1.65	1.50	8.5	40.3	Clear	No Odor
14:25	5	125	4.70	1.53	7.30	0.89	1.04	1.48	8.4	41.9	Clear	No Odor
14:30	5	125	4.70	1.70	7.28	0.90	0.88	1.36	8.4	43.1	Clear	No Odor
14:35	5	125	4.70	1.87	7.27	1.06	0.31	1.20	8.4	43.2	Clear	No Odor
14:40	5	125	4.70	2.04	7.27	1.13	0.21	1.27	8.4	42.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

4 inches of water covering casing, bailed out water before opening j- plug

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12124 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-119S			Date	2-17-22
Project Name/Location	Ford LTP			Weather	33.1 degrees F and Light Rain and Light Snow and Fog/Mist. The wind is blowing N/NE at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.83	Total Depth (ft-bmp)	12.30	Water Column (ft.)	8.47	Gallons in Well	1.38
		Pump Intake (ft-bmp)	5.33	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.48				
Sample Time: Label	12:21	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:17						
Purge End	12:29						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	125	3.85	0.00	7.53	1.08	0.08	2.48	6.6	74.4	Clear	No Odor
11:25	5	125	3.85	0.17	7.53	1.09	1.23	0.66	6.6	61.0	Clear	No Odor
11:30	5	125	3.85	0.34	7.53	1.18	1.46	0.51	6.7	55.9	Clear	No Odor
11:35	5	125	3.85	0.51	7.52	1.34	1.76	0.39	6.9	48.1	Clear	No Odor
11:40	5	125	3.85	0.68	7.52	1.42	1.54	0.37	6.8	44.4	Clear	No Odor
11:45	5	125	3.85	0.85	7.51	1.55	0.02	0.33	7.0	37.7	Clear	No Odor
11:50	5	125	3.85	1.02	7.51	1.60	0.14	0.35	6.9	30.6	Clear	No Odor
11:55	5	125	3.85	1.19	7.51	1.66	0.02	0.34	6.9	20.8	Clear	No Odor
12:00	5	125	3.85	1.36	7.51	1.70	0.02	0.31	6.9	11.0	Clear	No Odor
12:05	5	125	3.85	1.53	7.51	1.71	0.02	0.31	6.9	0.2	Clear	No Odor
12:10	5	125	3.85	1.70	7.51	1.72	0.02	0.32	6.9	-1.1	Clear	No Odor
12:15	5	125	3.85	1.87	7.51	1.78	0.02	0.31	6.9	-16.1	Clear	No Odor
12:20	5	125	3.85	2.04	7.51	1.77	0.02	0.31	6.9	-21.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12034 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-121S			Date	2-16-22
Project Name/Location	Ford LTP			Weather	48.9 degrees F and Cloudy and Windy. The wind is blowing S/SW at 19.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.50	Total Depth (ft-bmp)	12.05	Water Column (ft.)	5.55	Gallons in Well	0.90
		Pump Intake (ft-bmp)	8.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.22				
Sample Time: Label	16:26	Volume Purged	2 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	15:33						
Purge End	16:34						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:35	0	150	6.50	0.00	7.60	0.70	49.10	2.05	9.2	65.5	Cloudy, Small Brown Particulates	No Odor
15:40	5	150	6.50	0.20	7.59	0.69	35.70	0.90	9.3	59.7	Cloudy, Small Brown Particulates	No Odor
15:45	5	150	6.50	0.40	7.59	0.68	23.90	0.58	9.3	53.1	Clear, Small Brown Particulates	No Odor
15:50	5	150	6.50	0.60	7.59	0.67	18.90	0.54	9.3	47.7	Clear, Small Brown Particulates	No Odor
15:55	5	150	6.50	0.80	7.59	0.67	17.60	0.46	9.3	42.8	Clear, Small Brown Particulates	No Odor
16:00	5	150	6.50	1.00	7.59	0.67	11.50	0.42	9.2	39.0	Clear	No Odor
16:05	5	150	6.50	1.20	7.58	0.66	8.54	0.44	9.3	35.1	Clear	No Odor
16:10	5	150	6.50	1.40	7.58	0.66	5.28	0.45	9.4	33.0	Clear	No Odor
16:15	5	150	6.50	1.60	7.58	0.66	4.53	0.38	9.4	31.0	Clear	No Odor
16:20	5	150	6.50	1.80	7.58	0.66	3.49	0.33	9.4	29.3	Clear	No Odor
16:25	5	150	6.50	2.00	7.58	0.66	2.38	0.28	9.4	27.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	11710 Boston Post; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-123S			Date	2-24-22
Project Name/Location		Ford LTP		Weather	21.0 degrees F and Cloudy. The wind is blowing NE at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.62	Total Depth (ft-bmp)	11.05	Water Column (ft.)	9.43	Gallons in Well	1.53
		Pump Intake (ft-bmp)	3.12	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.02				
Sample Time: Label	11:00	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	9:52						
Purge End	11:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:55	0	100	1.53	0.00	6.88	2.48	39.00	3.21	3.1	103.7	Clear	No Odor
10:00	5	100	1.53	0.13	6.94	2.65	23.40	3.20	2.8	66.8	Clear	No Odor
10:05	5	100	1.53	0.26	7.00	2.60	24.10	1.60	2.4	32.4	Clear	No Odor
10:10	5	100	1.53	0.39	7.02	2.56	16.00	1.24	2.4	19.4	Clear	No Odor
10:15	5	100	1.53	0.52	7.03	2.53	13.10	1.20	2.3	11.4	Clear	No Odor
10:20	5	100	1.53	0.65	7.04	2.49	11.20	1.25	2.2	-2.2	Clear	No Odor
10:25	5	100	1.53	0.78	7.04	2.45	10.40	1.27	2.3	-11.4	Clear	No Odor
10:30	5	100	1.54	0.91	7.04	2.43	11.00	0.69	2.4	-18.1	Clear	No Odor
10:35	5	100	1.54	1.04	7.04	2.42	8.28	0.50	2.4	-24.7	Clear	No Odor
10:40	5	100	1.54	1.17	7.04	2.41	10.30	0.42	2.3	-29.0	Clear	No Odor
10:45	5	100	1.54	1.30	7.04	2.40	11.70	0.52	2.2	-31.3	Clear	No Odor
10:50	5	100	1.54	1.43	7.04	2.38	8.32	0.53	1.6	-34.1	Clear	No Odor
10:55	5	100	1.54	1.56	7.04	2.37	7.89	0.38	1.9	-35.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Vault full of ice

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12075 Brewster; side yard	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-126S			Date	2-7-22
Project Name/Location		Ford LTP		Weather	25.0 degrees F and Cloudy. The wind is blowing S/SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.20	Total Depth (ft-bmp)	12.76	Water Column (ft.)	3.56	Gallons in Well	0.58
		Pump Intake (ft-bmp)	10.70	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.05				
Sample Time: Label	10:51	Volume Purged	1.19 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:12						
Purge End	11:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	125	9.23	0.00	6.85	0.47	12.00	1.01	10.5	3.8	Clear	No Odor
10:20	5	125	9.23	0.17	6.96	0.42	8.11	0.70	10.5	-29.0	Clear	No Odor
10:25	5	125	9.23	0.34	7.05	0.36	3.46	0.52	10.3	-44.7	Clear	No Odor
10:30	5	125	9.23	0.51	7.09	0.35	2.28	0.48	10.3	-51.9	Clear	No Odor
10:35	5	125	9.23	0.68	7.14	0.33	2.34	0.48	10.4	-58.9	Clear	No Odor
10:40	5	125	9.23	0.85	7.18	0.32	1.43	0.47	10.3	-64.5	Clear	No Odor
10:45	5	125	9.23	1.02	7.19	0.32	1.57	0.45	10.3	-67.9	Clear	No Odor
10:50	5	125	9.23	1.19	7.20	0.31	2.00	0.49	10.4	-70.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34966 Standish; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-127S			Date	2-23-22
Project Name/Location		Ford LTP		Weather	26.1 degrees F and Light Snow.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.26	Total Depth (ft-bmp)	12.36	Water Column (ft.)	11.10	Gallons in Well	1.80
		Pump Intake (ft-bmp)	2.76	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.87				
Sample Time: Label	12:45	Volume Purged	1.56 gallons	Replicate/Code No.	DUP-11	Sampled by	Dominic Harmon
Purge Start	11:38						
Purge End	12:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:40	0	100	1.26	0.00	6.89	0.95	29.00	0.89	3.6	120.1	Clear	No Odor
11:45	5	100	1.26	0.13	6.89	1.05	28.40	0.47	4.0	118.5	Clear	No Odor
11:50	5	100	1.36	0.26	6.91	1.50	23.40	0.27	4.9	106.9	Clear	No Odor
11:55	5	100	1.36	0.39	6.96	1.66	21.10	0.20	5.2	81.2	Clear	No Odor
12:00	5	100	1.36	0.52	6.98	1.73	20.00	0.20	5.1	54.6	Clear	No Odor
12:05	5	100	1.36	0.65	6.99	1.75	19.00	0.17	5.1	43.1	Clear	No Odor
12:10	5	100	1.36	0.78	7.00	1.79	16.50	0.14	5.2	34.6	Clear	No Odor
12:15	5	100	1.36	0.91	7.01	1.84	17.60	0.12	5.3	20.1	Clear	No Odor
12:20	5	100	1.36	1.04	7.01	1.86	10.60	0.14	5.3	14.1	Clear	No Odor
12:25	5	100	1.36	1.17	7.02	1.89	9.05	0.12	5.4	5.6	Clear	No Odor
12:30	5	100	1.36	1.30	7.03	1.91	7.12	0.12	5.4	0.6	Clear	No Odor
12:35	5	100	1.36	1.43	7.03	1.93	9.08	0.09	5.3	-6.6	Clear	No Odor
12:40	5	100	1.36	1.56	7.04	1.94	7.24	0.13	5.4	-11.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

Vault full of water

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34424 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-128S			Date	3-1-22
Project Name/Location		Ford LTP		Weather	37.9 degrees F and Cloudy. The wind is blowing SW at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.68	Total Depth (ft-bmp)	13.05	Water Column (ft.)	6.37	Gallons in Well	1.04
		Pump Intake (ft-bmp)	8.18	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.31				
Sample Time: Label	11:21	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:17						
Purge End	11:28						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	150	6.70	0.00	8.16	0.61	11.00	2.89	8.5	110.7	Clear	No Odor
10:25	5	150	6.72	0.20	7.96	0.53	7.44	2.76	8.3	105.7	Clear	No Odor
10:30	5	150	6.73	0.40	7.87	0.47	2.55	3.64	8.2	104.2	Clear	No Odor
10:35	5	150	6.73	0.60	7.86	0.44	2.00	3.12	8.3	104.0	Clear	No Odor
10:40	5	150	6.73	0.80	7.83	0.43	1.23	3.37	8.3	103.5	Clear	No Odor
10:45	5	150	6.73	1.00	7.83	0.43	1.24	3.38	8.3	103.3	Clear	No Odor
10:50	5	150	6.73	1.20	7.82	0.45	1.28	3.66	8.3	102.4	Clear	No Odor
10:55	5	150	6.73	1.40	7.80	0.47	0.93	3.64	8.3	101.6	Clear	No Odor
11:00	5	150	6.73	1.60	7.79	0.49	0.84	3.59	8.3	100.3	Clear	No Odor
11:05	5	150	6.73	1.80	7.77	0.54	0.77	3.51	8.4	99.4	Clear	No Odor
11:10	5	150	6.73	2.00	7.77	0.56	1.08	3.55	8.4	98.2	Clear	No Odor
11:15	5	150	6.73	2.20	7.74	0.59	0.45	3.57	8.4	98.7	Clear	No Odor
11:20	5	150	6.73	2.40	7.75	0.61	0.23	3.49	8.4	95.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34360 Capitol; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-130S			Date	2-28-22
Project Name/Location		Ford LTP		Weather	25.0 degrees F and Mostly Cloudy. The wind is blowing E/SE at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.15	Total Depth (ft-bmp)	13.15	Water Column (ft.)	10.00	Gallons in Well	1.62
		Pump Intake (ft-bmp)	4.65	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.59				
Sample Time: Label	9:50	Volume Purged	0.96 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	9:15						
Purge End	9:55						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:20	0	120	3.15	0.00	6.97	0.47	21.60	6.55	8.3	-4.2	Clear, Small Orange Particulates	No Odor
9:25	5	120	3.15	0.16	6.94	0.47	18.20	5.24	8.0	-4.4	Clear, Small Orange Particulates	No Odor
9:30	5	120	3.40	0.32	6.99	0.49	2.76	4.93	7.8	-3.4	Clear, Small Orange Particulates	No Odor
9:35	5	120	3.40	0.48	7.03	0.49	0.02	4.67	8.3	-3.7	Clear, Small Orange Particulates	No Odor
9:40	5	120	3.40	0.64	7.07	0.50	0.02	4.46	8.3	-5.5	Clear	No Odor
9:45	5	120	3.30	0.80	7.10	0.51	0.02	4.46	8.4	-5.9	Clear	No Odor
9:50	5	120	3.30	0.96	7.10	0.51	0.02	4.56	8.2	-7.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34600 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-143S			Date	2-15-22
Project Name/Location		Ford LTP		Weather	15.1 degrees F and Fog/Mist. The wind is blowing E at 2.2 mph		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.90	Total Depth (ft-bmp)	10.14	Water Column (ft.)	2.24	Gallons in Well	0.36
		Pump Intake (ft-bmp)	9.40	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.67				
Sample Time: Label	9:50	Volume Purged	0.96 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	9:16						
Purge End	9:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:20	0	120	7.90	0.00	7.35	0.75	1.01	4.92	9.1	83.6	Clear	No Odor
9:25	5	120	7.90	0.16	7.35	0.72	0.97	3.58	9.3	68.8	Clear	No Odor
9:30	5	120	8.30	0.32	7.36	0.63	0.02	2.09	9.4	41.1	Clear	No Odor
9:35	5	120	8.30	0.48	7.39	0.56	0.02	1.40	9.4	19.7	Clear	No Odor
9:40	5	120	8.20	0.64	7.38	0.55	0.02	1.42	9.3	8.3	Clear	No Odor
9:45	5	120	8.20	0.80	7.40	0.55	0.02	1.36	9.3	0.3	Clear	No Odor
9:50	5	120	8.20	0.96	7.40	0.55	0.02	1.33	9.3	-1.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12069 Stark; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-144S			Date	2-15-22
Project Name/Location		Ford LTP		Weather	23.0 degrees F and Mostly Clear. The wind is blowing SE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.80	Total Depth (ft-bmp)	11.70	Water Column (ft.)	2.90	Gallons in Well	0.47
		Pump Intake (ft-bmp)	10.30	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.09				
Sample Time: Label	12:40	Volume Purged	0.98 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	12:08						
Purge End	12:46						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:10	0	130	8.80	0.00	7.65	0.36	12.30	0.85	9.0	-30.6	Clear	No Odor
12:15	5	130	8.80	0.17	7.66	0.36	6.40	0.78	9.1	-31.4	Clear	No Odor
12:20	5	120	9.10	0.34	7.66	0.36	0.02	0.77	9.2	-32.0	Clear	No Odor
12:25	5	120	9.10	0.50	7.66	0.36	0.02	0.76	9.2	-32.6	Clear	No Odor
12:30	5	120	9.00	0.66	7.66	0.35	0.19	0.83	9.1	-33.7	Clear	No Odor
12:35	5	120	9.00	0.82	7.67	0.35	0.02	0.82	9.2	-35.1	Clear	No Odor
12:40	5	120	9.00	0.98	7.67	0.35	0.02	0.78	9.3	-35.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12033 Stark; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-145S			Date	3-2-22
Project Name/Location		Ford LTP		Weather	39.0 degrees F and Mostly Cloudy. The wind is blowing S/SW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.30	Total Depth (ft-bmp)	10.00	Water Column (ft.)	3.70	Gallons in Well	0.60
		Pump Intake (ft-bmp)	7.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.33				
Sample Time: Label	13:50	Volume Purged	2 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	12:48						
Purge End	13:56						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:50	0	120	6.30	0.00	7.64	0.19	544.00	4.70	7.2	-19.1	Brown, Orange	No Odor
12:55	5	120	6.30	0.16	7.59	0.18	439.00	4.66	7.2	-18.7	Brown, Orange	No Odor
13:00	5	120	6.40	0.32	7.51	0.17	204.00	4.48	7.2	-17.9	Cloudy, Orange	No Odor
13:05	5	130	6.40	0.48	7.42	0.19	72.20	3.45	7.2	-16.4	Clear	No Odor
13:10	5	130	6.40	0.65	7.42	0.19	15.20	3.47	7.3	-16.6	Clear	No Odor
13:15	5	130	6.40	0.82	7.43	0.19	12.10	3.41	7.4	-16.7	Clear	No Odor
13:20	5	130	6.40	0.99	7.43	0.20	10.20	3.24	7.3	-16.5	Clear	No Odor
13:25	5	120	6.30	1.16	7.44	0.20	8.68	3.14	7.4	-17.0	Clear	No Odor
13:30	5	130	6.30	1.32	7.44	0.20	7.95	3.13	7.3	-17.0	Clear	No Odor
13:35	5	130	6.30	1.49	7.43	0.21	7.30	3.06	7.3	-17.0	Clear	No Odor
13:40	5	130	6.30	1.66	7.43	0.21	5.42	3.12	7.2	-17.1	Clear	No Odor
13:45	5	130	6.30	1.83	7.44	0.21	7.39	3.09	7.2	-17.4	Clear	No Odor
13:50	5	130	6.30	2.00	7.44	0.21	6.92	3.07	7.2	-17.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12087 Stark; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-146S			Date	2-28-22
Project Name/Location		Ford LTP		Weather	33.1 degrees F and Mostly Cloudy. The wind is blowing S at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.20	Total Depth (ft-bmp)	9.95	Water Column (ft.)	4.75	Gallons in Well	0.77
		Pump Intake (ft-bmp)	6.70	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.66				
Sample Time: Label	14:35	Volume Purged	1.28 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	13:53						
Purge End	14:42						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:55	0	120	5.20	0.00	7.08	0.68	143.00	4.95	7.5	-9.7	Brown, Cloudy	No Odor
14:00	5	120	5.20	0.16	7.07	0.69	130.00	4.21	7.7	-10.1	Brown, Cloudy	No Odor
14:05	5	120	5.50	0.32	7.05	0.74	76.20	3.06	8.2	-11.2	Clear, Small Brown Particulates	No Odor
14:10	5	120	5.50	0.48	7.07	0.74	36.20	2.70	8.3	-11.8	Clear	No Odor
14:15	5	120	5.50	0.64	7.07	0.74	21.00	2.56	8.0	-12.0	Clear	No Odor
14:20	5	120	5.40	0.80	7.06	0.75	16.20	2.79	8.2	-12.0	Clear	No Odor
14:25	5	120	5.40	0.96	7.05	0.77	4.78	2.69	8.3	-12.2	Clear	No Odor
14:30	5	120	5.30	1.12	7.04	0.78	4.60	2.53	8.3	-12.1	Clear	No Odor
14:35	5	120	5.40	1.28	7.03	0.79	4.50	2.48	8.3	-12.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34367 Capitol; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-147S			Date	3-2-22
Project Name/Location		Ford LTP		Weather	30.0 degrees F and Mostly Clear. The wind is blowing E at 4.5 mph		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.30	Total Depth (ft-bmp)	6.75	Water Column (ft.)	3.45	Gallons in Well	0.56
		Pump Intake (ft-bmp)	4.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.43				
Sample Time: Label	9:45	Volume Purged	1.36 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	9:03						
Purge End	9:51						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:05	0	130	3.30	0.00	6.83	0.83	4.15	2.88	5.6	-15.9	Clear	No Odor
9:10	5	130	3.30	0.17	6.87	0.83	3.88	2.55	5.4	-19.0	Clear	No Odor
9:15	5	130	3.50	0.34	6.90	0.83	2.83	2.37	5.3	-20.5	Clear	No Odor
9:20	5	130	3.50	0.51	6.92	0.84	0.02	2.25	5.2	-22.2	Clear	No Odor
9:25	5	130	3.50	0.68	6.94	0.84	1.14	2.23	5.2	-21.1	Clear	No Odor
9:30	5	130	3.50	0.85	6.96	0.83	0.02	2.13	5.1	-19.1	Clear	No Odor
9:35	5	130	3.40	1.02	6.98	0.83	0.02	1.71	5.1	-19.7	Clear	No Odor
9:40	5	130	3.40	1.19	6.99	0.83	0.02	1.66	5.1	-19.7	Clear	No Odor
9:45	5	130	3.40	1.36	7.00	0.83	0.02	1.64	5.1	-19.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34401 Capitol; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-148S			Date	2-25-22
Project Name/Location		Ford LTP		Weather	21.0 degrees F and Mostly Cloudy. The wind is blowing NW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.41	Total Depth (ft-bmp)	6.30	Water Column (ft.)	4.89	Gallons in Well	0.79
		Pump Intake (ft-bmp)	2.91	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.65				
Sample Time: Label	14:50	Volume Purged	1.3 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	13:49						
Purge End	14:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:50	0	100	1.40	0.00	7.05	0.73	278.00	2.24	3.5	0.0	Cloudy, Orange, Small Orange Particulates	No Odor
13:55	5	100	1.40	0.13	7.01	0.73	215.00	2.07	3.2	2.1	Cloudy, Orange	No Odor
14:00	5	100	1.41	0.26	6.99	0.72	95.70	1.83	3.0	7.1	Clear, Orange, Small Orange Particulates	No Odor
14:05	5	100	1.41	0.39	6.98	0.74	40.10	1.55	3.4	12.4	Clear, Orange	No Odor
14:10	5	100	1.41	0.52	6.98	0.79	14.30	1.22	3.4	16.3	Clear	No Odor
14:15	5	100	1.41	0.65	6.98	0.83	7.08	0.88	3.5	18.7	Clear	No Odor
14:20	5	100	1.41	0.78	6.98	0.85	4.06	0.78	3.5	18.4	Clear	No Odor
14:25	5	100	1.41	0.91	6.98	0.89	3.24	0.57	3.4	17.4	Clear	No Odor
14:30	5	100	1.41	1.04	6.98	0.91	2.73	0.54	3.5	15.7	Clear	No Odor
14:35	5	100	1.41	1.17	6.98	0.93	1.96	0.57	3.5	14.0	Clear	No Odor
14:40	5	100	1.41	1.30	6.98	0.93	0.65	0.54	3.5	13.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12088 Brewster; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-150S			Date	2-23-22
Project Name/Location		Ford LTP		Weather	26.1 degrees F and Light Snow. The wind is blowing W at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.55	Total Depth (ft-bmp)	6.73	Water Column (ft.)	4.18	Gallons in Well	0.68
		Pump Intake (ft-bmp)	4.05	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.15				
Sample Time: Label	11:15	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	10:37						
Purge End	11:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	100	2.55	0.00	6.74	0.86	19.40	2.98	4.9	148.1	Clear	No Odor
10:45	5	100	2.55	0.13	6.72	1.11	9.25	1.09	5.3	143.3	Clear	No Odor
10:50	5	100	2.55	0.26	6.75	1.13	4.05	0.78	5.3	139.7	Clear	No Odor
10:55	5	100	2.55	0.39	6.76	1.18	4.97	0.68	5.3	135.8	Clear	No Odor
11:00	5	100	2.55	0.52	6.76	1.20	3.70	0.63	5.4	132.4	Clear	No Odor
11:05	5	100	2.55	0.65	6.76	1.22	4.12	0.59	5.4	128.4	Clear	No Odor
11:10	5	100	2.56	0.78	6.76	1.23	3.56	0.58	5.5	123.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Vault full of water and ice

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34380 Beacon; backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-151S			Date	2-24-22
Project Name/Location	Ford LTP			Weather	24.1 degrees F and Mostly Cloudy. The wind is blowing E/NE at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.05	Total Depth (ft-bmp)	7.30	Water Column (ft.)	6.25	Gallons in Well	1.02
		Pump Intake (ft-bmp)	2.55	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.40				
Sample Time: Label	12:40	Volume Purged	1.43 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	11:38						
Purge End	12:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:40	0	100	1.03	0.00	7.03	3.23	57.80	0.40	4.5	9.2	Clear, Small Orange Particulates	No Odor
11:45	5	100	1.03	0.13	7.03	3.25	48.20	0.17	3.5	-4.3	Clear, Small Orange Particulates	No Odor
11:50	5	100	1.03	0.26	7.03	3.13	44.80	0.19	3.3	-11.9	Clear, Small Orange Particulates	No Odor
11:55	5	100	1.03	0.39	7.04	3.22	41.30	0.19	3.7	-19.6	Clear, Cloudy	No Odor
12:00	5	100	1.03	0.52	7.04	3.22	35.10	0.10	3.6	-24.0	Clear, Cloudy	No Odor
12:05	5	100	1.03	0.65	7.04	3.24	31.80	0.12	3.7	-27.4	Clear	No Odor
12:10	5	100	1.04	0.78	7.04	3.25	25.30	0.12	3.7	-29.9	Clear	No Odor
12:15	5	100	1.04	0.91	7.05	3.28	20.10	0.12	3.8	-32.8	Clear	No Odor
12:20	5	100	1.04	1.04	7.06	3.28	13.60	0.16	3.8	-34.4	Clear	No Odor
12:25	5	100	1.04	1.17	7.05	3.28	9.36	0.11	3.7	-36.3	Clear	No Odor
12:30	5	100	1.04	1.30	7.05	3.28	9.89	0.07	3.7	-37.5	Clear	No Odor
12:35	5	100	1.05	1.43	7.06	3.30	9.36	0.07	3.6	-38.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Full of water and ice

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12091 Brewster; backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-152S			Date	2-28-22
Project Name/Location		Ford LTP		Weather	28.0 degrees F and Mostly Cloudy. The wind is blowing E/SE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.90	Total Depth (ft-bmp)	6.70	Water Column (ft.)	3.80	Gallons in Well	0.62
		Pump Intake (ft-bmp)	4.40	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.29				
Sample Time: Label	11:20	Volume Purged	2.04 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	10:17						
Purge End	11:27						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	130	2.90	0.00	7.11	0.17	292.00	8.48	3.3	-3.9	Cloudy	No Odor
10:25	5	130	2.90	0.17	6.80	0.16	208.00	7.92	3.5	-1.2	Cloudy	No Odor
10:30	5	130	3.30	0.34	6.64	0.12	103.00	7.18	4.1	-3.9	Cloudy	No Odor
10:35	5	130	3.30	0.51	6.64	0.11	69.60	6.67	4.5	-5.5	Cloudy	No Odor
10:40	5	130	3.30	0.68	6.65	0.11	62.10	6.49	4.5	-3.8	Clear	No Odor
10:45	5	130	3.30	0.85	6.69	0.11	60.90	6.16	4.6	-3.2	Cloudy	No Odor
10:50	5	130	3.10	1.02	6.77	0.12	61.10	6.08	4.7	-4.1	Cloudy	No Odor
10:55	5	130	3.10	1.19	6.83	0.13	47.20	5.92	4.8	-4.9	Cloudy	No Odor
11:00	5	130	3.10	1.36	6.87	0.14	44.10	5.84	4.9	-5.8	Cloudy	No Odor
11:05	5	130	3.10	1.53	6.90	0.15	50.90	5.75	5.0	-3.2	Cloudy	No Odor
11:10	5	130	3.00	1.70	6.93	0.17	42.00	5.69	5.0	-6.5	Cloudy	No Odor
11:15	5	130	3.00	1.87	6.94	0.17	39.20	5.62	4.9	-6.7	Cloudy	No Odor
11:20	5	130	3.00	2.04	6.94	0.18	38.80	5.58	4.9	-6.0	Cloudy	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34550 Beacon; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-153S			Date	2-23-22
Project Name/Location		Ford LTP		Weather	26.1 degrees F and Light Snow.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.10	Total Depth (ft-bmp)	6.00	Water Column (ft.)	4.90	Gallons in Well	0.80
		Pump Intake (ft-bmp)	2.60	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.14				
Sample Time: Label	9:50	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	9:08						
Purge End	9:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:10	0	100	1.10	0.00	7.06	0.58	26.30	4.79	4.3	171.2	Clear, Orange	No Odor
9:15	5	100	1.10	0.13	7.17	0.57	41.30	3.93	4.0	162.2	Clear	No Odor
9:20	5	100	1.10	0.26	7.18	0.59	27.80	3.02	3.7	159.9	Clear	No Odor
9:25	5	100	1.10	0.39	7.21	0.60	27.70	2.54	3.7	157.6	Clear	No Odor
9:30	5	100	1.10	0.52	7.23	0.61	21.60	2.42	3.6	155.5	Clear	No Odor
9:35	5	100	1.10	0.65	7.25	0.61	12.40	2.16	3.6	153.4	Clear	No Odor
9:40	5	100	1.10	0.78	7.25	0.62	11.40	2.05	3.6	152.7	Clear	No Odor
9:45	5	100	1.11	0.91	7.25	0.62	11.80	1.99	3.5	152.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Vault full of water

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34644 Beacon; backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-155S			Date	2-18-22
Project Name/Location		Ford LTP		Weather	18.0 degrees F and Partly Cloudy. The wind is blowing W/SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.47	Total Depth (ft-bmp)	6.42	Water Column (ft.)	3.95	Gallons in Well	0.64
		Pump Intake (ft-bmp)	3.97	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.13				
Sample Time: Label	14:11	Volume Purged	2 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:17						
Purge End	14:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	150	2.52	0.00	7.14	1.21	114.00	2.97	6.0	85.9	Cloudy	No Odor
13:25	5	150	2.52	0.20	7.14	1.21	56.30	2.02	6.1	83.8	Cloudy, Small White Particulates	No Odor
13:30	5	150	2.52	0.40	7.15	1.21	33.70	1.63	6.2	81.4	Cloudy, Small White Particulates	No Odor
13:35	5	150	2.52	0.60	7.14	1.21	25.00	1.34	6.2	79.8	Cloudy, Small White Particulates	No Odor
13:40	5	150	2.52	0.80	7.14	1.21	22.70	1.31	6.1	79.7	Clear, Small White Particulates	No Odor
13:45	5	150	2.52	1.00	7.14	1.21	18.30	1.20	6.0	79.0	Clear	No Odor
13:50	5	150	2.52	1.20	7.15	1.21	14.40	1.19	6.1	78.1	Clear	No Odor
13:55	5	150	2.52	1.40	7.15	1.19	11.50	1.13	5.9	78.5	Clear	No Odor
14:00	5	150	2.52	1.60	7.15	1.18	10.10	1.11	6.1	78.3	Clear	No Odor
14:05	5	150	2.52	1.80	7.15	1.17	9.80	1.13	6.1	78.0	Clear	No Odor
14:10	5	150	2.52	2.00	7.15	1.16	10.80	1.10	6.0	78.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12066 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-156S			Date	2-18-22
Project Name/Location		Ford LTP		Weather	18.0 degrees F and Partly Cloudy. The wind is blowing W/SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.93	Total Depth (ft-bmp)	7.60	Water Column (ft.)	3.67	Gallons in Well	0.60
		Pump Intake (ft-bmp)	5.43	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.33				
Sample Time: Label	12:06	Volume Purged	2 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:12						
Purge End	12:17						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:15	0	150	4.00	0.00	7.50	0.44	87.90	1.52	6.3	51.9	Cloudy, Small Orange Particulates	No Odor
11:20	5	150	4.00	0.20	7.53	0.43	34.30	1.17	6.3	47.3	Small Orange Particulates, Turbid	No Odor
11:25	5	150	4.00	0.40	7.53	0.43	17.10	1.05	6.4	41.5	Clear	No Odor
11:30	5	150	4.00	0.60	7.54	0.44	13.20	0.98	6.2	34.4	Clear	No Odor
11:35	5	150	4.00	0.80	7.55	0.44	9.72	0.95	6.2	28.1	Clear	No Odor
11:40	5	150	4.00	1.00	7.55	0.44	7.47	0.95	6.4	22.2	Clear	No Odor
11:45	5	150	4.00	1.20	7.55	0.44	6.24	0.94	6.4	17.9	Clear	No Odor
11:50	5	150	4.00	1.40	7.55	0.44	6.06	1.02	6.3	12.6	Clear	No Odor
11:55	5	150	4.00	1.60	7.55	0.44	4.28	0.99	6.1	7.5	Clear	No Odor
12:00	5	150	4.00	1.80	7.55	0.44	3.70	0.98	6.1	3.9	Clear	No Odor
12:05	5	150	4.00	2.00	7.55	0.44	3.77	0.97	6.2	2.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12100 Boston Post; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-157S			Date	2-24-22
Project Name/Location		Ford LTP		Weather	23.0 degrees F and Cloudy. The wind is blowing E/NE at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.04	Total Depth (ft-bmp)	7.15	Water Column (ft.)	3.11	Gallons in Well	0.51
		Pump Intake (ft-bmp)	5.54	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.18				
Sample Time: Label	12:06	Volume Purged	1.62 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:17						
Purge End	12:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	135	4.12	0.00	7.79	0.21	2.32	7.82	6.3	72.4	Clear	No Odor
11:25	5	135	4.12	0.18	7.79	0.22	4.00	6.83	6.3	78.0	Clear	No Odor
11:30	5	135	4.12	0.36	7.82	0.22	3.29	6.37	6.3	80.3	Clear	No Odor
11:35	5	135	4.12	0.54	7.88	0.24	2.88	5.36	6.4	81.9	Clear	No Odor
11:40	5	135	4.13	0.72	7.94	0.26	2.53	4.56	6.4	82.7	Clear	No Odor
11:45	5	135	4.13	0.90	7.97	0.27	1.76	4.97	6.3	83.6	Clear	No Odor
11:50	5	135	4.13	1.08	7.98	0.27	1.39	4.42	6.4	82.9	Clear	No Odor
11:55	5	135	4.13	1.26	7.99	0.27	1.11	4.09	6.1	83.0	Clear	No Odor
12:00	5	135	4.13	1.44	7.99	0.27	0.56	4.10	6.0	82.9	Clear	No Odor
12:05	5	135	4.13	1.62	7.99	0.27	0.42	4.03	6.0	82.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12067 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-158S			Date	2-10-22
Project Name/Location		Ford LTP		Weather	33.1 degrees F and Light Snow. The wind is blowing W at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.12	Total Depth (ft-bmp)	7.35	Water Column (ft.)	2.23	Gallons in Well	0.36
		Pump Intake (ft-bmp)	6.62	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.61				
Sample Time: Label	12:57	Volume Purged	1.3 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	12:03						
Purge End	13:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:05	0	100	5.35	0.00	7.38	0.10	7.24	9.22	5.7	39.5	Clear	No Odor
12:10	5	100	5.35	0.13	6.64	0.07	9.99	9.16	6.2	94.3	Clear	No Odor
12:15	5	100	5.35	0.26	6.51	0.07	24.50	8.99	6.2	109.7	Clear	No Odor
12:20	5	100	5.35	0.39	6.64	0.10	25.20	7.67	6.2	113.0	Clear	No Odor
12:25	5	100	5.36	0.52	6.86	0.12	16.10	6.09	6.3	111.7	Clear	No Odor
12:30	5	100	5.36	0.65	6.91	0.12	12.30	5.85	6.5	111.8	Clear	No Odor
12:35	5	100	5.36	0.78	6.98	0.13	7.32	5.46	6.4	100.6	Clear	No Odor
12:40	5	100	5.36	0.91	6.97	0.14	5.48	5.42	6.4	103.8	Clear	No Odor
12:45	5	100	5.36	1.04	6.98	0.14	4.99	5.25	6.4	106.9	Clear	No Odor
12:50	5	100	5.36	1.17	6.98	0.14	4.72	5.14	6.4	109.2	Clear	No Odor
12:55	5	100	5.36	1.30	7.00	0.14	4.69	4.95	6.3	110.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34950 Beacon; backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-159S			Date	2-11-22
Project Name/Location		Ford LTP		Weather	36.0 degrees F and Light Rain. The wind is blowing S/SW at 18.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.29	Total Depth (ft-bmp)	8.49	Water Column (ft.)	2.20	Gallons in Well	0.36
		Pump Intake (ft-bmp)	7.79	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.17				
Sample Time: Label	11:28	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	10:53						
Purge End	11:36						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:55	0	100	6.29	0.00	7.98	0.33	0.02	1.73	7.1	-40.1	Clear	No Odor
11:00	5	100	6.29	0.13	7.94	0.28	0.02	1.74	7.3	-39.9	Clear	No Odor
11:05	5	100	6.29	0.26	7.89	0.26	0.02	1.53	7.3	-30.7	Clear	No Odor
11:10	5	100	6.29	0.39	7.89	0.26	0.02	1.23	7.3	-21.3	Clear	No Odor
11:15	5	100	6.29	0.52	7.88	0.26	0.02	1.00	7.3	-15.3	Clear	No Odor
11:20	5	100	6.29	0.65	7.88	0.26	0.02	1.02	7.3	-11.2	Clear	No Odor
11:25	5	100	6.40	0.78	7.88	0.26	0.02	0.95	7.3	-9.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34920 Beacon; Backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-160S			Date	2-21-22
Project Name/Location		Ford LTP		Weather	35.1 degrees F and Mostly Cloudy. The wind is blowing E/NE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.97	Total Depth (ft-bmp)	8.25	Water Column (ft.)	3.28	Gallons in Well	0.53
		Pump Intake (ft-bmp)	6.47	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.96				
Sample Time: Label	11:11	Volume Purged	2.1 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:07						
Purge End	11:19						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:10	0	150	5.01	0.00	7.18	0.41	58.70	9.45	6.4	138.4	Small Orange Particulates, Turbid	No Odor
10:15	5	125	5.02	0.20	7.23	0.40	35.80	7.59	6.4	57.1	Small White Particulates, Turbid	No Odor
10:20	5	125	5.02	0.40	7.26	0.40	21.60	5.88	6.6	28.4	Clear, Small White Particulates	No Odor
10:25	5	125	5.02	0.57	7.27	0.41	18.20	5.24	6.5	15.6	Clear, Small White Particulates	No Odor
10:30	5	125	5.02	0.74	7.27	0.43	12.30	4.59	6.5	3.8	Clear, Small White Particulates	No Odor
10:35	5	125	5.02	0.91	7.28	0.45	8.94	3.88	6.5	-4.5	Clear	No Odor
10:40	5	125	5.02	1.08	7.28	0.47	6.01	3.76	6.5	-12.9	Clear	No Odor
10:45	5	125	5.02	1.25	7.28	0.48	5.65	3.10	6.5	-17.8	Clear	No Odor
10:50	5	125	5.02	1.42	7.28	0.49	3.88	2.73	6.6	-22.8	Clear	No Odor
10:55	5	125	5.02	1.59	7.28	0.50	2.68	2.48	6.6	-27.1	Clear	No Odor
11:00	5	125	5.02	1.76	7.29	0.52	2.11	2.39	6.6	-29.7	Clear	No Odor
11:05	5	125	5.02	1.93	7.29	0.53	1.42	2.24	6.7	-32.4	Clear	No Odor
11:10	5	125	5.02	2.10	7.29	0.53	0.96	2.20	6.7	-34.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Had to chip 5 inches of ice out before getting and opening j-plug

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12141 Boston Post; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-161S			Date	2-17-22
Project Name/Location		Ford LTP		Weather	30.9 degrees F and Light Freezing Drizzle and Fog/Mist. The wind is blowing N/NE at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.40	Total Depth (ft-bmp)	7.37	Water Column (ft.)	3.97	Gallons in Well	0.65
		Pump Intake (ft-bmp)	4.90	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.57				
Sample Time: Label	14:11	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:37						
Purge End	14:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:40	0	125	3.45	0.00	7.44	0.51	5.92	2.79	6.5	-1.1	Clear, Small Orange Particulates	No Odor
13:45	5	125	3.45	0.17	7.44	0.51	9.08	2.09	6.2	3.5	Clear, Small Orange Particulates	No Odor
13:50	5	125	3.45	0.34	7.44	0.51	5.75	1.98	6.3	4.7	Clear, Small Orange Particulates	No Odor
13:55	5	125	3.45	0.51	7.44	0.52	5.11	1.98	6.2	6.3	Clear, Small Orange Particulates	No Odor
14:00	5	125	3.45	0.68	7.44	0.52	1.02	2.14	6.2	6.0	Clear	No Odor
14:05	5	125	3.45	0.85	7.44	0.52	0.91	2.19	6.2	5.9	Clear	No Odor
14:10	5	125	3.45	1.02	7.43	0.52	0.75	2.15	6.3	4.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34851 Beacon; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-162S			Date	2-28-22
Project Name/Location		Ford LTP		Weather	32.0 degrees F and Cloudy. The wind is blowing S at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.50	Total Depth (ft-bmp)	7.70	Water Column (ft.)	2.20	Gallons in Well	0.36
		Pump Intake (ft-bmp)	7.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.81				
Sample Time: Label	13:25	Volume Purged	1.01 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	12:51						
Purge End	13:32						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:55	0	130	5.50	0.00	7.34	0.22	22.00	8.95	6.5	-0.7	Clear	No Odor
13:00	5	130	5.50	0.17	6.89	0.26	18.90	6.50	6.4	0.4	Clear	No Odor
13:05	5	130	5.80	0.34	6.87	0.28	1.65	6.16	6.4	-1.3	Clear	No Odor
13:10	5	130	5.80	0.51	6.86	0.29	1.81	5.88	6.6	-3.4	Clear	No Odor
13:15	5	130	5.70	0.68	6.86	0.30	0.02	5.84	6.5	-4.6	Clear	No Odor
13:20	5	120	5.70	0.85	6.87	0.30	0.02	5.73	6.5	-5.3	Clear	No Odor
13:25	5	130	5.70	1.01	6.88	0.31	0.02	5.56	6.5	-5.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	12017 Brewster; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-163S			Date	2-28-22
Project Name/Location		Ford LTP		Weather	30.0 degrees F and Cloudy. The wind is blowing S at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.30	Total Depth (ft-bmp)	6.70	Water Column (ft.)	3.40	Gallons in Well	0.55
		Pump Intake (ft-bmp)	4.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.76				
Sample Time: Label	12:25	Volume Purged	0.97 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	11:52						
Purge End	12:31						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:55	0	130	3.30	0.00	7.31	0.29	8.56	6.64	5.4	-13.1	Clear	No Odor
12:00	5	120	3.30	0.17	7.32	0.30	6.18	4.46	5.5	-11.1	Clear	No Odor
12:05	5	120	3.50	0.33	7.31	0.30	1.47	4.37	5.4	-9.8	Clear	No Odor
12:10	5	120	3.50	0.49	7.34	0.31	0.02	4.45	4.9	-10.0	Clear	No Odor
12:15	5	120	3.50	0.65	7.35	0.30	0.02	3.80	5.1	-9.9	Clear	No Odor
12:20	5	120	3.50	0.81	7.35	0.31	0.02	3.77	5.1	-10.3	Clear	No Odor
12:25	5	120	3.50	0.97	7.35	0.30	0.02	3.68	5.1	-10.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34591 Beacon; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-164S			Date	2-16-22
Project Name/Location		Ford LTP		Weather	46.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.30	Total Depth (ft-bmp)	7.43	Water Column (ft.)	2.13	Gallons in Well	0.35
		Pump Intake (ft-bmp)	6.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.60				
Sample Time: Label	12:55	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	12:13						
Purge End	13:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:15	0	100	5.30	0.00	7.62	0.48	215.00	5.73	6.3	35.5	Cloudy, Orange	No Odor
12:20	5	100	5.30	0.13	7.55	0.48	162.00	5.30	6.3	40.7	Cloudy, Orange	No Odor
12:25	5	100	5.30	0.26	7.46	0.52	93.00	4.01	6.4	45.4	Clear, Orange	No Odor
12:30	5	100	5.30	0.39	7.43	0.55	37.50	3.31	6.4	47.9	Clear	No Odor
12:35	5	100	5.30	0.52	7.43	0.57	19.20	3.05	6.5	49.1	Clear	No Odor
12:40	5	100	5.30	0.65	7.41	0.58	4.77	2.78	6.5	50.7	Clear	No Odor
12:45	5	100	5.30	0.78	7.41	0.58	3.71	2.79	6.5	51.4	Clear	No Odor
12:50	5	100	5.30	0.91	7.41	0.58	2.98	2.78	6.5	51.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Solid ice upon arrival

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34637 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-165S			Date	2-11-22
Project Name/Location		Ford LTP		Weather	35.1 degrees F and Light Rain and Fog/Mist. The wind is blowing SW at 18.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.22	Total Depth (ft-bmp)	6.30	Water Column (ft.)	2.08	Gallons in Well	0.34
		Pump Intake (ft-bmp)	5.72	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.29				
Sample Time: Label	14:35	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	13:59						
Purge End	14:43						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:00	0	100	4.22	0.00	7.29	0.48	41.90	0.79	5.9	42.7	Clear, Small Black Particulates,	No Odor
14:05	5	100	4.22	0.13	7.29	0.48	36.90	0.69	6.0	43.6	Clear	No Odor
14:10	5	100	4.22	0.26	7.29	0.48	20.10	0.60	5.9	45.0	Clear	No Odor
14:15	5	100	4.22	0.39	7.29	0.47	10.50	0.41	5.9	45.8	Clear	No Odor
14:20	5	100	4.22	0.52	7.35	0.46	2.12	0.39	6.0	49.8	Clear	No Odor
14:25	5	100	4.22	0.65	7.33	0.47	1.43	0.34	6.1	49.4	Clear	No Odor
14:30	5	100	4.22	0.78	7.31	0.47	0.99	0.35	6.1	49.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Full of water was able to pump water out

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	34669 Beacon ; front yard	Well Locked at Arrival:	yes
Condition of Well:	Fair,Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-166S			Date	2-22-22
Project Name/Location	Ford LTP			Weather	46.0 degrees F and Light Rain and Fog/Mist. The wind is blowing SE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.90	Total Depth (ft-bmp)	10.57	Water Column (ft.)	3.67	Gallons in Well	0.60
		Pump Intake (ft-bmp)	8.40	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.33				
Sample Time: Label	11:46	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:07						
Purge End	11:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	150	6.91	0.00	7.69	1.04	10.70	6.18	8.4	44.2	Clear, Small Brown Particulates	No Odor
11:15	5	150	6.91	0.20	7.62	1.25	6.87	4.05	6.3	30.8	Clear, Small Brown Particulates	No Odor
11:20	5	150	6.91	0.40	7.54	1.48	3.78	3.05	8.4	18.3	Clear	No Odor
11:25	5	150	6.91	0.60	7.49	1.66	0.84	2.42	8.4	-0.7	Clear	No Odor
11:30	5	150	6.91	0.80	7.48	1.70	0.59	2.24	8.5	-7.2	Clear	No Odor
11:35	5	150	6.91	1.00	7.48	1.72	0.24	2.17	8.5	-14.2	Clear	No Odor
11:40	5	150	6.91	1.20	7.47	1.76	0.21	2.11	8.5	-19.4	Clear	No Odor
11:45	5	150	6.91	1.40	7.47	1.77	0.18	2.08	8.5	-22.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Ice and frozen dirt was chipped out before opening j- plug

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12147 Stark; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-167S			Date	2-15-22
Project Name/Location		Ford LTP		Weather	25.0 degrees F and Mostly Clear. The wind is blowing S at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.15	Total Depth (ft-bmp)	9.24	Water Column (ft.)	3.09	Gallons in Well	0.50
		Pump Intake (ft-bmp)	7.65	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.24				
Sample Time: Label	13:55	Volume Purged	1.12 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	13:18						
Purge End	14:01						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	120	6.15	0.00	7.47	0.60	38.80	4.10	8.0	-3.0	Clear, Small White Particulates	No Odor
13:25	5	120	6.15	0.16	7.48	0.60	27.20	3.66	8.1	-9.2	Clear	No Odor
13:30	5	120	6.40	0.32	7.48	0.61	21.00	3.10	8.2	-21.3	Clear	No Odor
13:35	5	120	6.40	0.48	7.48	0.61	14.20	3.04	8.2	-25.3	Clear	No Odor
13:40	5	120	6.30	0.64	7.48	0.61	8.14	2.93	8.2	-28.5	Clear	No Odor
13:45	5	120	6.30	0.80	7.48	0.61	4.82	2.96	8.2	-28.6	Clear	No Odor
13:50	5	120	6.30	0.96	7.48	0.62	3.35	2.75	8.3	-30.0	Clear	No Odor
13:55	5	120	6.40	1.12	7.48	0.62	2.48	2.82	8.3	-30.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12001 Stark; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-168S			Date	2-28-22
Project Name/Location		Ford LTP		Weather	28.0 degrees F and Mostly Cloudy. The wind is blowing E/SE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.51	Total Depth (ft-bmp)	6.78	Water Column (ft.)	4.27	Gallons in Well	0.69
		Pump Intake (ft-bmp)	4.01	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.13				
Sample Time: Label	10:40	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	10:02						
Purge End	10:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:05	0	100	2.51	0.00	7.27	0.62	35.60	4.92	4.9	19.2	Clear, Small White Particulates	No Odor
10:10	5	100	2.51	0.13	7.29	0.62	24.20	5.04	4.8	22.0	Clear	No Odor
10:15	5	100	2.51	0.26	7.28	0.63	9.80	5.07	4.9	23.7	Clear	No Odor
10:20	5	100	2.51	0.39	7.26	0.64	4.20	4.90	4.9	26.7	Clear	No Odor
10:25	5	100	2.51	0.52	7.25	0.65	3.17	5.00	4.8	28.6	Clear	No Odor
10:30	5	100	2.52	0.65	7.24	0.66	0.98	4.90	4.7	30.2	Clear	No Odor
10:35	5	100	2.52	0.78	7.24	0.65	1.65	4.87	4.7	29.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34480 Capitol; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-169S			Date	2-28-22
Project Name/Location		Ford LTP		Weather	25.0 degrees F and Mostly Cloudy. The wind is blowing E/SE at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.30	Total Depth (ft-bmp)	6.51	Water Column (ft.)	4.21	Gallons in Well	0.68
		Pump Intake (ft-bmp)	3.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.34				
Sample Time: Label	9:45	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	9:03						
Purge End	9:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:05	0	100	2.30	0.00	6.57	1.43	110.00	0.87	5.0	55.3	Cloudy, Small Black Particulates	No Odor
9:10	5	100	2.30	0.13	6.69	0.97	74.30	1.00	4.4	36.1	Cloudy, Small Black Particulates	No Odor
9:15	5	100	2.30	0.26	6.98	0.87	34.70	1.06	4.3	33.1	Clear	No Odor
9:20	5	100	2.31	0.39	7.00	0.88	32.40	1.12	4.1	30.8	Clear, Small Black Particulates	No Odor
9:25	5	100	2.31	0.52	7.02	0.85	24.90	1.20	4.1	28.0	Clear	No Odor
9:30	5	100	2.31	0.65	7.03	0.85	14.30	1.12	4.2	24.7	Clear	No Odor
9:35	5	100	2.31	0.78	7.04	0.84	14.00	1.17	4.1	21.5	Clear	No Odor
9:40	5	100	2.31	0.91	7.04	0.84	13.60	1.19	4.2	19.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Vault full of ice

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34450 Capitol; front yard	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-170S			Date	2-10-22
Project Name/Location		Ford LTP		Weather	33.1 degrees F and Cloudy. The wind is blowing W at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.41	Total Depth (ft-bmp)	9.51	Water Column (ft.)	3.10	Gallons in Well	0.50
		Pump Intake (ft-bmp)	7.91	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.60				
Sample Time: Label	10:17	Volume Purged	1.3 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	9:22						
Purge End	10:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:25	0	100	6.41	0.00	7.08	1.05	47.50	1.08	8.1	16.6	Small Orange Particulates	Faint Odor
9:30	5	100	6.41	0.13	7.07	1.23	45.80	0.55	8.3	-6.9	Small Orange Particulates	No Odor
9:35	5	100	6.41	0.26	7.14	1.35	34.80	0.37	8.4	-27.7	Clear, Small Orange Particulates	No Odor
9:40	5	100	6.41	0.39	7.15	1.49	21.30	0.35	8.4	-36.9	Clear, Small Orange Particulates	No Odor
9:45	5	100	6.41	0.52	7.13	1.60	7.20	0.32	8.4	-38.8	Clear	No Odor
9:50	5	100	6.41	0.65	7.11	1.68	6.35	0.35	8.3	-36.2	Clear	No Odor
9:55	5	100	6.41	0.78	7.11	1.73	5.60	0.36	8.4	-35.6	Clear	No Odor
10:00	5	100	6.41	0.91	7.10	1.83	5.03	0.37	8.3	-36.9	Clear	No Odor
10:05	5	100	6.42	1.04	7.14	1.86	4.99	0.32	8.3	-40.3	Clear	No Odor
10:10	5	100	6.41	1.17	7.17	1.91	3.01	0.34	8.4	-41.9	Clear	No Odor
10:15	5	100	6.41	1.30	7.18	1.91	2.95	0.33	8.4	-42.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34991 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-171S			Date	2-24-22
Project Name/Location		Ford LTP		Weather	26.1 degrees F and Partly Cloudy. The wind is blowing E/NE at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.00	Total Depth (ft-bmp)	6.41	Water Column (ft.)	4.41	Gallons in Well	0.72
		Pump Intake (ft-bmp)	3.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.81				
Sample Time: Label	13:55	Volume Purged	1.3 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	12:58						
Purge End	14:03						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:00	0	100	2.00	0.00	7.30	0.43	128.00	8.82	3.5	-41.8	Cloudy, Orange	No Odor
13:05	5	100	2.00	0.13	7.07	0.42	121.00	8.02	3.2	-26.7	Cloudy, Orange	No Odor
13:10	5	100	2.00	0.26	6.92	0.44	107.00	7.36	3.1	-12.4	Clear, Orange	No Odor
13:15	5	100	2.00	0.39	6.70	1.66	97.30	7.18	4.6	29.2	Clear, Orange	No Odor
13:20	5	100	2.00	0.52	6.90	1.98	71.00	1.60	4.6	22.0	Clear, Orange	No Odor
13:25	5	100	2.00	0.65	6.95	1.94	49.30	1.80	4.4	16.1	Clear, Orange	No Odor
13:30	5	100	2.00	0.78	7.00	1.81	31.80	2.42	4.2	10.8	Clear	No Odor
13:35	5	100	2.01	0.91	7.02	1.73	25.20	2.64	4.2	8.3	Clear	No Odor
13:40	5	100	2.01	1.04	7.04	1.62	23.00	3.11	4.2	6.5	Clear	No Odor
13:45	5	100	2.01	1.17	7.04	1.59	23.90	3.07	4.3	5.8	Clear	No Odor
13:50	5	100	2.01	1.30	7.04	1.60	22.60	3.08	4.2	7.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Vault full of water and ice

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12101 Brewster; backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-172S			Date	2-15-22
Project Name/Location		Ford LTP		Weather	23.0 degrees F and Mostly Clear. The wind is blowing SE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.13	Total Depth (ft-bmp)	8.92	Water Column (ft.)	2.79	Gallons in Well	0.45
		Pump Intake (ft-bmp)	7.63	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.67				
Sample Time: Label	11:36	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:03						
Purge End	11:48						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	150	6.18	0.00	7.47	0.41	72.80	2.30	7.7	111.0	Turbid	No Odor
11:10	5	150	6.18	0.20	7.59	0.38	38.20	1.96	7.7	85.0	Turbid	No Odor
11:15	5	150	6.18	0.40	7.74	0.37	11.00	1.75	7.7	70.0	Clear	No Odor
11:20	5	150	6.18	0.60	7.77	0.37	4.94	1.89	7.6	67.2	Clear	No Odor
11:25	5	150	6.18	0.80	7.80	0.37	2.98	1.92	7.5	64.5	Clear	No Odor
11:30	5	150	6.18	1.00	7.81	0.37	2.66	1.86	7.5	63.0	Clear	No Odor
11:35	5	150	6.18	1.20	7.81	0.37	2.47	1.83	7.7	61.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	11701 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-173S			Date	2-15-22
Project Name/Location	Ford LTP			Weather	25.0 degrees F and Mostly Clear. The wind is blowing S at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.65	Total Depth (ft-bmp)	10.20	Water Column (ft.)	3.55	Gallons in Well	0.58
		Pump Intake (ft-bmp)	8.15	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.14				
Sample Time: Label	13:41	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:37						
Purge End	13:52						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:40	0	150	6.72	0.00	7.75	0.63	231.00	2.34	7.9	92.9	Orange, Turbid	No Odor
12:45	5	150	6.72	0.20	7.75	0.61	136.00	1.87	8.0	82.0	Orange, Turbid	No Odor
12:50	5	150	6.72	0.40	7.74	0.59	78.30	1.72	8.0	68.9	Turbid	No Odor
12:55	5	150	6.72	0.60	7.74	0.58	51.90	1.70	7.8	59.8	Turbid	No Odor
13:00	5	150	6.72	0.80	7.73	0.58	36.60	1.69	7.9	47.7	Clear	No Odor
13:05	5	150	6.72	1.00	7.73	0.57	30.60	1.67	8.0	41.0	Clear	No Odor
13:10	5	150	6.72	1.20	7.74	0.57	22.60	1.68	8.0	35.2	Clear	No Odor
13:15	5	150	6.72	1.40	7.73	0.57	21.10	1.97	7.9	32.7	Clear	No Odor
13:20	5	150	6.72	1.60	7.73	0.57	16.70	1.73	8.0	28.5	Clear	No Odor
13:25	5	150	6.72	1.80	7.73	0.57	13.40	1.74	8.0	25.1	Clear	No Odor
13:30	5	150	6.72	2.00	7.73	0.57	10.10	1.73	8.0	22.7	Clear	No Odor
13:35	5	150	6.72	2.20	7.74	0.56	8.34	1.74	7.9	20.1	Clear	No Odor
13:40	5	150	6.72	2.40	7.74	0.56	6.10	1.76	7.8	18.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11721 Boston Post; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-174S			Date	2-16-22
Project Name/Location		Ford LTP		Weather	48.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.20	Total Depth (ft-bmp)	10.22	Water Column (ft.)	2.02	Gallons in Well	0.33
		Pump Intake (ft-bmp)	9.70	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.12				
Sample Time: Label	14:06	Volume Purged	1.36 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:23						
Purge End	14:13						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:25	0	125	8.22	0.00	7.15	0.63	17.70	2.08	9.9	59.4	Clear	No Odor
13:30	5	125	8.22	0.17	7.23	0.63	15.80	0.97	9.9	48.2	Clear	Faint Odor
13:35	5	125	8.22	0.34	7.29	0.63	5.71	0.83	9.9	45.8	Clear	No Odor
13:40	5	125	8.22	0.51	7.31	0.63	13.40	1.40	8.5	33.5	Clear	No Odor
13:45	5	125	8.22	0.68	7.31	0.63	6.71	1.22	9.8	30.3	Clear	No Odor
13:50	5	125	8.22	0.85	7.32	0.63	5.10	1.06	9.8	28.8	Clear	No Odor
13:55	5	125	8.22	1.02	7.33	0.63	4.21	0.97	9.8	27.9	Clear	No Odor
14:00	5	125	8.22	1.19	7.34	0.63	3.41	0.93	9.8	27.3	Clear	No Odor
14:05	5	125	8.22	1.36	7.34	0.63	2.10	0.88	9.8	26.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	11865 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-176S			Date	2-16-22
Project Name/Location	Ford LTP			Weather	44.1 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.86	Total Depth (ft-bmp)	9.29	Water Column (ft.)	2.43	Gallons in Well	0.39
		Pump Intake (ft-bmp)	8.36	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.13				
Sample Time: Label	10:36	Volume Purged	2 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:43						
Purge End	10:48						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:45	0	150	6.90	0.00	7.37	0.39	23.00	1.75	8.4	118.7	Clear, Small Brown Particulates	No Odor
9:50	5	150	6.90	0.20	7.58	0.37	12.10	1.26	8.4	91.4	Clear, Small Brown Particulates	No Odor
9:55	5	150	6.90	0.40	7.68	0.36	6.38	0.92	8.4	75.4	Clear, Small Brown Particulates	No Odor
10:00	5	150	6.90	0.60	7.73	0.34	3.12	0.80	8.4	68.0	Clear, Small Brown Particulates	No Odor
10:05	5	150	6.90	0.80	7.77	0.33	1.07	0.73	8.4	60.9	Clear	No Odor
10:10	5	150	6.90	1.00	7.77	0.33	0.88	0.66	8.4	57.4	Clear	No Odor
10:15	5	150	6.90	1.20	7.79	0.33	0.27	0.88	8.4	52.8	Clear	No Odor
10:20	5	150	6.90	1.40	7.79	0.33	0.11	0.76	8.4	47.4	Clear	No Odor
10:25	5	150	6.90	1.60	7.80	0.33	0.02	0.66	8.4	44.2	Clear	No Odor
10:30	5	150	6.90	1.80	7.80	0.33	0.16	0.64	8.4	40.7	Clear	No Odor
10:35	5	150	6.90	2.00	7.81	0.33	0.10	0.65	8.4	36.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11845 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-177S			Date	2-28-22
Project Name/Location		Ford LTP		Weather	28.9 degrees F and Mostly Cloudy. The wind is blowing S/SE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.98	Total Depth (ft-bmp)	8.10	Water Column (ft.)	3.12	Gallons in Well	0.51
		Pump Intake (ft-bmp)	6.48	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.78				
Sample Time: Label	12:15	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	11:37						
Purge End	12:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:40	0	100	4.98	0.00	7.02	0.33	30.80	6.47	6.1	24.0	Clear	No Odor
11:45	5	100	4.98	0.13	6.98	0.33	27.40	5.69	5.9	28.8	Clear	No Odor
11:50	5	100	4.99	0.26	6.99	0.33	7.10	5.53	5.8	31.4	Clear	No Odor
11:55	5	100	4.99	0.39	7.01	0.34	5.30	5.52	5.7	34.1	Clear	No Odor
12:00	5	100	4.99	0.52	7.03	0.35	6.21	5.55	5.9	35.5	Clear	No Odor
12:05	5	100	4.99	0.65	7.03	0.36	7.02	5.29	5.9	38.1	Clear	No Odor
12:10	5	100	4.99	0.78	7.03	0.37	6.80	5.23	6.0	39.5	Clear	No Odor
12:15	5	100	4.99	0.91	7.04	0.37	6.72	5.19	5.9	40.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Vault full of ice

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	11866 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-178S			Date	2-16-22
Project Name/Location		Ford LTP		Weather	46.0 degrees F and Cloudy. Winds from NW at 20 mph		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.95	Total Depth (ft-bmp)	8.82	Water Column (ft.)	2.87	Gallons in Well	0.47
		Pump Intake (ft-bmp)	7.45	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.26				
Sample Time: Label	12:21	Volume Purged	2 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:27						
Purge End	12:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:30	0	150	6.00	0.00	7.17	0.60	95.90	4.07	7.8	69.8	Cloudy, Small Orange Particulates	No Odor
11:35	5	150	6.00	0.20	7.19	0.60	90.80	1.07	7.8	63.1	Cloudy, Small Orange Particulates	No Odor
11:40	5	150	6.00	0.40	7.25	0.62	63.40	0.73	7.8	60.2	Cloudy, Small Orange Particulates	No Odor
11:45	5	150	6.00	0.60	7.31	0.63	17.50	0.51	7.8	53.8	Clear	No Odor
11:50	5	150	6.00	0.80	7.34	0.63	8.05	0.44	7.9	46.3	Clear	No Odor
11:55	5	150	6.00	1.00	7.36	0.64	4.06	0.40	7.9	40.8	Clear	No Odor
12:00	5	150	6.00	1.20	7.38	0.65	2.38	0.45	7.8	36.3	Clear	No Odor
12:05	5	150	6.00	1.40	7.39	0.66	1.41	0.57	7.9	32.5	Clear	No Odor
12:10	5	150	6.00	1.60	7.39	0.66	1.15	0.44	7.9	29.2	Clear	No Odor
12:15	5	150	6.00	1.80	7.40	0.67	0.68	0.43	7.9	25.9	Clear	No Odor
12:20	5	150	6.00	2.00	7.40	0.67	0.51	0.40	7.9	23.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	11850 Boston Post; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-179S			Date	2-14-22
Project Name/Location		Ford LTP		Weather	14F Cloudy with no wind		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.42	Total Depth (ft-bmp)	10.90	Water Column (ft.)	2.48	Gallons in Well	0.40
		Pump Intake (ft-bmp)	9.92	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.92				
Sample Time: Label	13:30	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	12:38						
Purge End	13:36						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:40	0	100	8.42	0.00	7.64	0.20	112.00	7.61	8.7	73.7	Clear, Small Orange Particulates	No Odor
12:45	5	100	8.42	0.13	7.62	0.19	66.50	5.84	8.4	78.1	Clear, Small Orange Particulates	No Odor
12:50	5	100	8.42	0.26	7.62	0.20	54.70	5.00	7.7	80.1	Clear	No Odor
12:55	5	100	8.42	0.39	7.62	0.20	41.80	4.59	7.7	80.6	Clear	No Odor
13:00	5	100	8.42	0.52	7.62	0.21	29.90	4.19	7.7	81.6	Clear	No Odor
13:05	5	100	8.42	0.65	7.66	0.22	10.90	3.59	7.6	81.3	Clear	No Odor
13:10	5	100	8.42	0.78	7.66	0.22	8.54	3.40	7.6	82.2	Clear	No Odor
13:15	5	100	8.43	0.91	7.66	0.22	2.29	2.68	7.9	82.7	Clear	No Odor
13:20	5	100	8.43	1.04	7.68	0.22	1.91	2.63	8.0	82.6	Clear	No Odor
13:25	5	100	8.43	1.17	7.68	0.22	1.52	2.59	8.0	82.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34870 Wadsworth; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-180SR			Date	2-10-22
Project Name/Location		Ford LTP		Weather	33.1 degrees F and Cloudy. The wind is blowing W at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-11.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.27	Total Depth (ft-bmp)	10.98	Water Column (ft.)	2.71	Gallons in Well	0.44
		Pump Intake (ft-bmp)	9.77	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.18				
Sample Time: Label	11:46	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:07						
Purge End	11:58						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	150	8.33	0.00	7.98	0.30	1.92	5.95	10.5	95.7	Clear	No Odor
11:15	5	150	8.33	0.20	8.01	0.30	1.27	5.52	10.5	93.5	Clear	No Odor
11:20	5	150	8.33	0.40	8.03	0.30	0.99	5.31	10.3	92.4	Clear	No Odor
11:25	5	150	8.33	0.60	8.05	0.30	0.77	5.08	10.3	91.6	Clear	No Odor
11:30	5	150	8.33	0.80	8.06	0.30	0.02	4.96	10.3	91.5	Clear	No Odor
11:35	5	150	8.33	1.00	8.07	0.30	0.40	5.01	10.3	91.6	Clear	No Odor
11:40	5	150	8.33	1.20	8.07	0.30	0.43	4.95	10.3	91.3	Clear	No Odor
11:45	5	150	8.33	1.40	8.08	0.30	0.36	4.79	10.2	91.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Private property: 34891 Wadsworth, front east side next to fence	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-181S			Date	2-9-22
Project Name/Location		Ford LTP		Weather	41.0 degrees F and Mostly Clear. The wind is blowing SW at 16.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.5-8.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.22	Total Depth (ft-bmp)	8.56	Water Column (ft.)	2.34	Gallons in Well	0.38
		Pump Intake (ft-bmp)	7.72	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.68				
Sample Time: Label	14:21	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:46						
Purge End	14:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:50	0	125	6.25	0.00	7.30	1.17	33.40	1.05	8.5	47.7	Turbid	No Odor
13:55	5	125	6.25	0.17	7.30	1.45	15.50	0.50	8.4	17.0	Clear	No Odor
14:00	5	125	6.25	0.34	7.30	1.52	14.70	0.38	8.4	-19.4	Clear	No Odor
14:05	5	125	6.25	0.51	7.32	1.57	10.00	0.33	8.4	-41.6	Clear	No Odor
14:10	5	125	6.25	0.68	7.35	1.62	4.83	0.30	8.4	-45.7	Clear	No Odor
14:15	5	125	6.25	0.85	7.36	1.64	2.68	0.27	8.5	-46.8	Clear	No Odor
14:20	5	125	6.25	1.02	7.36	1.64	2.29	0.31	8.4	-49.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Chipped out frozen sand which covered the well casing, removed frozen sand and bentonite before opening j-plug

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Private property: 34990 Wadsworth, front yard south side	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-182S			Date	2-8-22
Project Name/Location		Ford LTP		Weather	24.1 degrees F and Haze. The wind is blowing S/SW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.36	Total Depth (ft-bmp)	8.78	Water Column (ft.)	2.42	Gallons in Well	0.39
		Pump Intake (ft-bmp)	7.86	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.05				
Sample Time: Label	13:31	Volume Purged	1.19 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:53						
Purge End	13:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:55	0	125	6.53	0.00	7.56	0.49	6.88	7.81	7.9	92.1	Clear	No Odor
13:00	5	125	6.53	0.17	7.57	0.49	6.48	6.82	7.9	90.9	Clear	No Odor
13:05	5	125	6.53	0.34	7.58	0.49	5.39	6.42	7.8	87.4	Clear	No Odor
13:10	5	125	6.53	0.51	7.58	0.49	7.66	6.09	8.0	82.0	Clear	No Odor
13:15	5	125	6.53	0.68	7.58	0.50	6.24	5.30	8.2	80.6	Clear	No Odor
13:20	5	125	6.53	0.85	7.58	0.50	4.41	5.02	8.2	78.4	Clear	No Odor
13:25	5	125	6.53	1.02	7.59	0.49	4.93	5.03	8.1	76.6	Clear	No Odor
13:30	5	125	6.53	1.19	7.58	0.49	4.25	4.71	8.0	75.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34766 Standish; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-183S			Date	2-7-22
Project Name/Location		Ford LTP		Weather	28.9 degrees F and Cloudy. The wind is blowing SW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.56	Total Depth (ft-bmp)	12.66	Water Column (ft.)	3.10	Gallons in Well	0.50
		Pump Intake (ft-bmp)	11.06	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.12				
Sample Time: Label	13:06	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:17						
Purge End	13:22						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	150	9.60	0.00	7.60	0.43	36.60	6.96	10.3	62.2	Clear	No Odor
12:25	5	125	9.60	0.20	7.61	0.43	23.60	6.53	10.2	60.7	Clear	No Odor
12:30	5	125	9.60	0.37	7.63	0.42	21.00	6.04	10.2	58.8	Clear	No Odor
12:35	5	125	9.60	0.54	7.64	0.42	18.60	5.87	10.1	58.1	Clear	No Odor
12:40	5	125	9.60	0.71	7.65	0.42	12.30	5.56	10.0	57.6	Clear	No Odor
12:45	5	125	9.60	0.88	7.63	0.41	8.77	5.36	10.0	56.1	Clear	No Odor
12:50	5	125	9.60	1.05	7.66	0.41	7.85	5.48	10.1	55.2	Clear	No Odor
12:55	5	125	9.60	1.22	7.66	0.40	4.48	5.25	10.1	53.3	Clear	No Odor
13:00	5	125	9.60	1.39	7.67	0.40	4.51	5.17	10.1	53.9	Clear	No Odor
13:05	5	125	9.60	1.56	7.68	0.39	3.87	4.92	10.2	53.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Had to remove dirt around well casing before opening j- plug

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34934 Standish; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-184S			Date	2-17-22
Project Name/Location	Ford LTP			Weather	30.9 degrees F and Light Freezing Drizzle and Fog/Mist. The wind is blowing N/NE at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.00	Total Depth (ft-bmp)	8.72	Water Column (ft.)	2.72	Gallons in Well	0.44
		Pump Intake (ft-bmp)	7.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.73				
Sample Time: Label	10:26	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:53						
Purge End	10:36						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:55	0	150	6.02	0.00	7.38	0.75	5.66	1.82	8.4	114.9	Clear	No Odor
10:00	5	150	6.02	0.20	7.45	0.74	5.00	0.68	8.3	106.4	Clear	No Odor
10:05	5	150	6.02	0.40	7.47	0.72	4.59	0.45	8.3	99.5	Clear	No Odor
10:10	5	150	6.02	0.60	7.48	0.71	2.83	0.37	8.3	95.1	Clear	No Odor
10:15	5	150	6.02	0.80	7.48	0.69	1.54	0.32	8.3	91.1	Clear	No Odor
10:20	5	150	6.02	1.00	7.49	0.68	0.44	0.28	8.3	86.8	Clear	No Odor
10:25	5	150	6.02	1.20	7.49	0.67	0.02	0.27	8.4	82.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	11981 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-185S			Date	2-11-22
Project Name/Location		Ford LTP		Weather	37.0 degrees F and Light Rain.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.00	Total Depth (ft-bmp)	10.53	Water Column (ft.)	5.53	Gallons in Well	0.90
		Pump Intake (ft-bmp)	6.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.44				
Sample Time: Label	13:07	Volume Purged	1.3 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	12:01						
Purge End	13:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:05	0	100	5.00	0.00	7.73	0.30	20.20	5.53	8.9	16.3	Clear	No Odor
12:10	5	100	5.00	0.13	7.75	0.31	18.70	5.50	9.2	18.3	Clear	No Odor
12:15	5	100	5.00	0.26	7.73	0.32	28.40	4.25	9.0	21.7	Clear	No Odor
12:20	5	100	5.00	0.39	7.54	0.42	47.50	2.41	9.1	35.1	Clear	No Odor
12:25	5	100	5.00	0.52	7.47	0.47	54.80	1.95	9.0	40.0	Clear	No Odor
12:30	5	100	5.00	0.65	7.42	0.52	47.80	1.75	9.0	44.5	Clear	No Odor
12:35	5	100	5.00	0.78	7.35	0.60	36.50	1.31	9.0	50.5	Clear	No Odor
12:40	5	100	5.01	0.91	7.31	0.65	15.90	1.10	9.0	52.1	Clear	No Odor
12:45	5	100	5.01	1.04	7.27	0.68	4.15	0.91	9.0	54.4	Clear	No Odor
12:50	5	100	5.01	1.17	7.27	0.68	3.99	0.88	9.0	53.4	Clear	No Odor
12:55	5	100	5.01	1.30	7.26	0.70	3.84	0.87	9.2	53.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34921 Beacon ; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-193S			Date	2-10-22
Project Name/Location		Ford LTP		Weather	32.0 degrees F and Cloudy. The wind is blowing W at 16.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.18	Total Depth (ft-bmp)	7.34	Water Column (ft.)	3.16	Gallons in Well	0.51
		Pump Intake (ft-bmp)	5.68	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.78				
Sample Time: Label	14:28	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	13:47						
Purge End	14:32						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:50	0	100	4.18	0.00	6.98	0.72	14.10	0.40	7.1	17.8	Clear, Small Orange Particulates	No Odor
13:55	5	100	4.18	0.13	6.95	0.71	13.30	0.32	7.2	-0.9	Clear, Small Orange Particulates	No Odor
14:00	5	100	4.18	0.26	6.98	0.71	14.30	0.20	7.2	-28.4	Clear, Small Orange Particulates	No Odor
14:05	5	100	4.18	0.39	7.00	0.69	7.98	0.13	7.2	-43.8	Clear	No Odor
14:10	5	100	4.18	0.52	7.02	0.67	2.66	0.15	7.3	-51.1	Clear	No Odor
14:15	5	100	4.19	0.65	7.03	0.66	1.28	0.14	7.3	-57.5	Clear	No Odor
14:20	5	100	4.19	0.78	7.03	0.65	0.85	0.15	7.3	-59.5	Clear	No Odor
14:25	5	100	4.19	0.91	7.03	0.65	1.34	0.15	7.2	-64.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34940 Beacon; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-207S			Date	2-22-22
Project Name/Location	Ford LTP			Weather	53.1 degrees F and Light Rain and Fog/Mist. The wind is blowing SW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.50	Total Depth (ft-bmp)	8.80	Water Column (ft.)	1.30	Gallons in Well	0.21
		Pump Intake (ft-bmp)	8.15	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.67				
Sample Time: Label	13:01	Volume Purged	1.19 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:23						
Purge End	13:09						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:25	0	125	7.52	0.00	7.86	0.51	9.86	6.94	9.4	21.7	Clear	No Odor
12:30	5	125	7.52	0.17	7.86	0.47	8.78	6.46	9.4	23.4	Clear	No Odor
12:35	5	125	7.52	0.34	7.85	0.43	1.89	6.33	9.4	28.0	Clear	No Odor
12:40	5	125	7.52	0.51	7.84	0.41	0.86	6.37	9.3	32.1	Clear	No Odor
12:45	5	125	7.52	0.68	7.84	0.39	0.40	6.31	9.4	36.1	Clear	No Odor
12:50	5	125	7.52	0.85	7.84	0.38	0.21	6.33	9.4	39.0	Clear	No Odor
12:55	5	125	7.52	1.02	7.83	0.38	0.19	6.31	9.4	41.7	Clear	No Odor
13:00	5	125	7.52	1.19	7.83	0.38	0.12	6.29	9.4	44.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12125 Stark; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-214S			Date	2-10-22
Project Name/Location		Ford LTP		Weather	32.0 degrees F and Light Snow. The wind is blowing W at 18.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.50	Total Depth (ft-bmp)	10.90	Water Column (ft.)	3.40	Gallons in Well	0.55
		Pump Intake (ft-bmp)	9.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.67				
Sample Time: Label	14:25	Volume Purged	0.92 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	13:46						
Purge End	14:31						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:50	0	120	7.00	0.00	5.68	4.33	103.00	2.86	10.2	0.7	Cloudy, Small Orange Particulates	Faint Odor
13:55	5	110	7.00	0.16	5.54	4.36	13.10	0.39	10.5	-1.3	Clear	Faint Odor
14:00	5	110	7.20	0.31	5.54	4.33	7.07	0.26	10.7	-3.9	Clear	Faint Odor
14:05	5	110	7.20	0.46	5.54	4.32	4.98	0.20	10.7	-8.8	Clear, Small Orange Particulates	No Odor
14:10	5	110	7.30	0.61	5.55	4.36	2.08	0.09	10.8	-29.1	Clear	No Odor
14:15	5	110	7.30	0.76	5.55	4.36	0.02	0.11	10.7	-47.0	Clear	No Odor
14:20	5	110	7.20	0.77	5.56	4.38	0.02	0.10	10.8	-48.9	Clear	No Odor
14:25	5	110	7.30	0.92	5.56	4.39	0.02	0.12	10.8	-55.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12400 Belden	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-215S			Date	2-28-22
Project Name/Location		Ford LTP		Weather	28.0 degrees F and Mostly Cloudy. The wind is blowing E/SE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.38	Total Depth (ft-bmp)	7.60	Water Column (ft.)	2.22	Gallons in Well	0.36
		Pump Intake (ft-bmp)	6.88	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.11				
Sample Time: Label	11:11	Volume Purged	2.2 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:13						
Purge End	11:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	150	5.42	0.00	9.10	0.25	31.70	13.24	6.4	104.4	Cloudy	No Odor
10:20	5	150	5.42	0.20	9.07	0.21	35.40	11.52	6.2	87.8	Turbid	No Odor
10:25	5	150	5.42	0.40	9.04	0.19	32.80	10.88	6.2	72.8	Turbid	No Odor
10:30	5	150	5.42	0.60	9.03	0.19	31.20	10.66	6.2	67.8	Turbid	No Odor
10:35	5	150	5.42	0.80	8.99	0.20	26.90	10.54	6.1	66.1	Turbid	No Odor
10:40	5	150	5.42	1.00	8.96	0.20	24.80	10.46	6.1	66.7	Turbid	No Odor
10:45	5	150	5.42	1.20	8.89	0.21	18.50	10.22	6.1	68.0	Clear	No Odor
10:50	5	150	5.42	1.40	8.84	0.22	14.70	9.90	6.2	69.4	Clear	No Odor
10:55	5	150	5.42	1.60	8.82	0.22	11.40	9.68	6.2	70.5	Clear	No Odor
11:00	5	150	5.42	1.80	8.79	0.22	10.30	9.67	6.1	73.1	Clear	No Odor
11:05	5	150	5.42	2.00	8.78	0.22	10.20	9.60	6.2	73.7	Clear	No Odor
11:10	5	150	5.42	2.20	8.77	0.23	9.88	9.60	6.1	75.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	35000 Plymouth	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-216S			Date	2-10-22
Project Name/Location		Ford LTP		Weather	32.0 degrees F and Cloudy. The wind is blowing W at 16.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.73	Total Depth (ft-bmp)	10.40	Water Column (ft.)	1.67	Gallons in Well	0.27
		Pump Intake (ft-bmp)	10.23	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.44				
Sample Time: Label	15:36	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	15:02						
Purge End	15:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:05	0	150	8.80	0.00	7.85	0.28	11.10	4.30	8.4	74.1	Clear	No Odor
15:10	5	150	8.80	0.20	7.85	0.32	8.54	2.72	8.5	75.3	Clear	No Odor
15:15	5	150	8.80	0.40	7.86	0.33	7.79	1.80	8.6	75.4	Clear	No Odor
15:20	5	150	8.80	0.60	7.86	0.34	3.34	1.59	8.6	75.1	Clear	No Odor
15:25	5	150	8.80	0.80	7.86	0.34	1.81	1.40	8.5	75.0	Clear	No Odor
15:30	5	150	8.80	1.00	7.86	0.34	1.56	1.35	8.6	74.9	Clear	No Odor
15:35	5	150	8.80	1.20	7.87	0.34	3.08	1.37	8.6	74.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Vault filled with sand and well casing was buried, dug out sand before opening J-plug

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Private property: 34851 Wadsworth, back yard close to property line	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-217S			Date	2-9-22
Project Name/Location	Ford LTP			Weather	39.9 degrees F and Mostly Clear. The wind is blowing S/SW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.91	Total Depth (ft-bmp)	10.19	Water Column (ft.)	2.28	Gallons in Well	0.37
		Pump Intake (ft-bmp)	9.41	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.32				
Sample Time: Label	16:01	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	15:17						
Purge End	16:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:20	0	150	7.95	0.00	7.47	0.41	12.10	1.80	8.9	6.8	Clear, Small Black Particulates	No Odor
15:25	5	150	7.95	0.20	7.53	0.43	14.30	1.19	8.8	21.2	Clear, Small Black Particulates	No Odor
15:30	5	150	7.95	0.40	7.58	0.46	13.40	1.09	8.8	25.9	Clear	No Odor
15:35	5	150	7.95	0.60	7.62	0.49	9.42	1.02	8.9	27.8	Clear	No Odor
15:40	5	150	7.95	0.80	7.64	0.52	4.67	1.14	8.9	27.4	Clear	No Odor
15:45	5	150	7.95	1.00	7.66	0.54	0.89	1.03	8.9	22.2	Clear	No Odor
15:50	5	150	7.95	1.20	7.67	0.55	0.77	1.14	8.9	19.1	Clear	No Odor
15:55	5	150	7.95	1.40	7.68	0.55	0.30	1.16	8.9	15.4	Clear	No Odor
16:00	5	150	7.95	1.60	7.68	0.55	0.27	1.14	8.9	13.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Private property: 34935 Wadsworth, back yard east corner	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-223S			Date	2-28-22
Project Name/Location		Ford LTP		Weather	30.0 degrees F and Cloudy. The wind is blowing S at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.5-13.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.31	Total Depth (ft-bmp)	13.20	Water Column (ft.)	1.89	Gallons in Well	0.31
		Pump Intake (ft-bmp)	12.81	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	7.74				
Sample Time: Label	12:51	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:47						
Purge End	13:02						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:50	0	150	11.43	0.00	7.42	3.47	42.40	2.37	9.4	121.5	Small Orange Particulates, Turbid	No Odor
11:55	5	150	11.45	0.20	7.43	3.51	58.50	1.57	9.3	108.8	Small Orange Particulates, Turbid	No Odor
12:00	5	150	11.45	0.40	7.43	3.51	39.00	1.36	9.4	70.1	Clear, Small Orange Particulates	No Odor
12:05	5	150	11.45	0.60	7.43	3.51	29.30	1.36	9.3	67.4	Clear, Small Orange Particulates	No Odor
12:10	5	150	11.45	0.80	7.43	3.41	12.70	1.34	9.4	57.8	Clear	No Odor
12:15	5	150	11.45	1.00	7.43	3.36	7.83	1.30	9.5	55.6	Clear	No Odor
12:20	5	150	11.45	1.20	7.43	3.27	7.05	1.29	9.4	51.8	Clear	No Odor
12:25	5	150	11.45	1.40	7.43	3.23	4.84	1.27	9.4	52.0	Clear	No Odor
12:30	5	150	11.45	1.60	7.44	3.13	3.54	3.14	9.5	50.1	Clear	No Odor
12:35	5	150	11.45	1.80	7.44	3.06	2.16	0.97	9.5	49.0	Clear	No Odor
12:40	5	150	11.45	2.00	7.44	3.01	2.11	1.30	9.4	52.0	Clear	No Odor
12:45	5	150	11.45	2.20	7.44	3.02	1.98	1.38	9.6	52.1	Clear	No Odor
12:50	5	150	11.45	2.40	7.44	2.98	1.78	1.29	9.6	50.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	35000 Plymouth	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-225S			Date	2-8-22
Project Name/Location	Ford LTP			Weather	19.0 degrees F and Cloudy. The wind is blowing W/SW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.86	Total Depth (ft-bmp)	9.50	Water Column (ft.)	1.64	Gallons in Well	0.27
		Pump Intake (ft-bmp)	8.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	7.41				
Sample Time: Label	10:11	Volume Purged	2 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:17						
Purge End	10:24						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:20	0	150	8.01	0.00	7.84	0.29	19.50	6.91	9.0	98.0	Clear	No Odor
9:25	5	150	8.01	0.20	7.91	0.27	15.00	0.73	9.0	85.7	Clear	No Odor
9:30	5	150	8.01	0.40	7.93	0.26	11.90	0.54	9.0	80.1	Clear	No Odor
9:35	5	150	8.01	0.60	7.93	0.27	9.02	6.47	8.9	78.0	Clear	No Odor
9:40	5	150	8.01	0.80	7.93	0.27	4.98	6.47	9.2	75.7	Clear	No Odor
9:45	5	150	8.01	1.00	7.92	0.27	5.28	6.96	9.3	74.7	Clear	No Odor
9:50	5	150	8.01	1.20	7.92	0.28	4.40	6.44	8.9	74.2	Clear	No Odor
9:55	5	150	8.01	1.40	7.92	0.28	2.77	6.38	8.9	73.9	Clear	No Odor
10:00	5	150	8.01	1.60	7.92	0.28	2.63	6.32	9.3	73.6	Clear	No Odor
10:05	5	150	8.01	1.80	7.92	0.28	2.29	6.36	9.2	74.1	Clear	No Odor
10:10	5	150	8.01	2.00	7.92	0.28	2.01	6.27	9.1	74.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	34800 Standish; front yard	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-72			Date	2-10-22
Project Name/Location		Ford LTP		Weather	33.1 degrees F and Cloudy. The wind is blowing W at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.00	Total Depth (ft-bmp)	19.60	Water Column (ft.)	11.60	Gallons in Well	1.88
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.02				
Sample Time: Label	12:20	Volume Purged	1.92 gallons	Replicate/Code No.	DUP-08	Sampled by	Christian Garrido
Purge Start	11:18						
Purge End	12:27						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	120	8.00	0.00	6.14	10.08	33.50	7.68	12.2	-7.1	Clear, Small Black Particulates	Strong Odor
11:25	5	120	8.00	0.16	6.22	11.03	30.70	4.93	12.5	-6.8	Clear, Small Black Particulates	Strong Odor
11:30	5	120	8.20	0.32	6.20	11.30	27.40	4.43	12.5	-6.1	Clear, Small Black Particulates	Strong Odor
11:35	5	120	8.40	0.48	5.96	11.21	15.20	3.08	12.7	-14.6	Clear, Small Orange Particulates	Slight Odor
11:40	5	120	8.40	0.64	5.95	11.24	12.40	2.48	12.8	-22.8	Clear, Small Orange Particulates	Faint Odor
11:45	5	120	8.40	0.80	5.92	11.25	9.28	2.19	12.7	-31.5	Clear	Faint Odor
11:50	5	120	8.40	0.96	5.91	11.24	10.20	1.63	12.6	-39.0	Clear	No Odor
11:55	5	120	8.20	1.12	5.91	11.25	6.58	1.37	12.7	-44.0	Clear	No Odor
12:00	5	120	8.20	1.28	5.89	11.27	4.71	1.15	12.8	-46.2	Clear	No Odor
12:05	5	120	8.20	1.44	5.88	11.26	4.27	0.95	12.7	-51.6	Clear	No Odor
12:10	5	120	8.10	1.60	5.87	11.25	3.70	0.81	12.6	-54.2	Clear	No Odor
12:15	5	120	8.10	1.76	5.87	11.25	2.84	0.68	12.7	-57.4	Clear	No Odor
12:20	5	120	8.10	1.92	5.86	11.25	2.07	0.64	12.6	-59.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-72S			Date	2-10-22
Project Name/Location		Ford LTP		Weather	33.1 degrees F and Light Snow. The wind is blowing W at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.20	Total Depth (ft-bmp)	12.90	Water Column (ft.)	4.70	Gallons in Well	0.76
		Pump Intake (ft-bmp)	9.70	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.37				
Sample Time: Label	13:30	Volume Purged	1.8 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	12:28						
Purge End	13:34						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:30	0	110	8.20	0.00	5.99	5.91	47.60	5.96	9.8	-44.4	Clear, Small Orange Particulates	Faint Odor
12:35	5	110	8.20	0.15	5.99	5.85	38.80	5.40	9.6	-40.7	Clear, Small Orange Particulates	Faint Odor
12:40	5	110	8.40	0.30	6.02	5.77	30.50	5.01	9.6	-37.8	Clear, Small Orange Particulates	Faint Odor
12:45	5	110	8.50	0.45	6.07	5.55	24.00	3.99	10.0	-22.2	Clear, Small Orange Particulates	Faint Odor
12:50	5	110	8.50	0.60	6.05	5.52	16.30	4.04	9.9	-17.2	Clear, Small Orange Particulates	No Odor
12:55	5	110	8.40	0.75	6.00	5.47	11.70	4.05	9.8	-12.1	Clear	No Odor
13:00	5	110	8.40	0.90	6.00	5.47	8.06	4.02	9.7	-11.1	Clear	No Odor
13:05	5	110	8.40	1.05	5.97	5.40	4.61	4.00	9.7	-3.1	Clear	No Odor
13:10	5	110	8.30	1.20	5.95	5.44	2.07	3.49	9.7	0.2	Clear	No Odor
13:15	5	110	8.30	1.35	5.93	5.45	1.79	3.35	9.8	0.7	Clear	No Odor
13:20	5	110	8.40	1.50	5.78	5.67	0.02	2.74	9.7	5.1	Clear	No Odor
13:25	5	110	8.30	1.65	5.71	5.79	0.02	2.45	9.8	6.2	Clear	No Odor
13:30	5	110	8.30	1.80	5.70	5.80	0.02	2.49	9.8	6.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-73D			Date	2-7-22
Project Name/Location		Ford LTP		Weather	25.0 degrees F and Cloudy. The wind is blowing S/SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	13.5-18.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.85	Total Depth (ft-bmp)	17.40	Water Column (ft.)	11.55	Gallons in Well	1.88
		Pump Intake (ft-bmp)	16.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.04				
Sample Time: Label	10:25	Volume Purged	1.96 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	9:20						
Purge End	10:29						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:25	0	130	6.85	0.00	7.05	7.23	29.43	1.58	10.0	15.4	Clear, Small Orange Particulates	Faint Odor
9:30	5	130	5.85	0.17	7.06	7.21	18.90	1.11	9.6	12.1	Clear, Small Orange Particulates	Faint Odor
9:35	5	120	6.04	0.34	7.06	7.20	20.20	0.97	9.7	11.4	Clear, Small Orange Particulates	Faint Odor
9:40	5	120	6.04	0.50	7.06	7.20	15.70	0.86	9.5	9.8	Clear, Small Orange Particulates	Faint Odor
9:45	5	120	5.92	0.66	7.05	7.18	12.70	0.81	9.7	8.0	Clear, Small Orange Particulates	No Odor
9:50	5	130	5.92	0.82	7.06	7.14	28.30	0.53	9.4	0.5	Clear, Small Orange Particulates	No Odor
9:55	5	130	5.92	0.99	7.04	7.17	20.80	0.53	9.0	-23.6	Clear, Small Orange Particulates	No Odor
10:00	5	120	5.92	1.16	7.06	7.15	22.80	0.43	9.0	-31.9	Clear, Small Orange Particulates	No Odor
10:05	5	120	5.92	1.32	7.07	7.12	14.40	0.32	9.1	-29.8	Clear, Small Orange Particulates	No Odor
10:10	5	120	5.92	1.48	7.07	7.14	7.21	0.30	9.0	-28.9	Clear, Small Orange Particulates	No Odor
10:15	5	120	5.92	1.64	7.08	7.14	12.00	0.31	8.8	-22.1	Clear, Small Orange Particulates	No Odor
10:20	5	120	5.92	1.80	7.07	7.24	10.20	0.28	8.8	-31.8	Clear, Small Orange Particulates	No Odor
10:25	5	120	5.92	1.96	7.07	7.25	9.81	0.31	8.8	-35.2	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-73SR			Date	2-7-22
Project Name/Location		Ford LTP		Weather	27.0 degrees F and Cloudy. The wind is blowing SW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.90	Total Depth (ft-bmp)	12.20	Water Column (ft.)	6.30	Gallons in Well	1.02
		Pump Intake (ft-bmp)	7.40	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.76				
Sample Time: Label	11:46	Volume Purged	1.8 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	10:41						
Purge End	11:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:45	0	110	5.90	0.00	7.51	15.25	42.10	9.84	8.9	20.2	Clear, Small Orange Particulates	Faint Odor
10:50	5	110	5.90	0.15	7.54	15.61	41.10	10.07	8.4	19.3	Clear, Small Orange Particulates	Faint Odor
10:55	5	110	5.97	0.30	7.58	15.50	3.85	8.92	8.8	17.1	Clear, Small Orange Particulates	No Odor
11:00	5	110	5.97	0.45	7.58	15.50	2.88	8.76	8.9	14.2	Clear, Small Orange Particulates	No Odor
11:05	5	110	5.97	0.60	7.53	15.21	2.29	8.10	9.2	13.4	Clear, Small Orange Particulates	No Odor
11:10	5	110	5.94	0.75	7.54	15.17	2.01	8.07	9.2	13.2	Clear, Small Orange Particulates	No Odor
11:15	5	110	5.94	0.90	7.55	14.39	2.47	7.32	9.4	9.5	Clear, Small Orange Particulates	No Odor
11:20	5	110	5.94	1.05	7.55	14.32	2.18	7.35	9.4	9.2	Clear, Small Orange Particulates	No Odor
11:25	5	110	5.94	1.20	7.52	13.53	1.91	6.81	9.5	5.6	Clear	No Odor
11:30	5	110	5.90	1.35	7.52	13.47	0.02	6.70	9.6	5.2	Clear	No Odor
11:35	5	110	5.90	1.50	7.48	12.97	0.02	6.14	9.8	2.0	Clear	No Odor
11:40	5	110	5.90	1.65	7.47	12.72	0.02	5.82	10.0	0.2	Clear	No Odor
11:45	5	110	5.90	1.80	7.44	12.40	0.02	6.22	10.1	-1.6	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-74			Date	2-7-22
Project Name/Location	Ford LTP			Weather	28.9 degrees F and Cloudy. The wind is blowing SW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.70	Total Depth (ft-bmp)	18.60	Water Column (ft.)	11.90	Gallons in Well	1.93
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.99				
Sample Time: Label	13:17	Volume Purged	1.92 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	12:13						
Purge End	13:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:15	0	120	6.70	0.00	7.36	7.49	148.00	5.28	11.7	-6.0	Cloudy, Small Orange Particulates	Faint Odor
12:20	5	120	6.70	0.16	7.35	7.49	129.00	3.83	11.8	-17.1	Cloudy, Small Orange Particulates	Faint Odor
12:25	5	120	6.90	0.32	7.34	7.53	109.00	2.99	11.6	-37.8	Cloudy, Small Orange Particulates	Faint Odor
12:30	5	120	6.90	0.48	7.33	7.77	58.30	2.08	11.9	-76.9	Clear, Small Orange Particulates	No Odor
12:35	5	120	6.90	0.64	7.33	7.82	43.90	1.80	11.9	-77.2	Clear, Small Orange Particulates	Faint Odor
12:40	5	120	6.90	0.80	7.32	8.11	27.40	1.53	12.0	-82.8	Clear, Small Orange Particulates	No Odor
12:45	5	120	6.70	0.96	7.32	8.14	26.20	1.42	11.9	-83.6	Clear, Small Orange Particulates	No Odor
12:50	5	120	6.70	1.12	7.32	8.34	20.00	1.57	11.8	-86.6	Clear, Small Orange Particulates	No Odor
12:55	5	120	6.70	1.28	7.32	8.36	19.80	1.57	11.8	-86.9	Clear, Small Orange Particulates	No Odor
13:00	5	120	6.70	1.44	7.32	8.47	13.70	1.29	11.8	-88.3	Clear, Small Orange Particulates	No Odor
13:05	5	120	6.70	1.60	7.31	8.54	10.80	1.22	11.8	-89.4	Clear, Small Orange Particulates	No Odor
13:10	5	120	6.70	1.76	7.31	8.56	9.28	1.31	11.8	-89.5	Clear, Small Orange Particulates	No Odor
13:15	5	120	6.70	1.92	7.31	8.61	9.74	1.73	11.8	-90.9	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-74S			Date	2-8-22
Project Name/Location	Ford LTP			Weather	19.0 degrees F and Cloudy. The wind is blowing W/SW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.70	Total Depth (ft-bmp)	12.80	Water Column (ft.)	6.10	Gallons in Well	0.99
		Pump Intake (ft-bmp)	8.20	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.60				
Sample Time: Label	9:15	Volume Purged	1.58 gallons	Replicate/Code No.	MW-74S-MS_020822, MW-74S-MSD_020822	Sampled by	Christian Garrido
Purge Start	8:23						
Purge End	9:21						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:25	0	110	6.70	0.00	7.35	2.36	3.87	6.85	8.1	157.7	Clear, Small White Particulates	No Odor
8:30	5	110	6.70	0.15	6.88	2.61	2.88	2.26	7.7	152.2	Clear, Small White Particulates	No Odor
8:35	5	120	7.10	0.30	6.88	5.86	0.02	0.86	8.3	56.3	Clear	No Odor
8:40	5	120	7.00	0.46	6.88	5.92	0.02	0.91	8.4	50.9	Clear	No Odor
8:45	5	120	7.00	0.62	6.91	6.24	0.02	0.73	8.4	2.3	Clear	No Odor
8:50	5	120	6.80	0.78	6.93	6.36	0.02	0.70	8.3	-10.9	Clear	No Odor
8:55	5	120	6.80	0.94	6.95	6.45	0.02	0.65	8.3	-21.3	Clear	No Odor
9:00	5	120	6.80	1.10	6.95	6.70	0.02	0.64	8.5	-26.6	Clear	No Odor
9:05	5	120	6.80	1.26	6.95	6.90	0.02	0.60	8.7	-29.2	Clear	No Odor
9:10	5	120	6.80	1.42	6.96	6.92	0.02	0.60	8.7	-30.9	Clear	No Odor
9:15	5	120	6.80	1.58	6.96	6.94	0.02	0.60	8.7	-31.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-75D			Date	2-24-22
Project Name/Location		Ford LTP		Weather	27.0 degrees F and Mostly Clear. The wind is blowing E at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.35	Total Depth (ft-bmp)	16.60	Water Column (ft.)	11.25	Gallons in Well	1.83
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.59				
Sample Time: Label	15:26	Volume Purged	1.08 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:52						
Purge End	15:33						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:55	0	135	5.40	0.00	7.83	7.37	12.50	2.81	10.2	-90.4	Clear	No Odor
15:00	5	135	5.40	0.18	7.85	7.41	10.50	1.06	10.5	-105.5	Clear	No Odor
15:05	5	135	5.40	0.36	7.86	7.47	11.60	0.36	10.5	-116.8	Clear	No Odor
15:10	5	135	5.40	0.54	7.85	7.53	9.81	0.28	10.3	-123.4	Clear	No Odor
15:15	5	135	5.40	0.72	7.84	7.56	9.09	0.28	10.4	-126.8	Clear	No Odor
15:20	5	135	5.40	0.90	7.84	7.59	8.90	0.22	10.1	-129.9	Clear	No Odor
15:25	5	135	5.40	1.08	7.83	7.58	9.02	0.21	10.3	-133.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-75SR			Date	2-24-22
Project Name/Location	Ford LTP			Weather	27.0 degrees F and Partly Cloudy. The wind is blowing E/NE at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.41	Total Depth (ft-bmp)	12.35	Water Column (ft.)	6.94	Gallons in Well	1.13
		Pump Intake (ft-bmp)	6.91	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.91				
Sample Time: Label	16:51	Volume Purged	2.16 gallons	Replicate/Code No.	DUP-10	Sampled by	Gary Schafer
Purge Start	15:47						
Purge End	17:03						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:50	0	135	5.42	0.00	7.58	1.52	4.60	2.90	6.8	-73.7	Clear	No Odor
15:55	5	135	5.42	0.18	7.57	1.78	2.69	1.38	7.3	-71.1	Clear	No Odor
16:00	5	135	5.42	0.36	7.59	1.78	1.59	1.05	7.0	-71.1	Clear	No Odor
16:05	5	135	5.42	0.54	7.59	1.85	1.52	0.93	7.1	-68.1	Clear	No Odor
16:10	5	135	5.42	0.72	7.59	1.98	1.23	0.87	7.0	-65.2	Clear	No Odor
16:15	5	135	5.42	0.90	7.59	1.95	1.09	0.90	7.2	-62.3	Clear	No Odor
16:20	5	135	5.42	1.08	7.59	2.20	1.00	0.83	7.2	-60.8	Clear	No Odor
16:25	5	135	5.42	1.26	7.59	2.37	0.83	0.78	7.1	-60.9	Clear	No Odor
16:30	5	135	5.42	1.44	7.58	2.44	0.77	0.74	7.0	-62.1	Clear	No Odor
16:35	5	135	5.42	1.62	7.57	2.66	0.21	0.72	7.0	-65.1	Clear	No Odor
16:40	5	135	5.42	1.80	7.57	2.88	0.11	0.70	7.1	-66.2	Clear	No Odor
16:45	5	135	5.42	1.98	7.57	2.90	1.20	0.70	7.0	-67.2	Clear	No Odor
16:50	5	135	5.42	2.16	7.57	2.94	1.08	0.73	7.1	-68.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-76			Date	2-28-22
Project Name/Location	Ford LTP			Weather	30.9 degrees F and Cloudy. The wind is blowing SE at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.80	Total Depth (ft-bmp)	19.60	Water Column (ft.)	9.80	Gallons in Well	1.59
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.51				
Sample Time: Label	17:31	Volume Purged	2.4 gallons	Replicate/Code No.	MW-76-MS_022822, MW-76-MSD_022822	Sampled by	Gary Schafer
Purge Start	16:27						
Purge End	17:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:30	0	150	9.81	0.00	7.40	11.22	38.90	0.39	11.0	-1.0	Turbid	No Odor
16:35	5	150	9.81	0.20	7.44	10.64	29.30	0.26	11.3	-5.7	Clear	No Odor
16:40	5	150	9.81	0.40	7.47	10.19	24.20	0.24	11.3	-10.2	Clear	No Odor
16:45	5	150	9.81	0.60	7.48	9.72	17.30	0.23	11.4	-14.8	Clear	No Odor
16:50	5	150	9.81	0.80	7.48	9.40	14.10	0.24	11.4	-19.0	Clear	No Odor
16:55	5	150	9.81	1.00	7.48	9.41	10.60	0.28	11.4	-21.3	Clear	No Odor
17:00	5	150	9.81	1.20	7.48	9.05	8.32	0.30	11.5	-22.8	Clear	No Odor
17:05	5	150	9.81	1.40	7.48	8.95	7.52	0.28	11.3	-25.7	Clear	No Odor
17:10	5	150	9.81	1.60	7.48	8.96	7.38	0.27	11.4	-29.7	Clear	No Odor
17:15	5	150	9.81	1.80	7.48	8.90	6.27	0.27	11.4	-31.7	Clear	No Odor
17:20	5	150	9.81	2.00	7.47	8.90	6.81	0.27	11.4	-33.5	Clear	No Odor
17:25	5	150	9.81	2.20	7.47	8.90	6.01	0.26	11.4	-32.5	Clear	No Odor
17:30	5	150	9.81	2.40	7.47	8.91	5.91	0.26	11.6	-34.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-76S			Date	2-28-22
Project Name/Location	Ford LTP			Weather	32.0 degrees F and Cloudy. The wind is blowing SE at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.70	Total Depth (ft-bmp)	14.15	Water Column (ft.)	4.45	Gallons in Well	0.72
		Pump Intake (ft-bmp)	11.20	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.33				
Sample Time: Label	16:11	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	15:07						
Purge End	16:17						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:10	0	150	9.73	0.00	7.50	4.22	156.00	3.31	9.6	-3.2	Small Orange Particulates, Turbid	No Odor
15:15	5	150	9.73	0.20	7.49	4.22	153.00	2.05	9.7	-23.8	Small Orange Particulates, Turbid	No Odor
15:20	5	150	9.73	0.40	7.49	4.23	131.00	2.09	9.7	-27.8	Small Orange Particulates, Turbid	No Odor
15:25	5	150	9.73	0.60	7.49	4.29	86.50	1.75	9.7	-40.4	Small Orange Particulates, Turbid	No Odor
15:30	5	150	9.73	0.80	7.49	4.29	77.80	1.79	9.7	-40.7	Small Orange Particulates, Turbid	No Odor
15:35	5	150	9.73	1.00	7.50	4.30	77.00	1.77	9.7	-41.6	Small Orange Particulates, Turbid	No Odor
15:40	5	150	9.73	1.20	7.52	4.37	43.60	1.58	9.7	-44.8	Small Orange Particulates, Turbid	No Odor
15:45	5	150	9.73	1.40	7.52	4.38	42.10	1.58	9.7	-45.1	Small Orange Particulates, Turbid	No Odor
15:50	5	150	9.73	1.60	7.52	4.38	29.50	1.47	9.7	-47.0	Clear	No Odor
15:55	5	150	9.73	1.80	7.53	4.38	18.60	1.44	9.7	-47.6	Clear	No Odor
16:00	5	150	9.73	2.00	7.53	4.36	14.90	1.46	9.6	-46.7	Clear	No Odor
16:05	5	150	9.73	2.20	7.54	4.36	10.90	1.32	9.6	-48.1	Clear	No Odor
16:10	5	150	9.73	2.40	7.54	4.37	11.00	1.49	9.6	-47.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *2" = 0.16* — *2.5" = 0.26* — *3" = 0.37* — *3.5" = 0.50* — *4" = 0.65* — *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-77			Date	2-9-22
Project Name/Location		Ford LTP		Weather	31.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.23	Total Depth (ft-bmp)	13.69	Water Column (ft.)	8.46	Gallons in Well	1.54
		Pump Intake (ft-bmp)	11.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.06				
Sample Time: Label	10:27	Volume Purged	1.64 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	9:22						
Purge End	10:33						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:25	0	125	5.23	0.00	7.29	0.65	24.40	0.54	9.1	92.0	Clear	No Odor
9:30	5	125	5.23	0.17	7.39	0.67	13.40	0.37	9.0	59.0	Clear	No Odor
9:35	5	100	5.24	0.34	7.41	0.68	5.58	0.33	8.8	33.6	Clear	No Odor
9:40	5	100	5.24	0.47	7.41	0.68	4.37	0.32	8.8	25.0	Clear	No Odor
9:45	5	100	5.24	0.60	7.42	0.70	3.84	0.27	8.8	14.6	Clear	No Odor
9:50	5	100	5.24	0.73	7.44	0.69	3.53	0.30	8.8	7.1	Clear	No Odor
9:55	5	100	5.25	0.86	7.44	0.71	2.53	0.24	8.9	0.8	Clear	No Odor
10:00	5	100	5.25	0.99	7.45	0.72	1.47	0.25	8.9	-3.9	Clear	No Odor
10:05	5	100	5.25	1.12	7.45	0.71	2.71	0.25	8.9	-12.4	Clear	No Odor
10:10	5	100	5.25	1.25	7.46	0.71	1.99	0.22	8.9	-18.2	Clear	No Odor
10:15	5	100	5.25	1.38	7.46	0.72	2.00	0.23	8.8	-24.8	Clear	No Odor
10:20	5	100	5.35	1.51	7.47	0.72	1.91	0.21	9.0	-29.7	Clear	No Odor
10:25	5	100	5.35	1.64	7.48	0.72	1.48	0.19	9.1	-36.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-77S			Date	2-9-22
Project Name/Location		Ford LTP		Weather	37.0 degrees F and Cloudy. The wind is blowing SW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.15	Total Depth (ft-bmp)	12.14	Water Column (ft.)	6.99	Gallons in Well	1.14
		Pump Intake (ft-bmp)	6.65	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.25				
Sample Time: Label	11:47	Volume Purged	1.43 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	10:47						
Purge End	11:59						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	100	5.15	0.00	7.58	0.46	33.90	0.96	8.3	0.4	Small Black Particulates	No Odor
10:55	5	100	5.15	0.13	7.57	0.47	22.00	0.71	8.3	-5.9	Clear	No Odor
11:00	5	100	5.15	0.26	7.56	0.46	20.00	0.71	8.1	-10.4	Clear	No Odor
11:05	5	100	5.16	0.39	7.56	0.46	16.80	0.72	7.9	-13.5	Clear	No Odor
11:10	5	100	5.16	0.52	7.55	0.46	13.70	0.55	8.2	-15.4	Clear	No Odor
11:15	5	100	5.16	0.65	7.56	0.46	10.90	0.55	8.2	-18.6	Clear	No Odor
11:20	5	100	5.16	0.78	7.56	0.46	9.40	0.59	8.2	-19.4	Clear	No Odor
11:25	5	100	5.16	0.91	7.57	0.46	8.04	0.54	8.3	-19.7	Clear	No Odor
11:30	5	100	5.17	1.04	7.57	0.46	6.13	0.45	8.3	-19.4	Clear	No Odor
11:35	5	100	5.16	1.17	7.57	0.46	4.98	0.42	8.4	-19.3	Clear	No Odor
11:40	5	100	5.17	1.30	7.58	0.46	4.68	0.36	8.4	-17.7	Clear	No Odor
11:45	5	100	5.17	1.43	7.57	0.47	2.91	0.31	8.4	-16.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-78			Date	2-18-22
Project Name/Location	Ford LTP			Weather	18.0 degrees F and Partly Cloudy. The wind is blowing W/SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.90	Total Depth (ft-bmp)	11.75	Water Column (ft.)	9.85	Gallons in Well	1.60
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.57				
Sample Time: Label	13:55	Volume Purged	0.91 gallons	Replicate/Code No.	MW-78-MS_021822, MW-78-MSD_021822	Sampled by	Dominic Harmon
Purge Start	13:12						
Purge End	14:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:15	0	100	1.90	0.00	7.37	2.41	25.30	0.45	3.4	56.7	Clear, Small Orange Particulates	No Odor
13:20	5	100	1.90	0.13	7.38	2.34	9.88	0.38	3.4	40.7	Clear	No Odor
13:25	5	100	1.90	0.26	7.38	2.42	1.05	0.32	4.0	24.2	Clear	No Odor
13:30	5	100	1.90	0.39	7.38	2.44	3.72	0.23	4.1	14.1	Clear	No Odor
13:35	5	100	1.90	0.52	7.38	2.49	1.93	0.19	4.1	0.4	Clear	No Odor
13:40	5	100	1.90	0.65	7.39	2.49	0.02	0.22	4.0	-9.2	Clear	No Odor
13:45	5	100	1.90	0.78	7.39	2.50	0.98	0.22	4.0	-15.8	Clear	No Odor
13:50	5	100	1.90	0.91	7.39	2.49	0.53	0.22	3.9	-17.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

Vault full of water, bailed out prior to opening J-plug

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-78S			Date	2-18-22
Project Name/Location		Ford LTP		Weather	18.0 degrees F and Partly Cloudy. The wind is blowing W/SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.13	Total Depth (ft-bmp)	12.31	Water Column (ft.)	10.18	Gallons in Well	1.65
		Pump Intake (ft-bmp)	3.63	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.95				
Sample Time: Label	15:15	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	14:08						
Purge End	15:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:10	0	100	2.13	0.00	7.49	0.49	0.02	0.99	2.8	-32.9	Clear, Small Black Particulates	No Odor
14:15	5	100	2.13	0.13	7.48	0.47	0.02	0.82	2.7	-27.8	Clear	No Odor
14:20	5	100	2.13	0.26	7.47	0.53	0.02	0.42	3.3	-15.8	Clear	No Odor
14:25	5	100	2.13	0.39	7.46	0.58	0.02	0.26	3.4	-12.4	Clear	No Odor
14:30	5	100	2.13	0.52	7.45	0.64	0.02	0.23	3.4	-12.1	Clear	No Odor
14:35	5	100	2.13	0.65	7.44	0.70	0.02	0.27	3.6	-14.2	Clear	No Odor
14:40	5	100	2.13	0.78	7.42	0.85	0.02	0.29	3.6	-15.4	Clear	No Odor
14:45	5	100	2.14	0.91	7.41	1.07	0.02	0.29	3.7	-20.5	Clear	No Odor
14:50	5	100	2.14	1.04	7.41	1.18	0.02	0.22	3.7	-27.3	Clear	No Odor
14:55	5	100	2.14	1.17	7.42	1.30	0.02	0.21	3.9	-33.5	Clear	No Odor
15:00	5	100	2.14	1.30	7.42	1.36	0.02	0.27	3.9	-37.9	Clear	No Odor
15:05	5	100	2.14	1.43	7.43	1.41	0.02	0.19	4.0	-41.4	Clear	No Odor
15:10	5	100	2.14	1.56	7.43	1.40	0.02	0.19	3.9	-43.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-79D			Date	2-22-22
Project Name/Location		Ford LTP		Weather	44.1 degrees F and Cloudy. The wind is blowing SE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.12	Total Depth (ft-bmp)	14.60	Water Column (ft.)	10.48	Gallons in Well	1.70
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.46				
Sample Time: Label	10:42	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	10:03						
Purge End	10:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:05	0	100	4.12	0.00	6.85	11.42	95.40	1.34	9.0	57.7	Clear, Small Black Particulates	No Odor
10:10	5	100	4.12	0.13	6.92	11.02	118.00	0.36	8.0	20.1	Cloudy, Orange	No Odor
10:15	5	100	4.13	0.26	6.95	10.83	82.80	0.24	7.9	-6.4	Clear, Orange, Small Orange Particulates	No Odor
10:20	5	100	4.13	0.39	6.97	10.68	51.00	0.20	7.9	-26.5	Clear, Orange	No Odor
10:25	5	100	4.13	0.52	6.98	10.62	28.60	0.17	7.8	-35.4	Clear	No Odor
10:30	5	100	4.13	0.65	6.98	10.60	27.10	0.15	7.8	-40.9	Clear	No Odor
10:35	5	100	4.13	0.78	6.99	10.44	26.30	0.14	7.8	-44.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-79SR			Date	2-22-22
Project Name/Location		Ford LTP		Weather	46.0 degrees F and Light Rain and Fog/Mist. The wind is blowing SE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.95	Total Depth (ft-bmp)	12.25	Water Column (ft.)	8.30	Gallons in Well	1.35
		Pump Intake (ft-bmp)	5.45	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.67				
Sample Time: Label	11:45	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	10:58						
Purge End	11:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:00	0	100	3.95	0.00	7.18	5.51	13.00	2.13	7.5	-19.7	Clear	No Odor
11:05	5	100	3.95	0.13	7.09	5.96	8.64	0.17	7.7	-28.7	Clear	No Odor
11:10	5	100	3.95	0.26	7.08	6.07	5.68	0.12	7.6	-34.3	Clear	No Odor
11:15	5	100	3.95	0.39	7.07	6.25	4.06	0.10	7.6	-38.4	Clear	No Odor
11:20	5	100	3.95	0.52	6.97	8.20	4.77	0.08	8.1	-38.1	Clear	No Odor
11:25	5	100	3.95	0.65	6.99	8.46	1.68	0.07	8.1	-41.8	Clear	No Odor
11:30	5	100	3.95	0.78	7.02	8.35	0.15	0.08	8.1	-46.8	Clear	No Odor
11:35	5	100	3.95	0.91	7.03	8.26	0.76	0.06	8.2	-49.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-80SR			Date	2-25-22
Project Name/Location	Ford LTP			Weather	21.0 degrees F and Mostly Cloudy. The wind is blowing NW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.31	Total Depth (ft-bmp)	12.20	Water Column (ft.)	10.89	Gallons in Well	1.77
		Pump Intake (ft-bmp)	2.81	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.88				
Sample Time: Label	12:10	Volume Purged	1.56 gallons	Replicate/Code No.	DUP-07	Sampled by	Dominic Harmon
Purge Start	11:03						
Purge End	12:16						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	100	1.30	0.00	7.03	1.47	60.50	1.17	2.9	44.9	Clear, Orange, Small Orange Particulates	No Odor
11:10	5	100	1.30	0.13	7.03	1.52	55.80	0.53	3.0	26.0	Clear, Orange, Small Orange Particulates	No Odor
11:15	5	100	1.30	0.26	7.08	1.61	29.20	0.40	3.1	5.7	Clear, Orange	No Odor
11:20	5	100	1.30	0.39	7.09	1.65	18.40	0.30	3.2	-7.2	Clear, Orange	No Odor
11:25	5	100	1.30	0.52	7.09	1.69	14.30	0.23	3.5	-16.5	Clear, Orange	No Odor
11:30	5	100	1.30	0.65	7.09	1.71	11.30	0.22	3.4	-23.1	Clear	No Odor
11:35	5	100	1.31	0.78	7.09	1.70	10.80	0.20	3.3	-27.9	Clear	No Odor
11:40	5	100	1.31	0.91	7.08	1.71	8.49	0.17	3.4	-30.9	Clear	No Odor
11:45	5	100	1.31	1.04	7.08	1.71	9.66	0.16	3.2	-34.4	Clear	No Odor
11:50	5	100	1.30	1.17	7.08	1.70	8.04	0.20	3.0	-36.9	Clear	No Odor
11:55	5	100	1.31	1.30	7.08	1.69	6.90	0.17	3.3	-38.2	Clear	No Odor
12:00	5	100	1.31	1.43	7.08	1.69	5.23	0.14	3.3	-39.4	Clear	No Odor
12:05	5	100	1.32	1.56	7.08	1.70	5.08	0.17	3.5	-40.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Brewster ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-81			Date	2-11-22
Project Name/Location		Ford LTP		Weather	36.0 degrees F and Light Rain.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.95	Total Depth (ft-bmp)	12.70	Water Column (ft.)	6.75	Gallons in Well	1.10
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.00				
Sample Time: Label	10:50	Volume Purged	1.1 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	10:12						
Purge End	10:57						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	110	5.95	0.00	5.07	1.70	18.30	0.40	7.9	98.0	Clear	No Odor
10:20	5	120	5.95	0.15	5.07	1.68	6.72	0.35	8.0	97.4	Clear	No Odor
10:25	5	120	6.30	0.31	5.04	1.68	0.02	0.37	7.9	98.2	Clear	No Odor
10:30	5	120	6.30	0.46	5.07	1.68	0.02	0.25	8.3	84.5	Clear	No Odor
10:35	5	120	6.20	0.62	5.06	1.68	0.02	0.24	8.4	83.5	Clear	No Odor
10:40	5	120	6.20	0.78	5.06	1.68	0.02	0.25	8.4	70.5	Clear	No Odor
10:45	5	120	6.10	0.94	5.05	1.68	0.02	0.22	8.2	67.3	Clear	No Odor
10:50	5	120	6.10	1.10	5.04	1.68	0.02	0.23	8.3	64.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-81S			Date	2-11-22
Project Name/Location		Ford LTP		Weather	36.0 degrees F and Light Rain.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.80	Total Depth (ft-bmp)	12.55	Water Column (ft.)	5.75	Gallons in Well	0.93
		Pump Intake (ft-bmp)	8.30	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.37				
Sample Time: Label	10:00	Volume Purged	1.27 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	9:17						
Purge End	22:06						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:20	0	110	6.80	0.00	4.82	1.58	142.00	3.81	8.3	138.3	Cloudy	Faint Odor
9:25	5	120	6.80	0.15	4.87	1.59	107.00	2.17	8.2	134.3	Cloudy	Faint Odor
9:30	5	120	7.20	0.31	4.95	1.60	67.00	0.75	8.2	127.3	Cloudy	No Odor
9:35	5	120	7.20	0.47	4.96	1.59	50.90	0.77	8.2	121.2	Clear, Small Orange Particulates	No Odor
9:40	5	120	7.10	0.63	4.96	1.56	12.50	0.80	8.2	116.6	Clear	No Odor
9:45	5	120	7.00	0.79	4.97	1.55	6.26	0.85	8.2	111.7	Clear	No Odor
9:50	5	120	7.00	0.95	4.97	1.56	4.92	0.88	8.3	103.4	Clear	No Odor
9:55	5	120	7.00	1.11	4.95	1.54	4.84	0.94	8.2	96.4	Clear	No Odor
10:00	5	120	7.00	1.27	4.95	1.55	4.62	0.96	8.2	93.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-82D			Date	2-23-22
Project Name/Location		Ford LTP		Weather	27.0 degrees F and Cloudy. The wind is blowing NW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	18-23	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.55	Total Depth (ft-bmp)	22.70	Water Column (ft.)	15.15	Gallons in Well	2.46
		Pump Intake (ft-bmp)	20.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.88				
Sample Time: Label	15:16	Volume Purged	2.16 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:13						
Purge End	15:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:15	0	135	7.55	0.00	7.47	1.24	12.50	0.77	8.6	64.5	Clear	No Odor
14:20	5	135	7.55	0.18	7.46	1.24	11.30	0.47	8.8	51.8	Clear	No Odor
14:25	5	135	7.55	0.36	7.45	1.33	10.60	0.31	9.0	7.0	Clear	No Odor
14:30	5	135	7.55	0.54	7.45	1.33	8.53	0.27	9.1	-7.0	Clear	No Odor
14:35	5	135	7.55	0.72	7.45	1.34	7.90	0.23	8.9	-17.4	Clear	No Odor
14:40	5	135	7.55	0.90	7.45	1.35	6.34	0.24	8.9	-23.0	Clear	No Odor
14:45	5	135	7.55	1.08	7.45	1.37	4.39	0.27	8.8	-26.5	Clear	No Odor
14:50	5	135	7.55	1.26	7.45	1.38	7.16	0.25	8.7	-28.5	Clear	No Odor
14:55	5	135	7.55	1.44	7.45	1.38	6.83	0.24	8.8	-31.6	Clear	No Odor
15:00	5	135	7.55	1.62	7.45	1.37	5.05	0.23	8.8	-32.0	Clear	No Odor
15:05	5	135	7.55	1.80	7.45	1.38	4.20	0.23	8.8	-34.6	Clear	No Odor
15:10	5	135	7.55	1.98	7.45	1.38	4.12	0.22	8.8	-35.6	Clear	No Odor
15:15	5	135	7.55	2.16	7.45	1.38	3.91	0.22	8.9	-36.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-82SR			Date	2-23-22
Project Name/Location		Ford LTP		Weather	27.0 degrees F and Cloudy. The wind is blowing NW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.48	Total Depth (ft-bmp)	16.10	Water Column (ft.)	8.62	Gallons in Well	1.40
		Pump Intake (ft-bmp)	8.98	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.16				
Sample Time: Label	13:46	Volume Purged	1.62 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:57						
Purge End	13:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:00	0	135	7.63	0.00	7.22	1.41	3.92	3.27	6.5	53.6	Clear	No Odor
13:05	5	135	7.63	0.18	7.21	1.42	3.79	1.96	6.2	55.9	Clear	No Odor
13:10	5	135	7.72	0.36	7.20	1.46	2.70	1.39	6.4	56.5	Clear	No Odor
13:15	5	135	7.73	0.54	7.19	1.51	3.35	0.92	6.7	56.3	Clear	No Odor
13:20	5	135	7.75	0.72	7.19	1.52	3.05	0.77	6.7	56.8	Clear	No Odor
13:25	5	135	7.76	0.90	7.18	1.54	3.14	0.56	6.8	57.0	Clear	No Odor
13:30	5	135	7.76	1.08	7.18	1.54	3.57	0.51	6.7	57.7	Clear	No Odor
13:35	5	135	7.76	1.26	7.18	1.54	2.70	0.58	6.7	58.4	Clear	No Odor
13:40	5	135	7.77	1.44	7.18	1.55	2.54	0.55	6.8	58.7	Clear	No Odor
13:45	5	135	7.77	1.62	7.18	1.54	2.12	0.56	6.9	59.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-83			Date	2-23-22
Project Name/Location	Ford LTP			Weather	27.0 degrees F and Mostly Cloudy. The wind is blowing N/NW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.58	Total Depth (ft-bmp)	12.40	Water Column (ft.)	5.82	Gallons in Well	0.95
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.14				
Sample Time: Label	16:46	Volume Purged	1.08 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	16:13						
Purge End	16:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:15	0	135	6.55	0.00	7.46	1.51	1.36	1.69	7.7	48.0	Clear	No Odor
16:20	5	135	6.55	0.18	7.45	1.50	1.52	0.53	7.6	46.3	Clear	No Odor
16:25	5	135	6.55	0.36	7.44	1.51	0.97	0.41	7.6	45.6	Clear	No Odor
16:30	5	135	6.55	0.54	7.45	1.51	2.91	0.32	7.5	44.6	Clear	No Odor
16:35	5	135	6.55	0.72	7.45	1.50	3.01	0.29	7.7	43.9	Clear	No Odor
16:40	5	135	6.55	0.90	7.45	1.51	2.73	0.28	7.5	43.8	Clear	No Odor
16:45	5	135	6.55	1.08	7.45	1.51	2.61	0.30	7.6	43.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-83S			Date	2-24-22
Project Name/Location		Ford LTP		Weather	27.0 degrees F and Partly Cloudy. The wind is blowing E/NE at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.68	Total Depth (ft-bmp)	12.76	Water Column (ft.)	6.08	Gallons in Well	0.99
		Pump Intake (ft-bmp)	8.18	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.21				
Sample Time: Label	10:06	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:33						
Purge End	10:19						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:35	0	150	6.65	0.00	7.49	1.50	0.56	0.64	8.1	111.2	Clear	No Odor
9:40	5	150	6.65	0.20	7.49	1.50	0.75	0.46	7.9	109.0	Clear	No Odor
9:45	5	150	6.65	0.40	7.49	1.50	0.79	0.35	7.6	106.4	Clear	No Odor
9:50	5	150	6.65	0.60	7.50	1.51	0.67	0.31	7.7	104.0	Clear	No Odor
9:55	5	150	6.65	0.80	7.50	1.51	0.55	0.29	7.6	103.0	Clear	No Odor
10:00	5	150	6.65	1.00	7.50	1.51	0.45	0.25	7.6	102.8	Clear	No Odor
10:05	5	150	6.65	1.20	7.49	1.51	0.02	0.25	7.7	98.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-84			Date	2-16-22
Project Name/Location		Ford LTP		Weather	44.1 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.25	Total Depth (ft-bmp)	12.58	Water Column (ft.)	8.33	Gallons in Well	1.35
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.48				
Sample Time: Label	10:00	Volume Purged	0.65 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	9:23						
Purge End	10:06						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:25	0	100	4.25	0.00	7.15	1.27	5.48	1.60	9.4	21.5	Clear, Small Black Particulates	No Odor
9:30	5	100	4.25	0.13	7.20	1.27	5.79	0.26	9.2	2.8	Clear	No Odor
9:35	5	100	4.25	0.13	7.21	1.24	4.59	0.16	9.3	-6.9	Clear	No Odor
9:40	5	100	4.25	0.26	7.22	1.21	2.92	0.11	9.3	-14.4	Clear	No Odor
9:45	5	100	4.25	0.39	7.23	1.20	3.37	0.13	9.3	-19.9	Clear	No Odor
9:50	5	100	4.25	0.52	7.23	1.20	2.98	0.10	9.3	-21.5	Clear	No Odor
9:55	5	100	4.25	0.65	7.23	1.19	0.98	0.14	9.4	-24.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-84S			Date	2-16-22
Project Name/Location		Ford LTP		Weather	39.9 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.40	Total Depth (ft-bmp)	12.70	Water Column (ft.)	8.30	Gallons in Well	1.35
		Pump Intake (ft-bmp)	5.90	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.50				
Sample Time: Label	9:15	Volume Purged	0.67 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	8:32						
Purge End	9:22						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:35	0	100	4.40	0.00	7.24	0.47	43.80	3.14	8.3	86.5	Clear, Small Orange Particulates	No Odor
8:40	5	100	4.40	0.01	7.25	0.63	21.00	0.42	8.2	29.3	Clear, Small Black Particulates	No Odor
8:45	5	100	4.40	0.14	7.30	0.63	11.10	0.49	8.1	11.8	Clear	No Odor
8:50	5	100	4.40	0.27	7.31	0.65	5.52	0.48	8.1	2.6	Clear	No Odor
8:55	5	100	4.40	0.40	7.31	0.66	5.59	0.76	8.2	-5.7	Clear	No Odor
9:00	5	100	4.40	0.41	7.32	0.66	3.22	0.80	8.2	-12.6	Clear	No Odor
9:05	5	100	4.40	0.54	7.33	0.67	1.31	0.88	8.2	-16.3	Clear	No Odor
9:10	5	100	4.40	0.67	7.33	0.67	1.03	0.86	8.2	-17.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-85			Date	2-8-22
Project Name/Location		Ford LTP		Weather	21.9 degrees F and Haze. The wind is blowing SW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.25	Total Depth (ft-bmp)	12.80	Water Column (ft.)	7.55	Gallons in Well	1.23
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.07				
Sample Time: Label	10:45	Volume Purged	1.31 gallons	Replicate/Code No.	DUP-06	Sampled by	Christian Garrido
Purge Start	10:03						
Purge End	10:51						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:05	0	130	5.25	0.00	7.53	3.71	18.80	3.65	6.6	-127.9	Clear, Small Orange Particulates	No Odor
10:10	5	130	5.25	0.17	7.35	3.74	22.40	1.28	6.2	-127.1	Clear, Small Orange Particulates	Faint Odor
10:15	5	130	5.92	0.34	7.30	3.73	19.80	0.90	6.3	-122.0	Clear, Small Orange Particulates	Faint Odor
10:20	5	120	5.70	0.51	7.22	3.68	14.10	0.33	6.4	-93.4	Clear, Small Orange Particulates	Faint Odor
10:25	5	120	5.82	0.67	7.20	3.68	8.15	0.20	6.4	-91.8	Clear, Small Orange Particulates	No Odor
10:30	5	120	5.82	0.83	7.18	3.67	5.27	0.26	6.4	-90.7	Clear	No Odor
10:35	5	120	5.82	0.99	7.17	3.63	4.32	0.28	6.4	-89.9	Clear	No Odor
10:40	5	120	5.82	1.15	7.16	3.61	2.98	0.26	6.4	-89.3	Clear	No Odor
10:45	5	120	5.82	1.31	7.16	3.60	2.80	0.28	6.3	-88.9	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-85SR			Date	2-9-22
Project Name/Location		Ford LTP		Weather	36.0 degrees F and Cloudy. The wind is blowing SW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.40	Total Depth (ft-bmp)	8.45	Water Column (ft.)	3.05	Gallons in Well	0.50
		Pump Intake (ft-bmp)	6.90	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.62				
Sample Time: Label	10:25	Volume Purged	1.31 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	9:43						
Purge End	10:32						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:45	0	130	5.40	0.00	6.00	1.94	162.00	5.88	4.7	14.6	Cloudy, Small Orange Particulates	Slight Odor
9:50	5	130	5.40	0.17	6.82	1.96	116.00	1.34	4.5	-14.7	Cloudy, Small Orange Particulates	Slight Odor
9:55	5	130	5.70	0.33	6.79	1.97	108.00	0.46	4.5	-38.6	Cloudy, Small Orange Particulates	Faint Odor
10:00	5	130	5.80	0.50	6.78	1.98	26.30	0.35	4.5	-48.1	Clear, Small Orange Particulates	Faint Odor
10:05	5	120	5.70	0.67	6.77	1.99	21.20	0.28	4.5	-52.2	Clear, Small Orange Particulates	Faint Odor
10:10	5	120	5.70	0.83	6.76	1.99	19.90	0.16	4.6	-55.1	Clear	Faint Odor
10:15	5	120	5.70	0.99	6.74	2.00	4.92	0.20	4.5	-58.1	Clear	No Odor
10:20	5	120	5.50	1.15	6.73	2.00	4.82	0.20	4.6	-60.0	Clear	No Odor
10:25	5	120	5.50	1.31	6.71	2.00	4.55	0.21	4.6	-61.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-86			Date	2-14-22
Project Name/Location		Ford LTP		Weather	7.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.85	Total Depth (ft-bmp)	16.61	Water Column (ft.)	8.76	Gallons in Well	1.42
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.10				
Sample Time: Label	11:35	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	10:27						
Purge End	11:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	100	7.85	0.00	7.60	0.62	55.60	2.23	7.6	99.0	Clear, Small Orange Particulates	No Odor
10:35	5	100	7.85	0.13	7.60	0.63	26.00	2.27	9.7	86.0	Clear	No Odor
10:40	5	100	7.85	0.26	7.57	0.65	17.90	1.97	9.5	7.2	Clear	No Odor
10:45	5	100	7.85	0.39	7.57	0.70	8.37	1.49	9.7	7.2	Clear	No Odor
10:50	5	100	7.85	0.52	7.57	0.72	3.06	1.30	9.7	-12.7	Clear	No Odor
10:55	5	100	7.85	0.65	7.55	0.81	3.83	1.13	9.9	-31.8	Clear	No Odor
11:00	5	100	7.85	0.78	7.54	0.91	2.10	0.85	9.9	-56.9	Clear	No Odor
11:05	5	100	7.85	0.91	7.53	0.99	2.10	0.74	9.9	-56.9	Clear	No Odor
11:10	5	100	7.85	1.04	7.53	1.04	1.54	0.61	9.7	-64.5	Clear	No Odor
11:15	5	100	7.86	1.17	7.52	1.05	0.20	0.54	9.7	-67.8	Clear	No Odor
11:20	5	100	7.86	1.30	7.52	1.08	1.55	0.45	9.6	-71.1	Clear	No Odor
11:25	5	100	7.86	1.43	7.52	1.09	1.27	0.38	9.8	-74.8	Clear	No Odor
11:30	5	100	7.86	1.56	7.52	1.10	2.30	0.41	9.8	-77.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Wadsworth ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-86S			Date	2-14-22
Project Name/Location		Ford LTP		Weather	7.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.00	Total Depth (ft-bmp)	12.31	Water Column (ft.)	4.31	Gallons in Well	0.70
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.11				
Sample Time: Label	9:45	Volume Purged	0.78 gallons	Replicate/Code No.	MW-86S-MS_021422, MW-86S-MSD_021422	Sampled by	Dominic Harmon
Purge Start	9:08						
Purge End	9:59						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:10	0	100	8.00	0.00	7.67	0.33	104.00	5.00	8.8	152.1	Clear, Small Orange Particulates	No Odor
9:15	5	100	8.00	0.13	7.64	0.32	39.10	3.53	7.7	151.1	Clear, Small Orange Particulates	No Odor
9:20	5	100	8.00	0.26	7.63	0.32	33.20	3.34	8.1	150.7	Clear	No Odor
9:25	5	100	8.00	0.39	7.65	0.33	30.50	3.35	8.3	145.4	Clear	No Odor
9:30	5	100	8.00	0.52	7.69	0.33	28.90	3.16	8.1	142.3	Clear	No Odor
9:35	5	100	8.00	0.65	7.69	0.33	28.90	3.21	8.1	140.7	Clear	No Odor
9:40	5	100	8.01	0.78	7.68	0.33	28.60	3.21	8.0	140.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Wadsworth ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-87			Date	2-9-22
Project Name/Location	Ford LTP			Weather	36.0 degrees F and Cloudy. The wind is blowing SW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.58	Total Depth (ft-bmp)	18.80	Water Column (ft.)	8.22	Gallons in Well	1.34
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.19				
Sample Time: Label	11:06	Volume Purged	1.6 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:22						
Purge End	11:13						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:25	0	150	10.59	0.00	8.08	0.83	0.38	0.99	9.9	120.4	Clear	No Odor
10:30	5	150	10.60	0.20	8.13	0.82	1.63	0.58	12.0	118.1	Clear	No Odor
10:35	5	150	10.60	0.40	8.05	0.94	1.56	0.37	12.4	114.3	Clear	No Odor
10:40	5	150	10.60	0.60	7.99	0.99	0.52	0.80	12.4	112.0	Clear	No Odor
10:45	5	150	10.60	0.80	7.94	1.04	0.55	0.33	12.6	109.5	Clear	No Odor
10:50	5	150	10.60	1.00	7.91	1.08	0.42	0.30	12.6	108.1	Clear	No Odor
10:55	5	150	10.60	1.20	7.87	1.12	0.26	0.25	12.6	104.7	Clear	No Odor
11:00	5	150	10.60	1.40	7.87	1.12	0.47	0.28	12.6	104.1	Clear	No Odor
11:05	5	150	10.60	1.60	7.85	1.14	0.06	0.24	12.6	102.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Standish ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-87S			Date	2-9-22
Project Name/Location		Ford LTP		Weather	37.9 degrees F and Partly Cloudy. The wind is blowing SW at 17.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.45	Total Depth (ft-bmp)	14.10	Water Column (ft.)	3.65	Gallons in Well	0.59
		Pump Intake (ft-bmp)	11.95	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.37				
Sample Time: Label	12:11	Volume Purged	1.4 gallons	Replicate/Code No.	MW-87S-MS_020922, MW-87S-MSD_020922	Sampled by	Gary Schafer
Purge Start	11:32						
Purge End	12:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:35	0	150	10.46	0.00	8.16	0.49	1.24	1.04	11.9	81.8	Clear	No Odor
11:40	5	150	10.46	0.20	8.28	0.46	2.20	0.54	12.0	74.3	Clear	No Odor
11:45	5	150	10.46	0.40	8.28	0.46	2.22	0.53	12.0	71.8	Clear	No Odor
11:50	5	150	10.46	0.60	8.28	0.46	2.02	0.43	12.1	67.1	Clear	No Odor
11:55	5	150	10.46	0.80	8.28	0.46	1.55	0.47	12.1	65.0	Clear	No Odor
12:00	5	150	10.46	1.00	8.30	0.46	1.76	0.38	12.2	62.6	Clear	No Odor
12:05	5	150	10.46	1.20	8.30	0.46	0.93	0.28	12.2	59.9	Clear	No Odor
12:10	5	150	10.46	1.40	8.31	0.46	0.59	0.30	12.2	58.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Standish ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-96S			Date	2-9-22
Project Name/Location		Ford LTP		Weather	39.9 degrees F and Partly Cloudy. The wind is blowing SW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.83	Total Depth (ft-bmp)	12.06	Water Column (ft.)	6.23	Gallons in Well	1.01
		Pump Intake (ft-bmp)	7.33	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.29				
Sample Time: Label	13:12	Volume Purged	1.3 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	12:18						
Purge End	13:19						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	100	5.83	0.00	7.37	0.35	120.00	0.90	7.2	47.6	Small Orange Particulates	No Odor
12:25	5	100	5.83	0.13	7.37	0.35	49.00	1.50	7.3	46.8	Small Orange Particulates	No Odor
12:30	5	100	5.83	0.26	7.36	0.34	36.50	0.97	7.4	46.3	Clear, Small Orange Particulates	No Odor
12:35	5	100	5.83	0.39	7.36	0.34	20.40	0.76	7.4	45.9	Clear	No Odor
12:40	5	100	5.84	0.52	7.35	0.33	11.70	0.56	7.5	45.8	Clear	No Odor
12:45	5	100	5.84	0.65	7.36	0.33	9.90	0.48	7.4	45.8	Clear	No Odor
12:50	5	100	5.84	0.78	7.30	0.33	7.20	0.45	7.3	46.6	Clear	No Odor
12:55	5	100	5.84	0.91	7.36	0.33	5.40	0.45	7.4	46.4	Clear	No Odor
13:00	5	100	5.84	1.04	7.36	0.33	4.32	0.46	7.4	46.6	Clear	No Odor
13:05	5	100	5.84	1.17	7.37	0.32	3.46	0.40	7.5	46.4	Clear	No Odor
13:10	5	100	5.84	1.30	7.36	0.33	4.44	0.36	7.4	46.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
1" = 0.04	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-97S			Date	2-22-22
Project Name/Location	Ford LTP			Weather	53.1 degrees F and Light Rain and Fog/Mist. The wind is blowing SW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.17	Total Depth (ft-bmp)	12.00	Water Column (ft.)	7.83	Gallons in Well	1.27
		Pump Intake (ft-bmp)	5.67	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.70				
Sample Time: Label	17:01	Volume Purged	2.16 gallons	Replicate/Code No.	MW-97S-MS_022222, MW-97S-MSD_022222	Sampled by	Gary Schafer
Purge Start	15:57						
Purge End	17:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:00	0	135	4.17	0.00	7.74	0.51	12.40	2.37	6.9	54.8	Cloudy, Small Brown Particulates	No Odor
16:05	5	135	4.18	0.18	7.77	0.50	6.16	1.79	7.0	36.5	Clear, Small Brown Particulates	No Odor
16:10	5	135	4.18	0.36	7.78	0.50	4.80	1.56	7.0	30.5	Clear, Small Brown Particulates	No Odor
16:15	5	135	4.18	0.54	7.78	0.50	2.89	1.48	6.9	27.7	Clear, Small Brown Particulates	No Odor
16:20	5	135	4.18	0.72	7.79	0.50	1.93	1.36	7.0	26.1	Clear	No Odor
16:25	5	135	4.18	0.90	7.80	0.51	0.02	1.40	7.0	26.9	Clear	No Odor
16:30	5	135	4.18	1.08	7.79	0.52	0.02	1.38	6.9	27.0	Clear	No Odor
16:35	5	135	4.18	1.26	7.79	0.59	0.02	1.20	7.0	23.3	Clear	No Odor
16:40	5	135	4.18	1.44	7.79	0.62	0.48	0.98	7.0	18.9	Clear	No Odor
16:45	5	135	4.18	1.62	7.79	0.65	0.51	0.87	7.1	12.6	Clear	No Odor
16:50	5	135	4.18	1.80	7.78	0.68	0.21	0.83	7.1	6.9	Clear	No Odor
16:55	5	135	4.18	1.98	7.78	0.69	0.02	0.85	7.1	3.2	Clear	No Odor
17:00	5	135	4.18	2.16	7.77	0.69	0.02	0.84	7.1	-0.4	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-98S			Date	2-16-22
Project Name/Location		Ford LTP		Weather	48.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.51	Total Depth (ft-bmp)	12.05	Water Column (ft.)	9.54	Gallons in Well	1.55
		Pump Intake (ft-bmp)	4.01	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.50				
Sample Time: Label	13:50	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	13:13						
Purge End	13:57						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:15	0	100	2.51	0.00	7.33	0.65	51.80	1.95	5.4	48.0	Clear, Small Orange Particulates	No Odor
13:20	5	100	2.51	0.13	7.31	0.66	43.00	0.30	5.4	35.3	Clear, Small Orange Particulates	No Odor
13:25	5	100	2.51	0.26	7.33	0.67	27.10	0.26	5.4	24.8	Clear	No Odor
13:30	5	100	2.51	0.39	7.33	0.67	20.20	0.22	5.4	21.3	Clear	No Odor
13:35	5	100	2.51	0.52	7.36	0.70	7.60	0.18	5.5	17.7	Clear	No Odor
13:40	5	100	2.51	0.65	7.37	0.72	7.12	0.16	5.5	12.9	Clear	No Odor
13:45	5	100	2.51	0.78	7.36	0.71	7.32	0.15	5.5	13.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-99S			Date	2-24-22
Project Name/Location		Ford LTP		Weather	26.1 degrees F and Partly Cloudy. The wind is blowing E/NE at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.90	Total Depth (ft-bmp)	12.85	Water Column (ft.)	6.95	Gallons in Well	1.13
		Pump Intake (ft-bmp)	7.40	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.91				
Sample Time: Label	14:21	Volume Purged	2.16 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:17						
Purge End	14:29						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	135	5.91	0.00	7.33	1.65	4.09	2.70	8.1	92.6	Clear	No Odor
13:25	5	135	5.91	0.18	7.34	1.69	1.97	0.85	7.9	59.7	Clear	No Odor
13:30	5	135	5.91	0.36	7.35	1.72	1.83	0.50	7.8	44.6	Clear	No Odor
13:35	5	135	5.91	0.54	7.40	1.81	1.08	0.37	7.6	38.4	Clear	No Odor
13:40	5	135	5.91	0.72	7.40	1.85	0.98	0.37	7.4	38.4	Clear	No Odor
13:45	5	135	5.91	0.90	7.41	2.20	0.94	0.31	7.7	32.7	Clear	No Odor
13:50	5	135	5.91	1.08	7.40	2.29	0.88	0.32	7.6	27.3	Clear	No Odor
13:55	5	135	5.91	1.26	7.41	2.44	0.82	0.45	7.4	22.5	Clear	No Odor
14:00	5	135	6.91	1.44	7.41	2.55	0.95	0.34	7.4	19.4	Clear	No Odor
14:05	5	135	5.91	1.62	7.41	2.60	0.82	0.32	7.6	16.8	Clear	No Odor
14:10	5	135	5.91	1.80	7.40	2.78	0.94	0.30	7.7	14.0	Clear	No Odor
14:15	5	135	5.91	1.98	7.40	2.80	0.80	0.31	7.6	11.2	Clear	No Odor
14:20	5	135	5.91	2.16	7.40	3.08	0.50	0.29	7.6	8.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-100S			Date	2-28-22
Project Name/Location		Ford LTP		Weather	33.1 degrees F and Mostly Cloudy. The wind is blowing S at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.46	Total Depth (ft-bmp)	12.88	Water Column (ft.)	6.42	Gallons in Well	1.04
		Pump Intake (ft-bmp)	7.96	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.92				
Sample Time: Label	14:36	Volume Purged	2 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:33						
Purge End	14:33						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:35	0	150	6.50	0.00	7.67	6.22	1.57	1.96	8.3	34.7	Clear	No Odor
13:40	5	150	6.50	0.20	7.52	6.35	0.99	1.25	8.3	30.8	Clear	No Odor
13:45	5	150	6.50	0.40	7.38	6.61	1.46	0.78	8.5	10.8	Clear	No Odor
13:50	5	150	6.50	0.60	7.33	6.92	0.97	0.76	8.4	4.5	Clear	No Odor
13:55	5	150	6.50	0.80	7.31	7.10	1.51	0.75	8.5	7.7	Clear	No Odor
14:00	5	150	6.50	1.00	7.30	7.16	1.26	0.72	8.4	12.6	Clear	No Odor
14:05	5	150	6.50	1.20	7.30	7.20	1.05	0.73	8.5	19.2	Clear	No Odor
14:10	5	150	6.50	1.40	7.30	7.21	1.36	0.97	8.5	19.1	Clear	No Odor
14:15	5	150	6.50	1.60	7.30	7.24	1.36	0.90	8.6	18.2	Clear	No Odor
14:20	5	150	6.50	1.80	7.30	7.28	0.95	0.87	8.5	17.8	Clear	No Odor
14:25	5	150	6.50	2.00	7.30	7.27	0.89	0.85	8.5	17.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-101S			Date	2-25-22
Project Name/Location		Ford LTP		Weather	23.0 degrees F and Light Snow. The wind is blowing N at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.41	Total Depth (ft-bmp)	14.03	Water Column (ft.)	5.62	Gallons in Well	0.91
		Pump Intake (ft-bmp)	9.91	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.64				
Sample Time: Label	11:56	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:53						
Purge End	12:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:55	0	150	8.22	0.00	7.48	1.11	28.60	3.27	8.2	102.5	Turbid	No Odor
11:00	5	150	8.22	0.20	7.62	1.04	22.60	2.70	7.9	66.7	Small Brown Particulates, Turbid	No Odor
11:05	5	150	8.22	0.40	7.67	0.99	19.40	2.40	8.0	38.7	Clear	No Odor
11:10	5	150	8.23	0.60	7.68	0.97	23.50	2.22	8.0	24.9	Clear, Small Brown Particulates	No Odor
11:15	5	150	8.23	0.80	7.70	0.94	21.20	2.08	8.1	11.2	Clear, Small Brown Particulates	No Odor
11:20	5	150	8.23	1.00	7.70	0.93	15.30	2.03	7.9	1.7	Clear	No Odor
11:25	5	150	8.23	1.20	7.71	0.92	14.10	1.99	8.0	-5.5	Clear	No Odor
11:30	5	150	8.23	1.40	7.72	0.91	17.30	1.90	8.0	-8.1	Clear	No Odor
11:35	5	150	8.23	1.60	7.73	0.89	15.70	1.80	8.1	-11.7	Clear	No Odor
11:40	5	150	8.23	1.80	7.74	0.89	13.70	1.77	8.3	-14.2	Clear	No Odor
11:45	5	150	8.23	2.00	7.75	0.87	11.60	1.68	8.3	-16.5	Clear	No Odor
11:50	5	150	8.23	2.20	7.76	0.87	10.20	1.66	8.2	-16.9	Clear	No Odor
11:55	5	150	8.23	2.40	7.76	0.86	10.00	1.68	8.2	-17.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-102			Date	2-10-22
Project Name/Location	Ford LTP			Weather	33.1 degrees F and Light Snow. The wind is blowing W at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.30	Total Depth (ft-bmp)	14.70	Water Column (ft.)	12.40	Gallons in Well	2.01
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.90				
Sample Time: Label	10:55	Volume Purged	1.8 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	9:53						
Purge End	10:59						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:55	0	110	2.60	0.00	6.74	6.79	0.02	1.00	7.3	-139.9	Clear	No Odor
10:00	5	110	2.60	0.15	6.91	6.44	0.02	1.05	7.1	-158.8	Clear	No Odor
10:05	5	110	2.60	0.30	7.09	6.02	4.51	1.25	6.4	-171.3	Clear	No Odor
10:10	5	110	2.40	0.45	7.03	6.22	0.02	1.92	5.9	-152.1	Clear	No Odor
10:15	5	110	2.40	0.60	7.01	6.32	0.02	2.04	5.9	-150.9	Clear	No Odor
10:20	5	110	2.50	0.75	6.80	6.97	0.02	2.82	6.1	-139.6	Clear	No Odor
10:25	5	110	2.40	0.90	6.65	7.38	30.00	3.04	6.3	-133.4	Clear	No Odor
10:30	5	110	2.40	1.05	6.33	7.78	23.50	3.03	6.6	-116.0	Clear	No Odor
10:35	5	110	2.40	1.20	6.23	8.07	18.50	3.40	6.6	-106.7	Clear	No Odor
10:40	5	110	2.40	1.35	6.19	8.28	20.90	3.74	6.6	-99.7	Clear	No Odor
10:45	5	110	2.40	1.50	6.15	8.38	18.20	3.69	6.9	-93.9	Clear	No Odor
10:50	5	110	2.40	1.65	6.09	8.41	23.80	3.62	7.0	-87.5	Clear	No Odor
10:55	5	110	2.40	1.80	6.09	8.45	20.20	3.62	7.1	-86.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-102S			Date	2-10-22
Project Name/Location		Ford LTP		Weather	33.1 degrees F and Cloudy. The wind is blowing W at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.30	Total Depth (ft-bmp)	12.30	Water Column (ft.)	10.00	Gallons in Well	1.62
		Pump Intake (ft-bmp)	3.80	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.24				
Sample Time: Label	9:30	Volume Purged	2.01 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	8:29						
Purge End	9:33						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:30	0	130	2.30	0.00	6.84	5.58	425.00	7.37	2.9	79.4	Brown, Cloudy	Faint Odor
8:35	5	120	2.30	0.17	6.66	5.77	210.00	5.47	2.5	75.3	Brown, Cloudy	Faint Odor
8:40	5	120	2.50	0.33	6.56	6.02	242.00	5.35	2.4	69.8	Cloudy, Small Brown Particulates	Faint Odor
8:45	5	130	2.50	0.49	6.54	6.12	231.00	5.58	2.4	62.0	Cloudy, Small Brown Particulates	Faint Odor
8:50	5	120	2.50	0.66	6.55	6.24	269.00	5.08	2.5	52.7	Cloudy	Faint Odor
8:55	5	130	2.40	0.82	6.55	6.21	197.00	5.00	2.6	44.1	Cloudy	Faint Odor
9:00	5	130	2.40	0.99	6.56	5.86	154.00	4.17	3.0	36.4	Cloudy	No Odor
9:05	5	130	2.40	1.16	6.52	5.56	112.00	3.38	3.3	22.9	Cloudy	No Odor
9:10	5	130	2.40	1.33	6.49	5.28	85.70	2.87	3.4	11.0	Cloudy	No Odor
9:15	5	130	2.40	1.50	6.47	5.25	74.40	2.75	3.4	3.3	Cloudy	No Odor
9:20	5	130	2.40	1.67	6.45	5.22	59.10	2.71	3.3	-1.7	Cloudy	No Odor
9:25	5	130	2.40	1.84	6.45	5.20	52.00	2.75	3.5	-4.3	Cloudy	No Odor
9:30	5	130	2.40	2.01	6.44	5.21	47.20	2.75	3.5	-5.2	Cloudy	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-105S			Date	2-9-22
Project Name/Location		Ford LTP		Weather	37.9 degrees F and Partly Cloudy. The wind is blowing SW at 17.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.60	Total Depth (ft-bmp)	11.70	Water Column (ft.)	8.10	Gallons in Well	1.32
		Pump Intake (ft-bmp)	5.10	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.02				
Sample Time: Label	12:50	Volume Purged	1.35 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	12:08						
Purge End	12:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:10	0	120	3.70	0.00	5.75	1.27	536.00	3.92	4.1	-24.4	Orange	Faint Odor
12:15	5	130	3.70	0.16	5.76	1.37	39.00	3.41	4.4	-26.3	Clear, Small Orange Particulates	Faint Odor
12:20	5	130	4.00	0.33	5.83	1.65	27.30	3.28	4.7	-30.1	Clear, Small Orange Particulates	Faint Odor
12:25	5	130	4.00	0.50	6.04	4.53	3.99	2.64	5.3	-41.1	Clear, Small Orange Particulates	Faint Odor
12:30	5	130	3.90	0.67	6.09	4.55	2.42	3.10	5.5	-50.2	Clear, Small Orange Particulates	No Odor
12:35	5	130	3.90	0.84	6.08	4.78	1.81	3.36	5.6	-55.4	Clear, Small Orange Particulates	No Odor
12:40	5	130	3.90	1.01	6.06	4.78	0.02	2.97	5.7	-60.0	Clear, Small Orange Particulates	No Odor
12:45	5	130	3.90	1.18	6.05	4.76	0.02	3.01	5.7	-62.8	Clear, Small Orange Particulates	No Odor
12:50	5	130	3.90	1.35	6.04	4.78	0.02	2.90	5.7	-64.9	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
1" = 0.04	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-106S			Date	2-18-22
Project Name/Location		Ford LTP		Weather	12.9 degrees F and Mostly Clear. The wind is blowing W at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.72	Total Depth (ft-bmp)	11.69	Water Column (ft.)	8.97	Gallons in Well	1.46
		Pump Intake (ft-bmp)	4.22	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.67				
Sample Time: Label	10:32	Volume Purged	0.98 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	9:53						
Purge End	10:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:55	0	150	2.72	0.00	7.06	0.52	71.80	2.82	4.9	164.2	Cloudy, Small Orange Particulates	No Odor
10:00	5	100	2.72	0.33	7.29	0.44	47.40	2.73	4.2	121.2	Clear, Small Orange Particulates	No Odor
10:05	5	100	2.72	0.46	7.32	0.44	18.00	3.51	3.7	107.2	Clear	No Odor
10:10	5	100	2.72	0.59	7.32	0.45	10.50	3.02	3.9	98.2	Clear	No Odor
10:15	5	100	2.72	0.72	7.33	0.45	1.22	2.82	3.8	89.4	Clear	No Odor
10:20	5	100	2.73	0.85	7.34	0.45	3.62	2.74	3.8	81.9	Clear	No Odor
10:25	5	100	2.73	0.98	7.34	0.46	2.88	2.73	3.7	79.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Vault full of water and ice, bailed out prior to opening J-plug

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-107S			Date	2-25-22
Project Name/Location	Ford LTP			Weather	21.0 degrees F and Mostly Cloudy. The wind is blowing NW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.41	Total Depth (ft-bmp)	12.14	Water Column (ft.)	6.73	Gallons in Well	1.09
		Pump Intake (ft-bmp)	6.91	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.43				
Sample Time: Label	10:30	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	21:23						
Purge End	10:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:25	0	100	5.41	0.00	7.47	0.47	4.05	0.30	6.4	129.2	Clear, Orange	No Odor
9:30	5	100	5.41	0.13	7.57	0.45	4.24	0.34	5.7	133.7	Clear	No Odor
9:35	5	100	5.41	0.26	7.63	0.45	1.06	0.42	5.6	104.0	Clear	No Odor
9:40	5	100	5.41	0.39	7.66	0.44	1.56	0.65	5.6	87.5	Clear	No Odor
9:45	5	100	5.41	0.52	7.67	0.44	0.76	0.54	5.6	82.2	Clear	No Odor
9:50	5	100	5.41	0.65	7.65	0.45	0.16	0.49	5.5	79.4	Clear	No Odor
9:55	5	100	5.41	0.78	7.63	0.46	0.96	0.50	5.5	77.0	Clear	No Odor
10:00	5	100	5.41	0.91	7.60	0.47	1.64	0.52	5.6	73.1	Clear	No Odor
10:05	5	100	5.41	1.04	7.59	0.48	0.54	0.49	5.6	69.9	Clear	No Odor
10:10	5	100	5.42	1.17	7.58	0.49	0.34	0.44	5.7	66.0	Clear	No Odor
10:15	5	100	5.42	1.30	7.67	0.50	0.02	0.43	5.8	62.3	Clear	No Odor
10:20	5	100	5.42	1.43	7.57	0.51	1.23	0.41	5.8	59.1	Clear	No Odor
10:25	5	100	5.42	1.56	7.56	0.52	0.23	0.45	5.8	55.7	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Capitol ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-108S			Date	2-8-22
Project Name/Location	Ford LTP			Weather	24.1 degrees F and Haze. The wind is blowing S/SW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.00	Total Depth (ft-bmp)	12.20	Water Column (ft.)	8.20	Gallons in Well	1.33
		Pump Intake (ft-bmp)	5.50	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.53				
Sample Time: Label	13:00	Volume Purged	2.03 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	11:58						
Purge End	13:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:00	0	130	4.00	0.00	6.76	1.47	42.20	14.70	4.5	16.3	Clear, Small Orange Particulates	Faint Odor
12:05	5	130	4.00	0.17	6.68	1.40	38.80	14.06	4.4	16.2	Clear, Small Orange Particulates	Faint Odor
12:10	5	130	4.30	0.34	6.70	1.40	41.20	13.66	4.4	17.2	Clear, Small Orange Particulates	Faint Odor
12:15	5	130	4.40	0.51	6.71	1.41	28.40	13.20	4.3	17.6	Clear, Small Orange Particulates	Faint Odor
12:20	5	130	4.40	0.68	6.72	1.42	23.70	13.34	4.3	18.1	Clear, Small Orange Particulates	Faint Odor
12:25	5	130	4.30	0.85	6.72	1.43	18.80	13.08	4.4	18.6	Clear, Small Orange Particulates	Faint Odor
12:30	5	130	4.30	1.02	6.72	1.43	26.50	13.00	4.3	20.1	Clear, Small Orange Particulates	Faint Odor
12:35	5	130	4.30	1.19	6.72	1.43	20.30	12.86	4.3	21.2	Clear, Small Orange Particulates	Faint Odor
12:40	5	130	4.30	1.36	6.72	1.40	15.80	12.31	4.5	18.2	Clear, Small Orange Particulates	Faint Odor
12:45	5	130	4.30	1.53	6.72	1.39	10.40	12.20	4.6	15.2	Clear, Small Orange Particulates	Faint Odor
12:50	5	130	4.30	1.70	6.68	1.34	9.05	11.53	5.0	0.0	Clear, Small Orange Particulates	Faint Odor
12:55	5	130	4.30	1.87	6.64	1.32	5.40	11.25	5.2	-7.3	Clear, Small Orange Particulates	Faint Odor
13:00	5	130	4.30	2.03	6.58	1.33	5.57	10.92	5.1	-12.8	Clear, Small Orange Particulates	Faint Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-131S			Date	2-9-22
Project Name/Location		Ford LTP		Weather	37.0 degrees F and Cloudy. The wind is blowing SW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.50	Total Depth (ft-bmp)	12.60	Water Column (ft.)	8.10	Gallons in Well	1.32
		Pump Intake (ft-bmp)	6.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.03				
Sample Time: Label	11:40	Volume Purged	1.36 gallons	Replicate/Code No.	DUP-12	Sampled by	Christian Garrido
Purge Start	10:58						
Purge End	11:47						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:00	0	130	4.50	0.00	6.85	1.90	14.70	5.99	6.4	6.7	Clear	No Odor
11:05	5	130	4.50	0.17	6.61	1.98	10.80	4.89	6.5	7.2	Clear	No Odor
11:10	5	130	4.80	0.34	6.55	2.39	9.83	4.01	6.6	0.2	Clear	No Odor
11:15	5	130	4.70	0.51	6.34	2.97	0.98	1.70	7.3	-32.1	Clear	No Odor
11:20	5	130	4.60	0.68	6.36	3.24	0.02	1.53	7.4	-45.1	Clear	No Odor
11:25	5	130	4.60	0.85	6.37	3.99	0.02	1.30	7.5	-53.2	Clear	No Odor
11:30	5	130	4.60	1.02	6.37	4.12	0.02	1.30	7.5	-60.8	Clear	No Odor
11:35	5	130	4.60	1.19	6.36	4.12	0.02	1.28	7.6	-64.9	Clear	No Odor
11:40	5	130	4.60	1.36	6.36	4.15	0.02	1.25	7.6	-68.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-132S			Date	2-8-22
Project Name/Location		Ford LTP		Weather	24.1 degrees F and Haze. The wind is blowing S/SW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.60	Total Depth (ft-bmp)	12.10	Water Column (ft.)	6.50	Gallons in Well	1.06
		Pump Intake (ft-bmp)	7.10	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.19				
Sample Time: Label	14:10	Volume Purged	1.26 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	13:26						
Purge End	14:17						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:30	0	110	5.60	0.00	6.81	1.70	20.60	4.27	6.7	37.8	Clear, Small Orange Particulates	Faint Odor
13:35	5	110	5.40	0.15	6.56	1.70	16.40	3.70	6.5	36.1	Clear, Small Orange Particulates	Faint Odor
13:40	5	120	5.80	0.30	6.55	1.70	10.30	3.66	6.5	36.1	Clear, Small Orange Particulates	Faint Odor
13:45	5	120	5.80	0.46	6.45	1.69	9.90	3.28	6.6	32.4	Clear	Faint Odor
13:50	5	120	5.80	0.62	6.45	1.68	6.42	3.24	6.6	33.9	Clear	Faint Odor
13:55	5	120	5.60	0.78	6.38	1.80	3.32	3.01	6.7	31.1	Clear, Small Orange Particulates	Faint Odor
14:00	5	120	5.60	0.94	6.38	1.69	2.87	3.00	6.6	30.9	Clear	No Odor
14:05	5	120	5.60	1.10	6.36	1.68	2.61	2.84	6.7	28.0	Clear, Small Orange Particulates	No Odor
14:10	5	120	5.60	1.26	6.36	1.68	0.02	2.74	6.7	27.6	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-133S			Date	2-22-22
Project Name/Location	Ford LTP			Weather	53.1 degrees F and Light Rain and Fog/Mist. The wind is blowing SW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.97	Total Depth (ft-bmp)	8.50	Water Column (ft.)	2.53	Gallons in Well	0.41
		Pump Intake (ft-bmp)	7.47	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.63				
Sample Time: Label	15:11	Volume Purged	1.08 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:37						
Purge End	15:21						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:40	0	135	5.99	0.00	7.43	0.61	13.30	1.67	8.3	73.4	Clear, Small Brown Particulates	No Odor
14:45	5	135	5.99	0.18	7.43	0.62	5.46	1.71	8.2	72.3	Clear, Small Brown Particulates	No Odor
14:50	5	135	5.99	0.36	7.44	0.61	3.47	1.74	8.3	71.2	Clear	No Odor
14:55	5	135	6.00	0.54	7.44	0.61	1.23	1.65	8.2	70.4	Clear	No Odor
15:00	5	135	6.00	0.72	7.44	0.61	0.02	1.71	8.2	70.1	Clear	No Odor
15:05	5	135	6.00	0.90	7.44	0.61	0.02	1.70	8.2	69.8	Clear	No Odor
15:10	5	135	6.00	1.08	7.44	0.61	0.02	1.80	8.2	69.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

4 inches of water in vault, bailed out before opening J-plug

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-134S			Date	2-15-22
Project Name/Location	Ford LTP			Weather	15.1 degrees F and Fog/Mist. The wind is blowing E at 2.2 mph		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.28	Total Depth (ft-bmp)	9.45	Water Column (ft.)	2.17	Gallons in Well	0.35
		Pump Intake (ft-bmp)	8.78	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.89				
Sample Time: Label	10:50	Volume Purged	1.36 gallons	Replicate/Code No.	MW-134S-MS_021522, MW-134S-MSD_021522	Sampled by	Christian Garrido
Purge Start	10:08						
Purge End	11:01						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:10	0	130	7.30	0.00	7.64	0.63	2.67	1.30	8.4	21.8	Clear	No Odor
10:15	5	130	7.30	0.17	7.70	0.53	1.48	0.92	8.7	-4.0	Clear	No Odor
10:20	5	130	7.70	0.34	7.62	0.50	0.62	1.00	8.7	-14.1	Clear	No Odor
10:25	5	130	7.70	0.51	7.60	0.49	0.02	0.82	8.6	-19.4	Clear	No Odor
10:30	5	120	7.60	0.68	7.60	0.47	0.02	0.72	8.8	-21.9	Clear	No Odor
10:35	5	130	7.60	0.84	7.59	0.46	0.02	0.52	8.9	-24.6	Clear	No Odor
10:40	5	139	7.60	1.01	7.58	0.46	0.02	0.42	8.8	-26.2	Clear	No Odor
10:45	5	130	7.60	1.19	7.58	0.46	0.02	0.43	8.8	-27.5	Clear	No Odor
10:50	5	130	7.60	1.36	7.58	0.46	0.02	0.42	8.8	-27.5	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-135S			Date	2-11-22
Project Name/Location		Ford LTP		Weather	37.0 degrees F and Light Rain.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.20	Total Depth (ft-bmp)	9.70	Water Column (ft.)	3.50	Gallons in Well	0.57
		Pump Intake (ft-bmp)	7.70	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.79				
Sample Time: Label	12:00	Volume Purged	1.02 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	11:28						
Purge End	12:09						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:30	0	130	6.20	0.00	4.90	0.58	84.50	2.18	8.0	36.6	Clear, Small Orange Particulates	Faint Odor
11:35	5	130	6.10	0.17	4.67	0.58	52.80	1.08	8.0	37.7	Clear, Small Orange Particulates	Faint Odor
11:40	5	130	6.50	0.34	4.93	0.57	22.50	0.93	8.0	37.8	Clear, Small Orange Particulates	No Odor
11:45	5	130	6.50	0.51	4.96	5.62	18.90	0.85	8.0	36.6	Clear, Small Orange Particulates	No Odor
11:50	5	130	6.50	0.68	4.97	0.56	0.02	0.86	7.9	36.4	Clear, Small Orange Particulates	No Odor
11:55	5	130	6.50	0.85	4.98	0.56	0.02	0.82	7.8	36.2	Clear, Small Orange Particulates	No Odor
12:00	5	130	6.40	1.02	4.95	0.56	0.02	0.84	7.7	35.7	Clear, Small Orange Particulates	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-136S			Date	3-3-22
Project Name/Location		Ford LTP		Weather	23.0 degrees F and Mostly Cloudy. The wind is blowing N at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.78	Total Depth (ft-bmp)	7.13	Water Column (ft.)	4.35	Gallons in Well	0.71
		Pump Intake (ft-bmp)	4.28	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.03				
Sample Time: Label	10:46	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:03						
Purge End	10:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:05	0	135	2.90	0.00	7.61	0.77	9.91	2.04	3.1	124.1	Clear, Small Orange Particulates	No Odor
10:10	5	135	2.92	0.18	7.60	0.75	11.10	1.80	3.0	100.7	Clear, Small Orange Particulates	No Odor
10:15	5	135	2.92	0.36	7.60	0.76	8.84	1.65	3.1	85.8	Clear	No Odor
10:20	5	135	2.92	0.54	7.60	0.77	7.07	1.51	3.1	72.5	Clear	No Odor
10:25	5	135	2.92	0.72	7.60	0.77	5.40	1.43	3.1	63.6	Clear	No Odor
10:30	5	135	2.92	0.90	7.60	0.78	4.86	1.50	3.1	53.4	Clear	No Odor
10:35	5	135	2.92	1.08	7.60	0.79	4.37	1.31	3.1	45.3	Clear	No Odor
10:40	5	135	2.92	1.26	7.60	0.79	4.34	1.28	3.1	40.1	Clear	No Odor
10:45	5	135	2.92	1.44	7.60	0.79	3.76	1.25	3.1	35.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

2 inches of ice over casing, chipped out before opening vault and J-plug

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Capitol ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-137S			Date	2-25-22
Project Name/Location		Ford LTP		Weather	21.0 degrees F and Mostly Cloudy. The wind is blowing NW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.80	Total Depth (ft-bmp)	7.02	Water Column (ft.)	5.22	Gallons in Well	0.85
		Pump Intake (ft-bmp)	3.30	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.92				
Sample Time: Label	13:40	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	13:03						
Purge End	13:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:05	0	100	1.80	0.00	7.16	1.18	25.30	0.62	4.4	22.3	Clear	No Odor
13:10	5	100	1.80	0.13	7.10	1.15	8.68	0.17	3.9	20.1	Clear	No Odor
13:15	5	100	1.80	0.26	7.08	1.13	4.66	0.11	3.7	16.0	Clear	No Odor
13:20	5	100	1.80	0.39	7.07	1.13	1.50	0.09	3.6	13.6	Clear	No Odor
13:25	5	100	1.80	0.52	7.07	1.11	2.87	0.11	3.4	11.8	Clear	No Odor
13:30	5	100	1.80	0.65	7.07	1.10	1.76	0.11	3.4	10.4	Clear	No Odor
13:35	5	100	1.81	0.78	7.07	1.09	0.87	0.09	3.4	9.8	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Vault full of water and ice, bailed standing water prior to opening J-plug

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Brewster ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-138S			Date	2-21-22
Project Name/Location		Ford LTP		Weather	39.9 degrees F and Mostly Cloudy. The wind is blowing E/NE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	0.85	Total Depth (ft-bmp)	5.95	Water Column (ft.)	5.10	Gallons in Well	0.83
		Pump Intake (ft-bmp)	2.35	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.10				
Sample Time: Label	13:10	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	12:26						
Purge End	13:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:30	0	100	0.85	0.00	7.19	1.69	116.00	1.97	4.9	54.8	Clear, Small Orange Particulates	No Odor
12:35	5	100	0.85	0.13	7.18	1.71	76.80	0.18	4.9	11.0	Clear, Small Orange Particulates	No Odor
12:40	5	100	0.85	0.26	7.20	1.68	49.00	0.10	4.8	-11.1	Clear, Small Orange Particulates	No Odor
12:45	5	100	0.85	0.39	7.20	1.65	31.60	0.08	4.7	-24.8	Clear, Small Orange Particulates	No Odor
12:50	5	100	0.85	0.52	7.20	1.64	17.40	0.06	4.9	-33.9	Clear	No Odor
12:55	5	100	0.85	0.65	7.20	1.62	11.20	0.03	4.9	-40.2	Clear	No Odor
13:00	5	100	0.86	0.78	7.20	1.61	11.60	0.00	4.8	-44.2	Clear	No Odor
13:05	5	100	0.86	0.91	7.20	1.61	10.90	0.06	4.8	-46.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Vault full of water upon arrival, bailed prior to opening J-plug

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-139S			Date	2-16-22
Project Name/Location		Ford LTP		Weather	46.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.81	Total Depth (ft-bmp)	6.91	Water Column (ft.)	4.10	Gallons in Well	0.67
		Pump Intake (ft-bmp)	4.31	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.75				
Sample Time: Label	11:30	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	10:37						
Purge End	11:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	100	2.81	0.00	7.10	1.78	223.00	0.68	7.6	43.6	Orange, Small Orange Particulates	No Odor
10:45	5	100	2.81	0.13	7.12	1.73	120.00	0.55	7.4	24.2	Orange, Small Orange Particulates	No Odor
10:50	5	100	2.81	0.26	7.12	1.65	49.80	0.43	7.4	15.8	Clear, Orange	No Odor
10:55	5	100	2.81	0.39	7.13	1.54	24.60	0.32	7.4	10.4	Clear	No Odor
11:00	5	100	2.81	0.52	7.13	1.45	30.90	0.26	7.4	9.0	Clear, Small Orange Particulates	No Odor
11:05	5	100	2.81	0.65	7.13	1.40	12.50	0.25	7.4	5.4	Clear	No Odor
11:10	5	100	2.81	0.78	7.13	1.38	4.32	0.20	7.4	3.8	Clear	No Odor
11:15	5	100	2.81	0.91	7.12	1.33	3.77	0.19	7.4	1.5	Clear	No Odor
11:20	5	100	2.82	1.04	7.14	1.31	3.62	0.17	7.5	-0.6	Clear	No Odor
11:25	5	100	2.82	1.17	7.14	1.30	3.42	0.17	7.5	-1.3	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-140S			Date	2-22-22
Project Name/Location		Ford LTP		Weather	46.9 degrees F and Light Rain and Fog/Mist. The wind is blowing S at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.75	Total Depth (ft-bmp)	6.45	Water Column (ft.)	3.70	Gallons in Well	0.60
		Pump Intake (ft-bmp)	4.25	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.95				
Sample Time: Label	13:55	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	13:03						
Purge End	14:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:05	0	100	2.75	0.00	8.00	0.43	35.90	11.20	6.6	-25.2	Clear, Orange	No Odor
13:10	5	100	2.75	0.13	7.72	0.39	25.70	8.57	5.7	-12.5	Clear, Orange	No Odor
13:15	5	100	2.75	0.26	7.63	0.31	22.50	8.88	5.5	-2.5	Clear	No Odor
13:20	5	100	2.75	0.39	7.59	0.27	24.10	9.18	5.4	7.5	Clear	No Odor
13:25	5	100	2.75	0.52	7.52	0.26	19.60	9.46	5.4	16.1	Clear	No Odor
13:30	5	100	2.75	0.65	7.49	0.25	20.30	9.62	5.4	20.7	Clear	No Odor
13:35	5	100	2.75	0.78	7.46	0.25	22.80	9.79	5.3	26.2	Clear	No Odor
13:40	5	100	2.76	0.91	7.42	0.25	20.80	9.78	4.8	32.1	Clear	No Odor
13:45	5	100	2.76	1.04	7.40	0.25	20.30	9.88	4.8	36.6	Clear	No Odor
13:50	5	100	2.76	1.17	7.39	0.26	20.20	9.73	4.8	40.2	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

Vault full of water and ice , bailed out prior to opening J-plug

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-141S			Date	2-22-22
Project Name/Location		Ford LTP		Weather	43.0 degrees F and Cloudy. The wind is blowing SE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.55	Total Depth (ft-bmp)	7.69	Water Column (ft.)	3.14	Gallons in Well	0.51
		Pump Intake (ft-bmp)	6.05	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.27				
Sample Time: Label	9:40	Volume Purged	0.65 gallons	Replicate/Code No.	--	Sampled by	Dominic Harmon
Purge Start	8:58						
Purge End	9:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:00	0	100	4.55	0.00	7.01	1.22	22.80	4.31	6.9	85.5	Clear	No Odor
9:05	5	100	4.55	0.13	7.01	1.17	16.10	4.36	6.6	76.5	Clear	No Odor
9:10	5	100	4.55	0.26	7.11	1.01	25.70	4.38	6.4	65.5	Clear, Small Black Particulates	No Odor
9:15	5	100	4.55	0.13	7.10	1.06	20.10	4.32	6.4	64.5	Clear, Small Black Particulates	No Odor
9:20	5	100	4.55	0.26	7.09	1.12	13.30	4.40	6.4	64.3	Clear, Small Black Particulates	No Odor
9:25	5	100	4.55	0.39	7.07	1.23	4.14	4.09	6.5	64.4	Clear	No Odor
9:30	5	100	4.55	0.52	7.07	1.26	2.92	4.10	6.5	63.0	Clear	No Odor
9:35	5	100	4.55	0.65	7.07	1.26	1.99	4.09	6.5	63.1	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-142S			Date	2-9-22
Project Name/Location		Ford LTP		Weather	35.1 degrees F and Cloudy. The wind is blowing S/SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.40	Total Depth (ft-bmp)	6.80	Water Column (ft.)	2.40	Gallons in Well	0.39
		Pump Intake (ft-bmp)	5.90	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.28				
Sample Time: Label	9:20	Volume Purged	1.28 gallons	Replicate/Code No.	--	Sampled by	Christian Garrido
Purge Start	8:38						
Purge End	9:24						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:40	0	120	4.40	0.00	6.46	1.08	28.80	5.02	5.6	71.0	Clear, Small Orange Particulates	Slight Odor
8:45	5	120	4.40	0.16	6.44	1.09	22.70	4.20	5.5	70.6	Clear, Small Orange Particulates	Slight Odor
8:50	5	120	4.80	0.32	6.42	1.09	0.72	3.79	5.4	69.7	Clear, Small Orange Particulates	Faint Odor
8:55	5	120	4.80	0.48	6.41	1.09	0.02	3.74	5.4	69.1	Clear, Small Orange Particulates	Faint Odor
9:00	5	120	4.80	0.64	6.38	1.11	0.02	3.22	5.4	58.8	Clear	Faint Odor
9:05	5	120	4.50	0.80	6.38	1.10	0.02	3.30	5.4	47.9	Clear	Faint Odor
9:10	5	120	4.50	0.96	6.40	1.12	0.02	2.72	5.5	40.9	Clear	Faint Odor
9:15	5	120	4.50	1.12	6.40	1.11	0.02	2.77	5.5	39.9	Clear	No Odor
9:20	5	120	4.50	1.28	6.40	1.12	0.02	2.76	5.5	37.1	Clear	Faint Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-192S			Date	2-18-22
Project Name/Location	Ford LTP			Weather	17.1 degrees F and Partly Cloudy. The wind is blowing W/NW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.63	Total Depth (ft-bmp)	7.65	Water Column (ft.)	6.02	Gallons in Well	0.98
		Pump Intake (ft-bmp)	3.13	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.59				
Sample Time: Label	12:07	Volume Purged	1.56 gallons	Replicate/Code No.	MW-192S-MS_021822, MW-192S-MSD_021822	Sampled by	Dominic Harmon
Purge Start	10:58						
Purge End	12:14						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:00	0	100	1.63	0.00	7.33	0.59	121.00	6.06	2.5	75.3	Cloudy, Orange	No Odor
11:05	5	100	1.63	0.13	7.32	0.61	89.10	4.25	2.3	70.0	Cloudy, Orange	No Odor
11:10	5	100	1.63	0.26	7.34	0.54	82.70	5.63	0.9	63.1	Cloudy, Orange	No Odor
11:15	5	100	1.63	0.39	7.35	0.54	63.40	5.21	1.1	61.9	Clear, Cloudy, Orange	No Odor
11:20	5	100	1.63	0.52	7.33	0.68	56.40	3.09	2.0	55.0	Clear, Orange	No Odor
11:25	5	100	1.63	0.65	7.33	0.72	54.60	2.61	1.9	51.0	Clear	No Odor
11:30	5	100	1.63	0.78	7.33	0.81	47.60	2.09	1.8	47.4	Clear	No Odor
11:35	5	100	1.63	0.91	7.34	0.89	39.80	1.75	2.0	44.0	Clear	No Odor
11:40	5	100	1.63	1.04	7.36	0.94	31.40	1.51	1.9	43.0	Clear	No Odor
11:45	5	100	1.63	1.17	7.36	0.98	21.00	1.30	2.0	42.3	Clear	No Odor
11:50	5	100	1.63	1.30	7.38	1.01	12.50	1.15	1.9	41.5	Clear	No Odor
11:55	5	100	1.63	1.43	7.39	1.03	9.29	1.09	1.9	41.2	Clear	No Odor
12:00	5	100	1.64	1.56	7.40	1.05	6.83	1.05	1.8	40.0	Clear	No Odor
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* **Turbidity** < 50 NTU and ±10% or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments

None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* | *1.25" = 0.06* | *1.5" = 0.09* | *2" = 0.16* | *2.5" = 0.26* | *3" = 0.37* | *3.5" = 0.50* | *4" = 0.65* | *6" = 1.47*

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-15-61D			Date	05-14-2022
Project Name/Location		Ford LTP		Weather	66.0 degrees F and Partly Cloudy. The wind is blowing S/SE at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	88.0-93.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	24.29	Total Depth (ft-bmp)	93.75	Water Column (ft.)	69.46	Gallons in Well	11.29
		Pump Intake (ft-bmp)	90.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.19		--		
Sample Time: Label	09:20	Volume Purged	2.12 gallons	Replicate/Code No.		Sampled by	Christina Weaver
Purge Start	08:40						
Purge End	09:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:45	0	200	23.66	0.00	7.35	1.57	0.79	1.33	14.9	-84.1	Clear	No Odor
08:50	5	200	25.42	0.26	7.33	1.55	15.60	0.75	14.8	-107.1	Clear	No Odor
08:55	5	300	26.26	0.52	7.35	1.55	10.70	0.65	14.8	-110.8	Clear	No Odor
09:00	5	300	28.15	0.92	7.40	1.54	1.37	0.55	14.8	-110.7	Clear	No Odor
09:05	5	300	28.72	1.32	7.43	1.54	4.28	0.49	14.9	-111.9	Clear	No Odor
09:10	5	300	30.51	1.72	7.45	1.53	0.85	0.47	15.0	-112.4	Clear	No Odor
09:15	5	300	30.58	2.12	7.46	1.53	1.53	0.47	15.0	-112.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-30			Date	05-14-2022
Project Name/Location		Ford LTP		Weather	66.0 degrees F and Partly Cloudy. The wind is blowing S/SE at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.0-24.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.75	Total Depth (ft-bmp)	24.73	Water Column (ft.)	15.98	Gallons in Well	2.6
		Pump Intake (ft-bmp)	21.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.54		--		Sommer Guy
Sample Time:	Label 09:45	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:05						
	Purge End 09:48						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:06	0	150	9.27	0.00	7.59	5.59	91.40	0.93	13.2	125.6	Clear, Small Orange Particulates	No Odor
09:11	5	150	9.76	0.20	7.42	5.45	73.80	0.18	13.1	-61.9	Clear, Small Orange Particulates	No Odor
09:16	5	150	9.88	0.40	7.42	5.37	32.30	0.14	13.4	-112.9	Clear, Small Orange Particulates	No Odor
09:21	5	150	9.97	0.60	7.40	5.31	34.40	0.10	13.4	-124.9	Clear, Small Orange Particulates	No Odor
09:26	5	150	10.01	0.80	7.40	5.28	30.20	0.09	13.5	-132.6	Clear, Small Orange Particulates	No Odor
09:31	5	150	10.01	1.00	7.40	5.30	24.90	0.08	13.5	-132.4	Clear, Small Orange Particulates	No Odor
09:36	5	150	10.01	1.20	7.40	5.28	23.30	0.06	13.6	-136.4	Clear, Small Orange Particulates	No Odor
09:41	5	150	10.02	1.40	7.41	5.27	24.40	0.06	13.6	-139.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-31			Date	05-14-2022
Project Name/Location	Ford LTP			Weather	66.9 degrees F and Partly Cloudy. The wind is blowing S at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17.0-22.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.14	Total Depth (ft-bmp)	21.64	Water Column (ft.)	12.5	Gallons in Well	2.03
		Pump Intake (ft-bmp)	19.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.5		--		Gary Schafer
Sample Time:	Label 10:31	Volume Purged	1.02 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:57						
	Purge End 10:38						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:00	0	125	9.23	0.00	7.45	17.56	21.20	5.16	13.9	-99.2	Clear	No Odor
10:05	5	125	9.23	0.17	7.51	17.65	16.20	1.04	13.9	-102.5	Clear, Small Orange Particulates	No Odor
10:10	5	125	9.23	0.34	7.55	17.47	8.34	0.55	13.4	-110.6	Clear, Small Orange Particulates	No Odor
10:15	5	125	9.25	0.51	7.56	17.47	3.65	0.45	13.5	-115.6	Clear	No Odor
10:20	5	125	9.25	0.68	7.56	17.50	3.03	0.40	13.4	-118.3	Clear	No Odor
10:25	5	125	9.25	0.85	7.56	17.49	2.56	0.34	13.4	-119.3	Clear	No Odor
10:30	5	125	9.25	1.02	7.56	17.44	1.60	0.32	13.5	-121.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	On Site, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-32			Date	05-11-2022
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Cloudy. The wind is blowing S/SE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	18.0-23.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.69	Total Depth (ft-bmp)	22.83	Water Column (ft.)	14.14	Gallons in Well	2.3
		Pump Intake (ft-bmp)	20.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.53		--		
Sample Time: Label	13:55	Volume Purged	3.52 gallons	Replicate/Code No.		Sampled by	Ellen Redner
Purge Start	12:35						
Purge End	14:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:40	0	200	8.98	0.00	7.06	4.54	194.00	2.53	12.1	85.8	Small Orange Particulates, Yellow	No Odor
12:45	5	200	9.04	0.26	7.07	4.55	124.00	1.20	12.0	82.9	Small Orange Particulates, Yellow	No Odor
12:50	5	200	9.06	0.52	7.11	4.56	117.00	0.74	12.1	77.0	Small Orange Particulates, Yellow	No Odor
12:55	5	200	9.06	0.78	7.13	4.58	102.00	0.57	12.1	68.6	Small Orange Particulates, Yellow	No Odor
13:00	5	200	9.06	1.04	7.14	4.59	100.00	0.53	12.0	59.3	Clear, Small Orange Particulates	No Odor
13:05	5	200	9.06	1.30	7.15	4.61	95.90	0.46	12.2	48.0	Clear, Small Orange Particulates	No Odor
13:10	5	200	9.06	1.56	7.16	4.64	81.50	0.44	12.2	35.8	Clear, Small Orange Particulates	No Odor
13:15	5	200	9.06	1.82	7.16	4.66	74.40	0.44	12.4	24.1	Clear, Small Orange Particulates	No Odor
13:20	5	200	9.06	2.08	7.16	4.70	86.70	0.39	12.4	3.4	Clear, Small Orange Particulates	No Odor
13:25	5	200	9.06	2.34	7.16	4.70	69.90	0.38	12.5	-4.3	Clear, Small Orange Particulates	No Odor
13:30	5	200	9.06	2.60	7.16	4.71	73.80	0.40	12.3	-9.1	Clear, Small Orange Particulates	No Odor
13:35	5	200	9.06	2.86	7.16	4.71	71.90	0.41	12.3	-21.8	Clear, Small Orange Particulates	No Odor
13:40	5	150	9.02	3.12	7.17	4.72	70.20	0.41	12.6	-33.2	Clear, Small Orange Particulates	No Odor
13:45	5	150	9.00	3.32	7.17	4.74	58.30	0.42	12.6	-37.7	Clear, Small Orange Particulates	No Odor
13:50	5	150	8.98	3.52	7.16	4.75	43.70	0.43	12.7	-47.8	Clear, Small Orange Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	On site, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-33			Date	05-10-2022
Project Name/Location		Ford LTP		Weather	80.1 degrees F and Mostly Cloudy. The wind is blowing SE at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14.0-19.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.95	Total Depth (ft-bmp)	18.41	Water Column (ft.)	11.46	Gallons in Well	1.86
		Pump Intake (ft-bmp)	16.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.68		--		
Sample Time: Label	17:00	Volume Purged	3.12 gallons	Replicate/Code No.		Sampled by	Ellen Redner
Purge Start	15:55						
Purge End	17:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:00	0	200	7.15	0.00	6.88	4.67	137.00	4.79	12.9	-15.1	Clear, Small Orange Particulates	No Odor
16:05	5	200	7.12	0.26	6.91	4.70	113.00	1.87	13.0	-19.1	Clear, Small Orange Particulates	No Odor
16:10	5	200	7.12	0.52	6.95	4.75	71.00	1.27	12.9	-24.1	Clear, Small Orange Particulates	No Odor
16:15	5	200	7.12	0.78	6.97	4.93	69.60	1.11	13.1	-28.7	Clear, Small Orange Particulates	No Odor
16:20	5	200	7.13	1.04	6.97	5.10	43.60	0.97	12.6	-33.0	Clear, Small Orange Particulates	No Odor
16:25	5	200	7.13	1.30	6.97	5.29	30.50	0.88	12.6	-38.3	Clear, Small Orange Particulates	No Odor
16:30	5	200	7.13	1.56	6.99	5.42	32.90	0.75	12.9	-46.5	Clear, Small Orange Particulates	No Odor
16:35	5	200	7.14	1.82	7.00	5.47	37.00	0.69	12.9	-52.8	Clear, Small Orange Particulates	No Odor
16:40	5	200	7.14	2.08	7.00	5.53	23.80	0.70	12.8	-60.2	Clear, Small Orange Particulates	No Odor
16:45	5	200	7.14	2.34	7.00	5.61	20.30	0.69	12.9	-65.8	Clear, Small White Particulates	No Odor
16:50	5	200	7.15	2.60	7.01	5.64	18.10	0.68	13.0	-68.9	Clear, Small Orange Particulates	No Odor
16:55	5	200	7.15	2.86	7.01	5.64	17.90	0.69	12.5	-71.4	Clear, Small Orange Particulates	No Odor
17:00	5	200	7.15	3.12	7.01	5.65	13.20	0.67	12.7	-73.7	Clear, Small Orange Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-34			Date	05-21-2022
Project Name/Location	Ford LTP			Weather	It is Cloudy. The wind is blowing S/SW at 11.4 mph. 73F		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.5-21.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.93	Total Depth (ft-bmp)	21.5	Water Column (ft.)	13.57	Gallons in Well	2.21
		Pump Intake (ft-bmp)	19	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.54		--		Sommer Guy
Sample Time: Label	13:15	Volume Purged	1.2 gallons	Replicate/Code No.		Sampled by	
Purge Start	12:40						
Purge End	13:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:42	0	150	8.65	0.00	7.28	13.00	6.15	1.10	15.4	-107.9	Clear	No Odor
12:47	5	150	8.93	0.20	7.27	13.02	7.07	0.49	15.4	-109.4	Clear	No Odor
12:52	5	150	9.14	0.40	7.28	13.00	6.15	0.17	15.1	-111.4	Clear	No Odor
12:57	5	150	9.21	0.60	7.29	12.89	3.62	0.12	15.3	-111.6	Clear	No Odor
13:02	5	150	9.25	0.80	7.29	12.76	3.79	0.09	15.1	-111.7	Clear	No Odor
13:07	5	150	9.28	1.00	7.29	12.70	2.70	0.07	15.0	-112.3	Clear	No Odor
13:12	5	150	9.28	1.20	7.30	12.60	3.26	0.07	15.2	-112.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
1" = 0.04	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-35			Date	05-14-2022
Project Name/Location	Ford LTP			Weather	75.0 degrees F and Partly Cloudy. The wind is blowing S at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.5-24.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.35	Total Depth (ft-bmp)	24.1	Water Column (ft.)	17.75	Gallons in Well	2.88
		Pump Intake (ft-bmp)	22	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.54		--		
Sample Time: Label	12:08	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Christina Weaver
Purge Start	11:34						
Purge End	12:13						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:35	0	200	7.11	0.00	7.51	11.20	23.40	0.98	17.4	-128.8	Clear	No Odor
11:40	5	200	7.32	0.26	7.57	8.25	48.20	0.32	16.4	-141.8	Clear	No Odor
11:45	5	200	7.61	0.52	7.57	8.04	35.50	0.17	15.7	-144.8	Clear, Small White Particulates	No Odor
11:50	5	200	7.63	0.78	7.57	8.04	38.50	0.15	17.0	-149.0	Clear	No Odor
11:55	5	200	7.63	1.04	7.57	8.01	38.20	0.14	17.0	-154.7	Clear	No Odor
12:00	5	200	7.63	1.30	7.57	7.95	36.80	0.12	17.0	-158.1	Clear	No Odor
12:05	5	200	7.64	1.56	7.57	7.98	35.50	0.11	16.8	-163.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-38			Date	05-10-2022
Project Name/Location	Ford LTP			Weather	73.0 degrees F and Mostly Cloudy. The wind is blowing S at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.7	Total Depth (ft-bmp)	19.5	Water Column (ft.)	12.8	Gallons in Well	2.08
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.88		--		
Sample Time: Label	14:00	Volume Purged	1.82 gallons	Replicate/Code No.		Sampled by	Ellen Redner
Purge Start	13:15						
Purge End	14:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	200	7.00	0.00	7.31	3.13	22.70	5.78	12.5	-30.7	Clear, Small Orange Particulates	No Odor
13:25	5	200	7.00	0.26	7.33	3.12	2.19	3.83	12.4	-61.3	Clear	No Odor
13:30	5	200	7.00	0.52	7.35	3.10	3.89	3.26	12.2	-87.4	Clear	No Odor
13:35	5	200	7.00	0.78	7.37	3.09	1.23	3.01	12.2	-100.4	Clear	No Odor
13:40	5	200	7.00	1.04	7.37	3.07	1.63	2.83	12.2	-112.5	Clear	No Odor
13:45	5	200	7.01	1.30	7.38	3.07	2.07	2.79	12.2	-122.6	Clear	No Odor
13:50	5	200	7.01	1.56	7.37	3.04	1.02	2.61	12.3	-128.1	Clear	No Odor
13:55	5	200	7.01	1.82	7.37	3.05	2.33	2.63	12.1	-131.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
1" = 0.04	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*
3.5" = 0.50	*4" = 0.65*	*6" = 1.47*			

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-39			Date	05-11-2022
Project Name/Location	Ford LTP			Weather	66.0 degrees F and Cloudy. The wind is blowing S/SE at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.5-24.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.16	Total Depth (ft-bmp)	23.93	Water Column (ft.)	13.77	Gallons in Well	2.24
		Pump Intake (ft-bmp)	22	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.39		--		Ellen Redner
Sample Time: Label	10:35	Volume Purged	3.12 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:30						
Purge End	10:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:35	0	200	10.20	0.00	7.10	4.09	50.20	2.52	12.1	125.7	Clear, Small Black Particulates	No Odor
09:40	5	200	10.20	0.26	7.10	4.11	33.30	1.64	11.9	122.3	Clear, Small Black Particulates	No Odor
09:45	5	200	10.20	0.52	7.12	4.12	28.60	1.28	11.8	118.1	Clear, Small Black Particulates	No Odor
09:50	5	200	10.20	0.78	7.14	4.11	21.70	1.04	11.8	114.7	Clear, Small Black Particulates	No Odor
09:55	5	200	10.21	1.04	7.14	4.11	20.10	0.88	11.8	112.7	Clear, Small Black Particulates	No Odor
10:00	5	200	10.21	1.30	7.14	4.11	18.20	0.64	11.8	107.0	Clear, Small Black Particulates	No Odor
10:05	5	200	10.21	1.56	7.15	4.10	16.10	0.65	11.9	103.2	Clear	No Odor
10:10	5	200	10.21	1.82	7.16	4.10	13.00	0.77	12.1	98.9	Clear	No Odor
10:15	5	200	10.21	2.08	7.16	4.10	16.80	0.71	12.0	95.9	Clear	No Odor
10:20	5	200	10.21	2.34	7.16	4.10	15.70	0.69	12.3	93.0	Clear	No Odor
10:25	5	200	10.21	2.60	7.16	4.10	10.70	0.74	12.3	90.1	Clear	No Odor
10:30	5	200	10.21	2.86	7.16	4.10	9.75	0.73	12.2	88.3	Clear	No Odor
10:35	5	200	10.21	3.12	7.16	4.10	9.09	0.76	12.2	86.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-40			Date	05-14-2022
Project Name/Location		Ford LTP		Weather	66.0 degrees F and Partly Cloudy. The wind is blowing S/SE at 3.4 mph.		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		9.1	Total Depth (ft-bmp)	19.65	Water Column (ft.)	10.55	Gallons in Well	1.71
			Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	0.89		--		
Sample Time:	Label	09:31	Volume Purged	1.53 gallons	Replicate/Code No.		Sampled by	Gary Schafer
	Purge Start	08:43						
	Purge End	09:38						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:45	0	125	9.22	0.00	7.31	16.83	36.10	3.76	13.0	171.4	Clear, Small Orange Particulates	No Odor
08:50	5	125	9.22	0.17	7.39	16.86	31.30	1.68	12.9	67.8	Clear, Small Orange Particulates	No Odor
08:55	5	125	9.22	0.34	7.40	16.89	20.90	0.90	12.9	-27.8	Clear, Small Orange Particulates	No Odor
09:00	5	125	9.22	0.51	7.40	16.91	15.50	0.75	12.9	-47.9	Clear	No Odor
09:05	5	125	9.22	0.68	7.40	16.92	12.20	0.59	13.0	-63.9	Clear	No Odor
09:10	5	125	9.22	0.85	7.41	16.88	16.30	0.60	13.0	-68.1	Clear	No Odor
09:15	5	125	9.22	1.02	7.41	16.86	15.70	0.58	13.3	-70.5	Clear	No Odor
09:20	5	125	9.22	1.19	7.41	16.86	14.50	0.52	13.3	-75.5	Clear	No Odor
09:25	5	125	9.22	1.36	7.40	16.88	15.90	0.55	13.3	-79.4	Clear	No Odor
09:30	5	125	9.22	1.53	7.41	16.84	14.40	0.54	13.4	-82.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	On Site	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-41			Date	05-14-2022
Project Name/Location	Ford LTP			Weather	75.0 degrees F and Partly Cloudy. The wind is blowing S at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.04	Total Depth (ft-bmp)	20.95	Water Column (ft.)	12.91	Gallons in Well	2.1
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.67		--		Sommer Guy
Sample Time:	Label 12:17	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:36						
	Purge End 12:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:38	0	150	8.28	0.00	8.01	19.58	21.40	1.83	16.1	-31.6	Clear, Small Orange Particulates	No Odor
11:43	5	150	8.30	0.20	7.46	19.35	10.70	0.60	15.2	-155.6	Clear, Small Orange Particulates	No Odor
11:48	5	150	8.30	0.40	7.42	19.33	7.62	0.66	15.0	-130.3	Clear, Small Orange Particulates	No Odor
11:53	5	150	8.30	0.60	7.41	19.27	6.01	0.58	15.3	-121.3	Clear, Small Orange Particulates	No Odor
11:58	5	150	8.30	0.80	7.38	19.25	4.61	0.50	15.2	-117.4	Clear	No Odor
12:03	5	150	8.30	1.00	7.37	19.37	4.20	0.45	14.7	-118.5	Clear	No Odor
12:08	5	150	8.30	1.20	7.36	19.35	3.77	0.39	14.9	-115.4	Clear	No Odor
12:13	5	150	8.30	1.40	7.35	19.46	2.49	0.34	15.1	-114.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-42			Date	05-14-2022
Project Name/Location	Ford LTP			Weather	66.9 degrees F and Partly Cloudy. The wind is blowing S at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.35	Total Depth (ft-bmp)	20.45	Water Column (ft.)	13.1	Gallons in Well	2.13
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.98		--		
Sample Time: Label	10:33	Volume Purged	2.08 gallons	Replicate/Code No.		Sampled by	Christina Weaver
Purge Start	09:48						
Purge End	10:38						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:50	0	200	7.54	0.00	7.18	25.54	3.84	3.50	15.9	-123.1	Clear	No Odor
09:55	5	200	7.54	0.26	7.19	25.68	6.97	0.44	15.7	-130.6	Clear	No Odor
10:00	5	200	7.52	0.52	7.22	25.56	4.39	0.23	15.4	-134.9	Clear	No Odor
10:05	5	200	7.53	0.78	7.22	25.47	3.25	0.24	15.9	-136.9	Clear	No Odor
10:10	5	200	7.52	1.04	7.24	25.04	8.11	0.17	15.9	-138.1	Clear	No Odor
10:15	5	200	7.54	1.30	7.24	24.89	9.64	0.16	15.9	-138.5	Clear	No Odor
10:20	5	200	7.54	1.56	7.24	24.86	8.69	0.17	16.1	-139.5	Clear	No Odor
10:25	5	200	7.54	1.82	7.25	24.88	8.23	0.15	16.1	-140.5	Clear	No Odor
10:30	5	200	7.54	2.08	7.25	24.87	8.18	0.13	16.0	-141.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-43			Date	05-21-2022
Project Name/Location		Ford LTP		Weather	77.0 degrees F and Cloudy. The wind is blowing W/SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17.0-22.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.36	Total Depth (ft-bmp)	21.74	Water Column (ft.)	15.38	Gallons in Well	2.5
		Pump Intake (ft-bmp)	19.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.56				
Sample Time: Label	14:15	Volume Purged	1.4 gallons	Replicate/Code No.	DUP-04	Sampled by	Sommer Guy
Purge Start	13:34						
Purge End	14:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:35	0	150	6.65	0.00	7.43	15.84	23.50	1.55	15.8	-115.4	Clear, Yellow	Faint Odor
13:40	5	150	6.56	0.20	7.43	15.76	10.70	0.18	15.7	-124.0	Clear, Yellow	Faint Odor
13:45	5	150	6.57	0.40	7.44	15.64	6.62	0.11	15.4	-128.5	Clear	Faint Odor
13:50	5	150	6.57	0.60	7.44	15.55	13.80	0.08	15.4	-130.9	Clear, Yellow	No Odor
13:55	5	150	6.57	0.80	7.44	15.47	9.25	0.06	15.3	-132.4	Clear, Small White Particulates, Yellow	No Odor
14:00	5	150	6.58	1.00	7.44	15.43	8.42	0.05	15.4	-134.0	Clear, Yellow	No Odor
14:05	5	150	6.58	1.20	7.45	15.47	8.36	0.05	15.2	-135.5	Clear, Yellow	No Odor
14:10	5	150	6.58	1.40	7.45	15.47	7.89	0.05	15.0	-136.7	Clear, Yellow	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, NE	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-45			Date	05-19-2022
Project Name/Location	Ford LTP			Weather	68.0 degrees F and Mostly Cloudy. The wind is blowing SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.2	Total Depth (ft-bmp)	19.61	Water Column (ft.)	10.41	Gallons in Well	1.69
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.73		--		
Sample Time:	Label 12:40	Volume Purged	2.92 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
	Purge Start 11:38						
	Purge End 12:43						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:40	0	220	9.38	0.00	7.95	2.01	41.50	4.52	13.5	-13.0	Clear	No Odor
11:45	5	220	9.33	0.29	7.36	3.90	17.20	1.01	13.5	5.2	Clear	No Odor
11:50	5	220	9.33	0.58	7.32	4.37	6.33	0.63	13.5	1.5	Clear	No Odor
11:55	5	220	9.33	0.87	7.32	4.41	5.53	0.60	13.5	-0.6	Clear	No Odor
12:00	5	220	9.33	1.16	7.31	4.54	3.46	0.44	13.4	-7.8	Clear	No Odor
12:05	5	220	9.33	1.45	7.31	4.73	2.79	0.37	13.6	-11.9	Clear	No Odor
12:10	5	220	9.33	1.74	7.29	4.94	1.66	0.32	13.3	-16.3	Clear	No Odor
12:15	5	220	9.33	1.76	7.28	5.14	2.02	0.24	13.7	-21.2	Clear	No Odor
12:20	5	220	9.33	2.05	7.28	5.41	0.87	0.17	13.7	-29.6	Clear	No Odor
12:25	5	220	9.33	2.34	7.28	5.52	2.17	0.19	13.3	-33.8	Clear	No Odor
12:30	5	220	9.33	2.63	7.28	5.61	0.96	0.15	13.3	-39.2	Clear	No Odor
12:35	5	220	9.33	2.92	7.28	5.66	0.51	0.14	13.2	-42.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-46			Date	05-16-2022
Project Name/Location	Ford LTP			Weather	70.0 degrees F and Mostly Cloudy. The wind is blowing W/SW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.4	Total Depth (ft-bmp)	19.6	Water Column (ft.)	11.2	Gallons in Well	1.82
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.32		--		
Sample Time: Label	15:40	Volume Purged	2.4 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	14:36						
Purge End	15:48						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:37	0	150	8.82	0.00	8.37	0.36	109.00	7.24	15.1	-53.8	Turbid	No Odor
14:42	5	150	9.31	0.20	8.30	0.35	84.30	6.14	15.3	-48.7	Turbid	No Odor
14:47	5	150	9.50	0.40	8.25	0.36	51.90	4.73	15.9	-42.1	Turbid	No Odor
14:52	5	150	9.53	0.60	8.23	0.35	42.40	3.87	16.3	-38.8	Turbid	No Odor
14:57	5	150	9.56	0.80	8.23	0.38	24.80	2.92	16.3	-31.2	Clear, Turbid	No Odor
15:02	5	150	9.56	1.00	8.21	0.38	20.10	2.73	16.6	-29.6	Clear, Turbid	No Odor
15:07	5	150	9.57	1.20	8.18	0.39	14.20	2.52	17.0	-25.7	Clear	No Odor
15:12	5	150	9.57	1.40	8.20	0.41	13.50	2.62	17.1	-23.7	Clear	No Odor
15:17	5	150	9.57	1.60	8.19	0.53	9.04	2.57	17.2	-17.1	Clear	No Odor
15:22	5	150	9.57	1.80	8.16	0.60	8.35	2.57	17.2	-13.7	Clear	No Odor
15:27	5	150	9.57	2.00	8.05	0.92	4.79	1.74	16.5	-0.7	Clear	No Odor
15:32	5	150	9.57	2.20	8.04	1.02	4.42	2.00	16.5	2.3	Clear	No Odor
15:37	5	150	9.57	2.40	8.03	1.33	5.22	2.01	16.7	7.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-47			Date	05-16-2022
Project Name/Location	Ford LTP			Weather	70F. Sunny		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.3	Total Depth (ft-bmp)	20.02	Water Column (ft.)	11.72	Gallons in Well	1.9
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.26				
Sample Time: Label	14:00	Volume Purged	2.4 gallons	Replicate/Code No.	DUP-03	Sampled by	Samantha Hindle
Purge Start	12:55						
Purge End	14:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:57	0	150	8.70	0.00	7.18	10.68	19.60	2.44	15.7	161.8	Clear, Small White Particulates	No Odor
13:02	5	150	8.72	0.20	7.15	11.30	15.10	2.13	15.3	94.6	Clear, Small White Particulates	No Odor
13:07	5	150	8.72	0.40	7.19	11.33	9.03	0.47	15.1	-8.3	Clear	No Odor
13:12	5	150	8.75	0.60	7.20	11.30	10.60	0.41	15.3	-38.7	Clear, Small White Particulates	No Odor
13:17	5	150	8.80	0.80	7.21	11.24	10.40	0.33	15.2	-66.7	Clear, Small White Particulates	No Odor
13:22	5	150	8.80	1.00	7.21	11.22	10.70	0.31	15.3	-73.7	Clear	No Odor
13:27	5	150	8.80	1.20	7.21	11.18	9.32	0.36	14.7	-81.1	Clear	No Odor
13:32	5	150	8.80	1.40	7.22	11.14	6.53	0.30	15.1	-86.8	Clear	No Odor
13:37	5	150	8.80	1.60	7.22	11.09	8.99	0.29	15.2	-90.1	Clear	No Odor
13:42	5	150	8.80	1.80	7.22	11.10	5.45	0.29	15.2	-90.4	Clear	No Odor
13:47	5	150	8.80	2.00	7.22	11.07	7.56	0.33	15.2	-92.0	Clear	No Odor
13:52	5	150	8.80	2.20	7.22	11.06	6.44	0.35	15.3	-92.4	Clear	No Odor
13:57	5	150	8.80	2.40	7.22	11.05	5.56	0.37	15.4	-93.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-48R			Date	05-10-2022
Project Name/Location	Ford LTP			Weather	70.0 degrees F and Mostly Cloudy. The wind is blowing S at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17.0-22.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.5	Total Depth (ft-bmp)	21.6	Water Column (ft.)	13.1	Gallons in Well	2.13
		Pump Intake (ft-bmp)	19.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.83		--		
Sample Time: Label	13:04	Volume Purged	1.76 gallons	Replicate/Code No.		Sampled by	Xenia Chan
Purge Start	12:06						
Purge End	13:08						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:07	0	120	8.50	0.00	7.74	5.81	13.60	2.63	15.1	-158.4	Clear	No Odor
12:12	5	120	8.50	0.16	7.70	5.62	33.40	0.48	13.7	-168.7	Clear	No Odor
12:17	5	120	8.50	0.32	7.72	5.59	13.20	0.19	13.6	-172.4	Clear	No Odor
12:22	5	120	8.50	0.48	7.74	5.49	0.20	0.18	13.6	-174.6	Clear	No Odor
12:27	5	120	8.50	0.64	7.76	5.44	0.97	0.15	13.6	-177.2	Clear	No Odor
12:32	5	120	8.50	0.80	7.77	5.32	0.95	0.14	13.5	-178.1	Clear	No Odor
12:37	5	120	8.50	0.96	7.78	5.04	0.85	0.13	13.6	-177.0	Clear	No Odor
12:42	5	120	8.50	1.12	7.78	4.91	0.74	0.13	13.6	-176.3	Clear	No Odor
12:47	5	120	8.50	1.28	7.79	4.86	0.81	0.13	13.5	-177.8	Clear	No Odor
12:52	5	120	8.50	1.44	7.79	4.72	0.82	0.13	13.5	-177.3	Clear	No Odor
12:57	5	120	8.50	1.60	7.79	4.71	0.02	0.12	13.5	-178.5	Clear	No Odor
13:02	5	120	8.50	1.76	7.79	4.67	0.02	0.12	13.5	-179.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-50			Date	05-10-2022
Project Name/Location	Ford LTP			Weather	64.9 degrees F and Cloudy. The wind is blowing S at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6	Total Depth (ft-bmp)	18.5	Water Column (ft.)	12.5	Gallons in Well	2.03
		Pump Intake (ft-bmp)	16.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.95		--		
Sample Time:	Label 11:29	Volume Purged	1.92 gallons	Replicate/Code No.		Sampled by	Xenia Chan
	Purge Start 10:25						
	Purge End 11:34						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:27	0	120	6.50	0.00	7.76	0.55	20.60	1.93	14.0	-99.8	Clear, Small Brown Particulates	No Odor
10:32	5	120	6.32	0.16	7.04	0.85	11.40	1.02	13.7	-70.4	Clear, Small Brown Particulates	No Odor
10:37	5	120	6.50	0.32	7.09	1.47	7.12	0.65	13.8	-79.5	Clear, Small Brown Particulates	No Odor
10:42	5	120	6.51	0.48	7.17	2.24	4.78	0.41	13.8	-91.5	Clear	No Odor
10:47	5	120	6.51	0.64	7.19	2.85	2.12	0.28	13.9	-98.7	Clear	No Odor
10:52	5	120	6.51	0.80	7.19	3.27	1.80	0.23	14.0	-103.6	Clear	No Odor
10:57	5	120	6.50	0.96	7.18	3.58	0.72	0.20	14.1	-108.5	Clear	No Odor
11:02	5	120	6.50	1.12	7.17	3.82	0.61	0.18	14.2	-111.6	Clear	No Odor
11:07	5	120	6.51	1.28	7.16	4.03	0.74	0.18	14.2	-113.7	Clear	No Odor
11:12	5	120	6.51	1.44	7.15	4.20	0.89	0.19	14.2	-116.7	Clear	No Odor
11:17	5	120	6.51	1.60	7.15	4.34	0.51	0.17	14.2	-119.4	Clear	No Odor
11:22	5	120	6.51	1.76	7.15	4.49	0.32	0.16	14.2	-125.4	Clear	No Odor
11:27	5	120	6.51	1.92	7.14	4.60	0.15	0.15	14.2	-128.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, NE	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-52			Date	05-21-2022
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Cloudy. The wind is blowing W/SW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.43	Total Depth (ft-bmp)	19.75	Water Column (ft.)	13.32	Gallons in Well	2.16
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.94				
Sample Time: Label	10:36	Volume Purged	2.04 gallons	Replicate/Code No.	MW-52-MS_052122, MW-52-MSD_052122	Sampled by	Gary Schafer
Purge Start	09:33						
Purge End	10:46						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:35	0	125	6.53	0.00	7.08	6.91	90.60	1.18	13.2	-121.7	Cloudy, Small Orange Particulates	No Odor
09:40	5	125	6.54	0.17	7.30	7.08	76.30	0.58	13.1	-147.9	Cloudy, Small Orange Particulates	No Odor
09:45	5	125	6.60	0.34	7.40	7.13	70.20	0.34	13.6	-160.4	Cloudy, Small Orange Particulates	No Odor
09:50	5	125	6.60	0.51	7.45	7.26	69.40	0.23	13.4	-164.7	Cloudy, Small Orange Particulates	No Odor
09:55	5	125	6.58	0.68	7.48	7.39	77.40	0.18	13.2	-168.3	Cloudy, Small Orange Particulates	No Odor
10:00	5	125	6.58	0.85	7.48	7.46	75.10	0.15	13.2	-169.6	Cloudy, Small Orange Particulates	No Odor
10:05	5	125	6.58	1.02	7.50	7.47	79.40	0.13	13.1	-171.6	Cloudy, Small Orange Particulates	No Odor
10:10	5	125	6.58	1.19	7.51	7.63	69.50	0.11	13.0	-172.7	Cloudy, Small Orange Particulates	No Odor
10:15	5	125	6.58	1.36	7.51	7.65	57.00	0.10	12.9	-173.6	Turbid	No Odor
10:20	5	125	6.58	1.53	7.52	7.66	54.20	0.09	13.0	-174.3	Turbid	No Odor
10:25	5	125	6.58	1.70	7.52	7.74	45.30	0.09	13.1	-174.8	Turbid	No Odor
10:30	5	125	6.58	1.87	7.52	7.77	36.80	0.08	13.1	-175.2	Clear	No Odor
10:35	5	125	6.58	2.04	7.52	7.79	34.00	0.17	13.2	-175.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-53			Date	05-19-2022
Project Name/Location	Ford LTP			Weather	68.0 degrees F and Mostly Cloudy. The wind is blowing SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.03	Total Depth (ft-bmp)	20.78	Water Column (ft.)	14.75	Gallons in Well	2.4
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.5		--		Sommer Guy
Sample Time:	Label 12:12	Volume Purged	1.2 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:35						
	Purge End 12:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:37	0	150	6.38	0.00	8.09	6.55	5.63	2.07	14.1	-103.6	Clear, Small White Particulates	No Odor
11:42	5	150	6.44	0.20	7.59	6.51	5.57	0.19	13.8	-127.2	Clear	Faint Odor
11:47	5	150	6.44	0.40	7.43	6.47	2.45	0.14	13.8	-116.2	Clear	No Odor
11:52	5	150	6.48	0.60	7.36	6.49	3.19	0.13	13.8	-105.4	Clear	No Odor
11:57	5	150	6.48	0.80	7.31	6.52	3.88	0.14	13.7	-98.5	Clear	No Odor
12:02	5	150	6.48	1.00	7.29	6.58	2.99	0.14	13.5	-92.7	Clear	No Odor
12:07	5	150	6.48	1.20	7.28	6.64	1.85	0.14	13.3	-90.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, NE	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-54			Date	05-13-2022
Project Name/Location	Ford LTP			Weather	75.0 degrees F and Mostly Clear. The wind is blowing S/SE at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.1	Total Depth (ft-bmp)	20.83	Water Column (ft.)	14.73	Gallons in Well	2.39
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.59		--		Sommer Guy
Sample Time:	Label 12:45	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	
	Purge Start 12:04						
	Purge End 12:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:07	0	150	6.38	0.00	7.62	11.12	18.30	8.11	13.7	-149.5	Clear	No Odor
12:12	5	150	6.45	0.20	7.47	11.26	20.50	7.36	12.3	-144.5	Clear	No Odor
12:17	5	150	6.49	0.40	7.46	11.34	19.70	7.08	12.3	-145.3	Clear	No Odor
12:22	5	150	6.50	0.60	7.45	11.33	14.90	6.05	12.3	-145.4	Clear	No Odor
12:27	5	150	6.50	0.80	7.44	11.26	9.71	5.73	12.2	-143.6	Clear	No Odor
12:32	5	150	6.50	1.00	7.43	11.20	4.89	5.62	12.5	-141.7	Clear	No Odor
12:37	5	150	6.50	1.20	7.43	11.20	4.53	5.79	12.4	-140.7	Clear	No Odor
12:42	5	150	6.50	1.40	7.43	11.22	4.35	5.72	12.6	-140.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, NE	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-54S			Date	05-13-2022
Project Name/Location	Ford LTP			Weather	73.0 degrees F and Mostly Clear. The wind is blowing S at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.21	Total Depth (ft-bmp)	9.23	Water Column (ft.)	4.02	Gallons in Well	0.65
		Pump Intake (ft-bmp)	7.2	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.46		--		Sommer Guy
Sample Time: Label	11:30	Volume Purged	1.6 gallons	Replicate/Code No.		Sampled by	
Purge Start	10:44						
Purge End	11:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:46	0	150	5.35	0.00	9.01	0.49	18.30	8.00	10.8	-15.1	Clear	No Odor
10:51	5	150	5.59	0.20	8.41	0.44	10.10	7.59	10.1	14.2	Clear	No Odor
10:56	5	150	5.78	0.40	8.34	0.50	3.99	6.95	10.2	26.8	Clear	No Odor
11:01	5	150	5.92	0.60	8.32	0.41	3.56	6.56	10.3	34.6	Clear	No Odor
11:06	5	150	6.08	0.80	8.20	0.42	4.62	6.71	10.5	41.4	Clear	No Odor
11:11	5	150	6.24	1.00	8.09	0.43	4.62	6.48	10.4	46.6	Clear	No Odor
11:16	5	150	6.38	1.20	8.06	0.44	3.53	6.46	10.7	50.0	Clear	No Odor
11:21	5	150	6.46	1.40	8.05	0.45	4.70	5.91	10.8	52.4	Clear	No Odor
11:26	5	150	6.50	1.60	8.04	0.45	2.69	5.90	10.9	53.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, NE	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-55			Date	05-17-2022
Project Name/Location	Ford LTP			Weather	60 degrees F and Partly Cloudy. The wind is blowing N/NW at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.02	Total Depth (ft-bmp)	19.72	Water Column (ft.)	12.7	Gallons in Well	2.06
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.17		--		Sommer Guy
Sample Time:	Label 15:30	Volume Purged	2.4 gallons	Replicate/Code No.		Sampled by	
	Purge Start 14:27						
	Purge End 15:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:28	0	150	7.13	0.00	7.67	11.24	17.50	0.88	14.5	-155.3	Clear, Yellow	No Odor
14:33	5	150	7.12	0.20	7.55	11.11	33.50	0.30	13.9	-148.9	Clear, Yellow	No Odor
14:38	5	150	7.12	0.40	7.53	11.07	27.90	0.13	13.8	-141.6	Clear, Yellow	No Odor
14:43	5	150	7.12	0.60	7.53	11.08	23.50	0.27	13.8	-143.1	Clear, Yellow	No Odor
14:48	5	150	7.12	0.80	7.54	11.03	17.30	0.04	13.7	-144.2	Clear, Yellow	No Odor
14:53	5	150	7.12	1.00	7.55	10.95	13.50	0.16	13.6	-143.9	Clear	No Odor
14:58	5	150	7.12	1.20	7.56	10.86	11.80	0.06	13.5	-142.9	Clear	No Odor
15:03	5	150	7.12	1.40	7.57	10.78	9.58	0.10	13.7	-141.6	Clear	No Odor
15:08	5	150	7.12	1.60	7.57	10.75	7.80	0.31	13.9	-139.6	Clear	No Odor
15:13	5	150	7.12	1.80	7.57	10.74	6.45	0.30	14.0	-134.1	Clear	No Odor
15:18	5	150	7.12	2.00	7.57	10.68	5.34	0.06	14.5	-127.2	Clear	No Odor
15:23	5	150	7.12	2.20	7.57	10.68	5.48	0.11	15.4	-119.1	Clear	No Odor
15:28	5	150	7.12	2.40	7.56	10.67	10.90	0.13	16.1	-116.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, NE	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-55D			Date	05-17-2022
Project Name/Location	Ford LTP			Weather	60.1 degrees F and Mostly Clear. The wind is blowing NW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.0-24.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.09	Total Depth (ft-bmp)	23.57	Water Column (ft.)	16.48	Gallons in Well	2.68
		Pump Intake (ft-bmp)	21.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.52		--		Sommer Guy
Sample Time:	Label 14:05	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	
	Purge Start 13:23						
	Purge End 14:08						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:25	0	150	7.41	0.00	8.80	9.81	35.60	0.43	14.2	-198.3	Yellow	No Odor
13:30	5	150	7.50	0.20	8.05	9.82	29.30	0.10	13.7	-196.4	Yellow	No Odor
13:35	5	150	7.51	0.40	7.84	9.79	22.90	0.05	13.8	-184.1	Clear	No Odor
13:40	5	150	7.53	0.60	7.72	9.84	23.90	0.03	13.6	-177.6	Clear, Yellow	No Odor
13:45	5	150	7.52	0.80	7.62	9.87	14.90	0.02	13.6	-173.5	Yellow	Faint Odor
13:50	5	150	7.52	1.00	7.58	9.90	20.10	0.01	13.6	-172.1	Yellow	Faint Odor
13:55	5	150	7.52	1.20	7.53	9.89	19.23	0.01	13.5	-169.1	Yellow	Faint Odor
14:00	5	150	7.52	1.40	7.51	9.92	18.90	0.01	13.4	-168.3	Clear, Yellow	Faint Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, N	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-57			Date	05-13-2022
Project Name/Location	Ford LTP			Weather	81.0 degrees F and Mostly Clear. The wind is blowing S at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17.0-22.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.63	Total Depth (ft-bmp)	21.83	Water Column (ft.)	16.2	Gallons in Well	2.63
		Pump Intake (ft-bmp)	19.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.91		--		Sommer Guy
Sample Time:	Label 14:35	Volume Purged	2.4 gallons	Replicate/Code No.		Sampled by	
	Purge Start 13:32						
	Purge End 14:38						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:33	0	150	6.25	0.00	8.26	10.11	16.00	0.73	14.5	-29.7	Clear	No Odor
13:38	5	150	7.65	0.20	9.81	6.25	10.50	3.90	13.7	-54.4	Clear	No Odor
13:43	5	150	8.39	0.40	9.32	7.61	4.88	2.87	13.6	-51.5	Clear	No Odor
13:48	5	150	8.85	0.60	9.01	8.54	4.52	2.12	14.0	-55.6	Clear	No Odor
13:53	5	150	9.20	0.80	8.63	9.48	2.78	1.43	14.1	-78.0	Clear	No Odor
13:58	5	150	9.40	1.00	8.39	9.85	2.88	1.11	14.1	-122.2	Clear	No Odor
14:03	5	150	9.55	1.20	8.16	10.17	2.69	0.91	14.0	-146.1	Clear	No Odor
14:08	5	150	9.65	1.40	7.90	10.52	1.58	0.68	14.1	-142.7	Clear	No Odor
14:13	5	150	9.72	1.60	7.79	10.72	0.71	0.51	14.1	-139.3	Clear	No Odor
14:18	5	150	9.75	1.80	7.67	10.85	1.12	0.43	14.0	-134.8	Clear	No Odor
14:23	5	150	9.78	2.00	7.61	10.97	0.32	0.33	14.1	-132.0	Clear	No Odor
14:28	5	150	9.78	2.20	7.56	11.10	0.82	0.25	14.2	-130.3	Clear	No Odor
14:33	5	150	9.82	2.40	7.51	11.15	0.42	0.19	14.2	-127.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, NE	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-62			Date	05-10-2022
Project Name/Location	Ford LTP			Weather	61.0 degrees F and Cloudy. The wind is blowing S/SE at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.08	Total Depth (ft-bmp)	21.12	Water Column (ft.)	14.04	Gallons in Well	2.28
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.56		--		Xenia Chan
Sample Time:	Label 09:59	Volume Purged	1.28 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:14						
	Purge End 10:02						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:15	0	120	7.13	0.00	7.20	5.69	0.02	2.12	15.4	-107.4	Clear, Small Orange Particulates	No Odor
09:20	5	120	7.15	0.16	7.25	5.74	90.00	0.57	14.5	-128.0	Clear, Small Orange Particulates	No Odor
09:25	5	120	7.15	0.32	7.27	5.75	19.80	0.45	14.5	-133.5	Clear, Small Orange Particulates	No Odor
09:30	5	120	7.15	0.48	7.27	5.76	7.61	0.48	14.4	-135.8	Clear, Small Orange Particulates	No Odor
09:35	5	120	7.15	0.64	7.27	5.78	8.48	0.34	14.4	-138.9	Clear, Small Orange Particulates	No Odor
09:40	5	120	7.15	0.80	7.27	5.79	6.16	0.36	14.5	-142.0	Clear	No Odor
09:45	5	120	7.15	0.96	7.27	5.81	7.52	0.23	14.5	-145.3	Clear, Small Orange Particulates	No Odor
09:50	5	120	7.15	1.12	7.27	5.81	7.32	0.23	14.5	-147.4	Clear	No Odor
09:55	5	120	7.15	1.28	7.27	5.81	7.26	0.20	14.5	-149.2	Clear, Small Orange Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, NE	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-63			Date	05-10-2022
Project Name/Location	Ford LTP			Weather	75.9 degrees F and Mostly Cloudy. The wind is blowing S at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7.0-12.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.1	Total Depth (ft-bmp)	11.8	Water Column (ft.)	5.7	Gallons in Well	0.93
		Pump Intake (ft-bmp)	9.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.89				
Sample Time:	Label 14:28	Volume Purged	1.76 gallons	Replicate/Code No.	MW-63-MS_051022, MW-63-MSD_051022	Sampled by	Xenia Chan
	Purge Start 13:28						
	Purge End 14:38						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:30	0	120	6.13	0.00	7.60	7.35	8.31	4.50	13.6	-55.3	Clear	No Odor
13:35	5	120	6.15	0.16	7.43	7.74	6.01	1.12	12.1	-82.5	Clear	No Odor
13:40	5	120	6.15	0.32	7.44	7.74	3.59	0.90	12.1	-102.0	Clear	No Odor
13:45	5	120	6.15	0.48	7.46	7.74	2.27	0.76	12.2	-112.9	Clear	No Odor
13:50	5	120	6.15	0.64	7.46	7.75	1.20	0.70	12.1	-122.8	Clear	No Odor
13:55	5	120	6.15	0.80	7.47	7.79	0.02	0.66	12.1	-129.1	Clear	No Odor
14:00	5	120	6.15	0.96	7.48	7.76	0.61	0.63	12.1	-135.4	Clear	No Odor
14:05	5	120	6.15	1.12	7.48	7.74	0.54	0.65	12.1	-140.1	Clear	No Odor
14:10	5	120	6.15	1.28	7.49	7.70	0.02	0.60	12.2	-147.5	Clear	No Odor
14:15	5	120	6.15	1.44	7.49	7.72	0.85	0.61	12.0	-152.9	Clear	No Odor
14:20	5	120	6.15	1.60	7.50	7.66	0.70	0.58	12.1	-157.9	Clear	No Odor
14:25	5	120	6.15	1.76	7.50	7.64	0.02	0.58	11.9	-159.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-64			Date	05-09-2022
Project Name/Location	Ford LTP			Weather	64.9 degrees F and Clear and Windy. The wind is blowing S/SE at 21.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.7	Total Depth (ft-bmp)	20.01	Water Column (ft.)	12.31	Gallons in Well	2
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.56		--		Xenia Chan
Sample Time:	Label 13:45	Volume Purged	1.12 gallons	Replicate/Code No.		Sampled by	
	Purge Start 13:03						
	Purge End 13:49						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:05	0	120	7.81	0.00	7.49	4.93	11.10	1.48	14.9	-72.7	Clear, Small Black Particulates	No Odor
13:10	5	120	7.75	0.16	7.35	4.85	11.30	0.33	13.5	-86.1	Clear, Small Orange Particulates	No Odor
13:15	5	120	7.75	0.32	7.30	5.14	9.85	0.30	13.5	-88.9	Clear, Small Black Particulates	No Odor
13:20	5	120	7.75	0.48	7.29	5.29	9.83	0.20	13.6	-96.7	Clear	No Odor
13:25	5	120	7.75	0.64	7.28	5.32	6.32	0.17	13.5	-96.0	Clear	No Odor
13:30	5	120	7.75	0.80	7.29	5.35	1.36	0.16	13.5	-91.5	Clear	No Odor
13:35	5	120	7.75	0.96	7.29	5.38	0.81	0.19	13.6	-99.3	Clear	No Odor
13:40	5	120	7.75	1.12	7.29	5.40	0.02	0.15	13.6	-98.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-67			Date	05-13-2022
Project Name/Location	Ford LTP			Weather	68.0 degrees F and Mostly Cloudy. The wind is blowing S/SW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.0-14.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.83	Total Depth (ft-bmp)	13.62	Water Column (ft.)	5.79	Gallons in Well	0.94
		Pump Intake (ft-bmp)	11.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.28		--		Sommer Guy
Sample Time:	Label 10:20	Volume Purged	1.2 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:42						
	Purge End 10:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:44	0	150	7.84	0.00	7.31	4.23	8.76	0.85	12.9	26.2	Clear	No Odor
09:49	5	150	7.84	0.20	7.35	4.17	5.83	0.34	12.5	25.2	Clear	No Odor
09:54	5	150	7.84	0.40	7.37	4.16	1.84	0.15	12.2	15.3	Clear	No Odor
09:59	5	150	7.84	0.60	7.37	4.14	0.75	0.11	12.3	13.6	Clear	No Odor
10:04	5	150	7.84	0.80	7.38	4.14	1.66	0.10	12.3	13.9	Clear	No Odor
10:09	5	150	7.84	1.00	7.38	4.13	0.93	0.10	12.2	13.6	Clear	No Odor
10:14	5	150	7.84	1.20	7.38	4.13	0.60	0.09	12.2	12.8	Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
1" = 0.04	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*
3.5" = 0.50	*4" = 0.65*	*6" = 1.47*			

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-68			Date	05-16-2022
Project Name/Location	Ford LTP			Weather	63.0 degrees F and Mostly Clear. The wind is blowing NW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.83	Total Depth (ft-bmp)	19.62	Water Column (ft.)	11.79	Gallons in Well	1.92
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.04		--		
Sample Time:	Label 12:05	Volume Purged	2.0 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
	Purge Start 11:05						
	Purge End 12:08						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:06	0	150	7.95	0.00	7.25	16.37	6.70	4.02	14.4	179.1	Clear, Small White Particulates	No Odor
11:11	5	150	7.94	0.20	7.27	16.34	5.76	3.28	14.0	178.6	Clear, Small Black Particulates	No Odor
11:16	5	150	7.90	0.40	7.28	16.44	5.70	2.98	14.3	178.7	Clear, Small Black Particulates	No Odor
11:21	5	150	7.89	0.60	7.28	16.38	2.82	2.94	14.3	178.9	Clear	No Odor
11:26	5	150	7.86	0.80	7.28	16.28	5.02	2.64	14.7	178.9	Clear	No Odor
11:31	5	150	7.89	1.00	7.28	16.31	4.82	2.62	14.3	180.2	Clear	No Odor
11:36	5	150	7.89	1.20	7.28	16.27	4.07	0.79	14.3	180.3	Clear	No Odor
11:41	5	150	7.89	1.40	7.29	16.16	8.59	0.71	14.7	180.9	Clear	No Odor
11:46	5	150	7.89	1.60	7.29	16.11	3.37	0.72	14.6	180.2	Clear	No Odor
11:51	5	150	7.89	1.80	7.29	16.08	2.25	0.75	14.4	180.3	Clear	No Odor
11:56	5	150	7.89	2.00	7.29	16.05	3.59	0.68	14.4	180.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Missing bolts,Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-69			Date	05-09-2022
Project Name/Location	Ford LTP			Weather	61.0 degrees F and Mostly Clear. The wind is blowing S/SE at 16.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.65	Total Depth (ft-bmp)	19.91	Water Column (ft.)	11.26	Gallons in Well	1.83
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.52		--		
Sample Time:	Label 12:36	Volume Purged	0.96 gallons	Replicate/Code No.		Sampled by	Xenia Chan
	Purge Start 12:02						
	Purge End 12:38						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:03	0	120	8.60	0.00	7.19	12.57	31.60	1.40	14.1	-152.6	Clear, Small Orange Particulates	No Odor
12:08	5	120	8.55	0.16	7.20	13.12	48.70	0.39	13.4	-201.9	Clear, Small Orange Particulates	No Odor
12:13	5	120	8.55	0.32	7.21	13.17	20.80	0.29	13.3	-206.4	Clear	No Odor
12:18	5	120	8.55	0.48	7.21	13.17	19.00	0.34	13.3	-208.9	Clear	No Odor
12:23	5	120	8.55	0.64	7.22	13.09	18.40	0.30	13.3	-212.3	Clear	No Odor
12:28	5	120	8.55	0.80	7.22	12.99	18.00	0.24	13.4	-212.8	Clear	No Odor
12:33	5	120	8.55	0.96	7.22	12.87	17.10	0.23	13.4	-211.1	Clear, Small Orange Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-70			Date	05-19-2022
Project Name/Location	Ford LTP			Weather	68.0 degrees F and Mostly Cloudy. The wind is blowing SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.42	Total Depth (ft-bmp)	20.03	Water Column (ft.)	10.61	Gallons in Well	1.72
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.52		--		
Sample Time: Label	11:10	Volume Purged	2.61 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	10:10						
Purge End	11:13						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:11	0	220	9.56	0.00	6.97	9.93	53.50	1.30	14.7	65.3	Clear, Turbid	No Odor
10:16	5	220	9.52	0.29	7.02	9.91	16.70	0.84	14.6	33.9	Clear, Turbid	No Odor
10:21	5	220	9.51	0.58	7.03	10.07	7.88	0.67	14.5	11.1	Clear, Turbid	No Odor
10:26	5	220	9.52	0.87	7.05	10.22	6.49	0.49	14.4	-5.1	Clear	No Odor
10:31	5	220	9.53	1.16	7.08	10.29	2.27	0.31	14.4	-28.9	Clear	No Odor
10:36	5	220	9.53	1.45	7.08	10.32	1.48	0.28	14.3	-35.2	Clear	No Odor
10:41	5	220	9.53	1.74	7.09	10.31	2.07	0.26	14.4	-41.2	Clear	No Odor
10:46	5	220	9.53	2.03	7.10	10.29	1.39	0.22	14.6	-51.0	Clear	No Odor
10:51	5	220	9.53	2.32	7.10	10.30	1.94	0.20	14.6	-56.3	Clear	No Odor
10:56	5	220	9.53	2.61	7.10	10.28	2.55	0.17	14.6	-60.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-71			Date	05-20-2022
Project Name/Location		Ford LTP		Weather	75.9 degrees F and Mostly Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.45	Total Depth (ft-bmp)	20.11	Water Column (ft.)	9.66	Gallons in Well	1.57
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.49		--		
Sample Time:	Label 12:28	Volume Purged	2.34 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
	Purge Start 11:36						
	Purge End 12:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:38	0	200	10.85	0.00	7.02	16.88	3.47	1.20	16.2	-32.0	Clear	No Odor
11:43	5	200	10.85	0.26	7.03	16.92	2.03	0.93	16.2	-47.0	Clear	No Odor
11:48	5	200	10.85	0.52	7.05	16.85	3.00	0.74	16.3	-67.2	Clear	No Odor
11:53	5	200	10.85	0.78	7.06	16.91	1.20	0.60	16.1	-75.1	Clear	No Odor
11:58	5	200	10.85	1.04	7.07	16.91	1.67	0.44	16.2	-79.7	Clear	No Odor
12:03	5	200	10.85	1.30	7.07	16.95	1.65	0.32	16.3	-83.9	Clear	No Odor
12:08	5	200	10.85	1.56	7.07	16.94	5.84	0.36	16.3	-86.2	Clear	No Odor
12:13	5	200	10.85	1.82	7.07	16.94	3.24	0.32	16.3	-87.6	Clear	No Odor
12:18	5	200	10.85	2.08	7.08	16.95	1.58	0.32	16.4	-89.1	Clear	No Odor
12:23	5	200	10.85	2.34	7.08	16.95	2.62	0.25	16.4	-90.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Fair,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-122			Date	05-20-2022
Project Name/Location	Ford LTP			Weather	69.1 degrees F and Cloudy. The wind is blowing S at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.7	Total Depth (ft-bmp)	20.2	Water Column (ft.)	12.5	Gallons in Well	2.03
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.28		--		
Sample Time:	Label 11:05	Volume Purged	2.6 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
	Purge Start 10:07						
	Purge End 11:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:09	0	200	7.74	0.00	7.15	8.52	60.60	2.12	14.7	47.1	Small Orange Particulates, Turbid	No Odor
10:14	5	200	7.75	0.26	7.21	8.56	21.60	0.73	14.5	7.9	Small Orange Particulates, Turbid	No Odor
10:19	5	200	7.75	0.52	7.25	8.75	15.00	0.36	14.4	-44.5	Clear, Turbid	No Odor
10:24	5	200	7.75	0.78	7.28	8.89	7.34	0.23	14.6	-82.7	Clear	No Odor
10:29	5	200	7.76	1.04	7.29	8.99	6.94	0.23	14.4	-90.9	Clear	No Odor
10:34	5	200	7.75	1.30	7.30	9.15	7.42	0.46	14.4	-104.8	Clear	No Odor
10:39	5	200	7.75	1.56	7.31	9.17	6.22	0.33	14.5	-107.2	Clear	No Odor
10:44	5	200	7.75	1.82	7.32	9.23	7.66	0.25	14.6	-111.2	Clear	No Odor
10:49	5	200	7.75	2.08	7.33	9.32	3.60	0.20	14.8	-114.1	Clear	No Odor
10:54	5	200	7.75	2.34	7.34	9.41	4.27	0.16	14.6	-115.8	Clear	No Odor
10:59	5	200	7.76	2.60	7.35	9.43	4.30	0.13	14.8	-118.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	On-site, N	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-208S			Date	05-14-2022
Project Name/Location	Ford LTP			Weather	71.1 degrees F and Partly Cloudy. The wind is blowing S at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.0-14.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.57	Total Depth (ft-bmp)	13.6	Water Column (ft.)	4.03	Gallons in Well	0.65
		Pump Intake (ft-bmp)	11.07	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.14		--		Gary Schafer
Sample Time: Label	12:01	Volume Purged	2.04 gallons	Replicate/Code No.		Sampled by	
Purge Start	10:57						
Purge End	12:09						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:00	0	125	9.58	0.00	7.52	4.04	3.08	1.26	12.4	55.7	Clear	No Odor
11:05	5	125	9.58	0.17	7.55	3.86	1.47	0.90	12.2	42.8	Clear	No Odor
11:10	5	125	9.58	0.34	7.56	3.94	1.70	1.01	12.2	23.5	Clear	No Odor
11:15	5	125	9.58	0.51	7.56	4.01	0.98	1.07	12.2	-4.9	Clear	No Odor
11:20	5	125	9.58	0.68	7.56	4.10	1.60	1.16	12.2	-51.3	Clear	No Odor
11:25	5	125	9.58	0.85	7.54	4.33	3.21	1.38	12.2	-48.4	Clear	No Odor
11:30	5	125	9.59	1.02	7.53	4.50	2.50	1.43	12.2	-51.3	Clear	No Odor
11:35	5	125	9.59	1.19	7.53	4.69	3.74	1.46	12.3	-55.9	Clear	No Odor
11:40	5	125	9.60	1.36	7.53	4.86	2.23	1.47	12.1	-60.5	Clear	No Odor
11:45	5	125	9.60	1.53	7.53	4.90	4.88	1.50	12.2	-63.5	Clear	No Odor
11:50	5	125	9.60	1.70	7.53	4.98	5.60	1.55	12.2	-63.3	Clear	No Odor
11:55	5	125	9.60	1.87	7.54	5.05	6.12	1.50	12.1	-63.5	Clear	No Odor
12:00	5	125	9.60	2.04	7.52	5.07	5.60	1.52	12.2	-61.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	On Site	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-209S			Date	05-14-2022
Project Name/Location	Ford LTP			Weather	66.9 degrees F and Partly Cloudy. The wind is blowing S at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.8	Total Depth (ft-bmp)	12.71	Water Column (ft.)	3.91	Gallons in Well	0.64
		Pump Intake (ft-bmp)	10.3	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.75		--		Sommer Guy
Sample Time:	Label 11:15	Volume Purged	2.4 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:12						
	Purge End 11:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:14	0	150	8.80	0.00	8.06	13.44	54.00	3.21	12.3	-72.0	Clear, Small Orange Particulates	No Odor
10:19	5	150	8.80	0.20	7.58	13.63	19.40	2.41	12.0	-104.4	Clear, Small Orange Particulates	No Odor
10:24	5	150	8.80	0.40	7.52	13.71	10.80	2.61	11.9	-77.2	Clear, Small Orange Particulates	No Odor
10:29	5	150	8.80	0.60	7.48	13.73	7.98	2.63	12.0	-71.3	Clear, Small Orange Particulates	No Odor
10:34	5	150	8.80	0.80	7.46	13.75	6.45	2.54	12.1	-65.4	Clear, Small Orange Particulates	No Odor
10:39	5	150	8.81	1.00	7.44	13.79	3.29	2.39	12.0	-61.5	Clear	No Odor
10:44	5	150	8.81	1.20	7.43	13.82	2.15	2.22	12.1	-60.9	Clear	No Odor
10:49	5	150	8.81	1.40	7.42	13.86	1.56	1.96	12.0	-60.0	Clear	No Odor
10:54	5	150	8.81	1.60	7.41	13.89	0.96	1.74	12.3	-56.5	Clear	No Odor
10:59	5	150	8.81	1.80	7.40	13.93	0.59	1.58	12.2	-54.7	Clear	No Odor
11:04	5	150	8.81	2.00	7.39	13.93	0.11	1.48	12.3	-50.0	Clear	No Odor
11:09	5	150	8.81	2.20	7.38	13.97	1.84	1.41	12.0	-47.0	Clear	No Odor
11:14	5	150	8.81	2.40	7.37	13.99	0.83	1.43	12.1	-44.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-210S			Date	05-21-2022
Project Name/Location	Ford LTP			Weather	73.0 degrees F and Cloudy. The wind is blowing SW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.52	Total Depth (ft-bmp)	12.69	Water Column (ft.)	4.17	Gallons in Well	0.68
		Pump Intake (ft-bmp)	10.02	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.76		--		Sommer Guy
Sample Time:	Label 09:25	Volume Purged	1.2 gallons	Replicate/Code No.		Sampled by	
	Purge Start 08:49						
	Purge End 09:28						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:50	0	150	8.55	0.00	7.48	13.97	36.40	1.36	15.0	-124.3	Clear, Small Orange Particulates, Yellow	No Odor
08:55	5	150	8.55	0.20	7.34	13.90	12.10	0.27	14.8	-120.4	Clear, Yellow	No Odor
09:00	5	150	8.56	0.40	7.35	13.81	7.62	0.21	14.5	-115.0	Clear	No Odor
09:05	5	150	8.55	0.60	7.34	13.62	4.98	0.41	14.7	-109.7	Clear	No Odor
09:10	5	150	8.56	0.80	7.36	13.33	2.26	0.66	14.5	-104.1	Clear	No Odor
09:15	5	150	8.56	1.00	7.37	13.13	2.29	0.65	14.5	-100.1	Clear	No Odor
09:20	5	150	8.56	1.20	7.38	13.00	2.31	0.65	14.5	-98.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-211S			Date	05-14-2022
Project Name/Location	Ford LTP			Weather	71.1 degrees F and Partly Cloudy. The wind is blowing S at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7.0-12.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.95	Total Depth (ft-bmp)	11.83	Water Column (ft.)	4.88	Gallons in Well	0.79
		Pump Intake (ft-bmp)	8.45	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.97		--		
Sample Time: Label	11:23	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Christina Weaver
Purge Start	10:48						
Purge End	11:28						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	200	6.98	0.00	7.42	10.85	0.02	2.07	19.0	-68.2	Clear	No Odor
10:55	5	200	6.99	0.26	7.34	12.54	0.02	0.46	15.6	-27.5	Clear	No Odor
11:00	5	200	6.99	0.52	7.38	14.20	0.02	0.43	15.5	-16.2	Clear	No Odor
11:05	5	200	6.99	0.78	7.39	14.47	0.02	0.41	15.0	-13.9	Clear	No Odor
11:10	5	200	6.99	1.04	7.41	14.79	0.02	0.39	15.2	-12.1	Clear	No Odor
11:15	5	200	6.99	1.30	7.43	15.05	0.02	0.37	15.2	-12.6	Clear	No Odor
11:20	5	200	6.99	1.56	7.44	15.10	0.02	0.36	15.3	-13.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-212S			Date	05-14-2022
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Partly Cloudy. The wind is blowing S at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-11.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.4	Total Depth (ft-bmp)	11.15	Water Column (ft.)	4.75	Gallons in Well	0.77
		Pump Intake (ft-bmp)	7.9	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.34		--		
Sample Time:	Label 13:00	Volume Purged	1.8 gallons	Replicate/Code No.		Sampled by	Christina Weaver
	Purge Start 12:18						
	Purge End 13:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	180	6.42	0.00	7.27	8.58	30.80	1.41	15.3	-61.6	Clear	No Odor
12:25	5	200	6.43	0.24	7.19	9.44	4.59	1.75	15.6	-47.6	Clear	No Odor
12:30	5	200	6.43	0.50	7.19	9.87	0.33	2.35	15.6	-34.9	Clear	No Odor
12:35	5	200	6.43	0.76	7.19	9.84	0.02	2.23	15.8	-35.2	Clear	No Odor
12:40	5	200	6.43	1.02	7.20	9.82	0.02	2.12	15.7	-33.6	Clear	No Odor
12:45	5	200	6.43	1.28	7.21	9.66	0.02	1.65	15.7	-32.3	Clear	No Odor
12:50	5	200	6.43	1.54	7.22	9.54	0.02	1.64	15.8	-32.2	Clear	No Odor
12:55	5	200	6.43	1.80	7.23	9.57	0.02	1.60	15.8	-31.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-213S			Date	05-14-2022
Project Name/Location	Ford LTP			Weather	77.0 degrees F and Partly Cloudy. The wind is blowing SE at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.0-11.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.1	Total Depth (ft-bmp)	10.8	Water Column (ft.)	4.7	Gallons in Well	0.76
		Pump Intake (ft-bmp)	7.6	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.03		--		
Sample Time:	Label 13:55	Volume Purged	1.54 gallons	Replicate/Code No.		Sampled by	Christina Weaver
	Purge Start 13:18						
	Purge End 14:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	200	6.13	0.00	7.26	0.07	1.45	0.61	21.9	-24.7	Clear	No Odor
13:25	5	180	6.14	0.26	7.21	0.35	0.02	0.77	20.2	-3.9	Clear	No Odor
13:30	5	200	6.14	0.50	7.16	12.65	0.02	1.14	16.0	-24.7	Clear	No Odor
13:35	5	200	6.14	0.76	7.15	13.03	0.02	0.98	16.0	-16.9	Clear	No Odor
13:40	5	200	6.14	1.02	7.17	13.00	0.02	0.73	15.9	-22.4	Clear	No Odor
13:45	5	200	6.14	1.28	7.18	12.91	0.02	0.71	16.1	-27.7	Clear	No Odor
13:50	5	180	6.15	1.54	7.18	12.90	0.02	0.72	16.2	-30.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-218S			Date	05-11-2022
Project Name/Location	Ford LTP			Weather	73F, partly cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.0-14.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.85	Total Depth (ft-bmp)	13.15	Water Column (ft.)	3.3	Gallons in Well	0.54
		Pump Intake (ft-bmp)	11.35	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.81		--		
Sample Time:	Label 12:00	Volume Purged	2.6 gallons	Replicate/Code No.		Sampled by	Ellen Redner
	Purge Start 11:00						
	Purge End 12:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	200	9.87	0.00	7.18	1.33	1.14	4.26	11.9	58.2	Clear	No Odor
11:10	5	200	9.87	0.26	7.08	1.35	2.55	3.00	12.0	67.4	Clear	No Odor
11:15	5	200	9.87	0.52	7.07	1.36	4.12	2.51	11.5	70.0	Clear	No Odor
11:20	5	200	9.87	0.78	7.03	1.42	1.50	2.25	11.4	71.0	Clear	No Odor
11:25	5	200	9.88	1.04	6.99	1.51	0.98	1.93	11.5	71.6	Clear	No Odor
11:30	5	200	9.88	1.30	6.97	1.60	0.20	1.76	11.0	70.7	Clear	No Odor
11:35	5	200	9.88	1.56	6.96	1.64	0.02	1.58	11.1	69.2	Clear	No Odor
11:40	5	200	9.88	1.82	6.96	1.70	0.02	1.50	10.9	68.6	Clear	No Odor
11:45	5	200	9.88	2.08	6.96	1.76	0.02	1.51	11.0	67.4	Clear	No Odor
11:50	5	200	9.88	2.34	6.98	1.79	0.02	1.49	11.2	65.9	Clear	No Odor
11:55	5	200	9.88	2.60	6.97	1.79	0.02	1.59	10.9	63.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	On site, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-219S			Date	05-10-2022
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Mostly Cloudy. The wind is blowing S at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7.0-12.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.19	Total Depth (ft-bmp)	11.3	Water Column (ft.)	5.11	Gallons in Well	0.83
		Pump Intake (ft-bmp)	7.69	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.45		--		
Sample Time: Label	15:30	Volume Purged	2.86 gallons	Replicate/Code No.		Sampled by	Ellen Redner
Purge Start	14:25						
Purge End	15:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:30	0	200	6.24	0.00	8.32	13.80	32.40	3.69	10.6	-13.8	Clear, Small White Particulates	No Odor
14:35	5	200	6.25	0.26	8.28	13.98	12.90	2.58	10.6	-13.1	Clear, Small White Particulates	No Odor
14:40	5	200	6.25	0.52	8.23	14.34	9.82	2.26	10.8	-12.3	Clear, Small White Particulates	No Odor
14:45	5	200	6.25	0.78	8.17	14.40	9.65	2.04	10.8	-11.9	Clear, Small White Particulates	No Odor
14:50	5	200	6.25	1.04	8.10	14.56	7.09	1.94	10.6	-11.3	Clear	No Odor
14:55	5	200	6.25	1.30	8.02	14.62	8.50	1.74	10.6	-10.7	Clear	No Odor
15:00	5	200	6.25	1.56	7.95	14.57	7.45	1.74	10.6	-10.6	Clear	No Odor
15:05	5	200	6.25	1.82	7.84	14.59	4.59	1.64	10.6	-10.1	Clear	No Odor
15:10	5	200	6.25	2.08	7.74	14.61	2.27	1.58	10.5	-9.3	Clear	No Odor
15:15	5	200	6.25	2.34	7.70	14.45	3.14	1.50	10.6	-8.7	Clear	No Odor
15:20	5	200	6.25	2.60	7.63	14.41	1.58	1.53	10.6	-8.5	Clear	No Odor
15:25	5	200	6.25	2.86	7.61	14.39	1.93	1.51	10.6	-8.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	PW-16-01			Date	05-04-2022
Project Name/Location	Ford LTP			Weather	49 degrees and cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.7-19.7	Casing Diameter (in.)	6	Well Material	PVC
Static Water Level (ft-bmp)	7.35	Total Depth (ft-bmp)	21.43	Water Column (ft.)	14.08	Gallons in Well	20.59
		Pump Intake (ft-bmp)	14.7	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.05		--		Xenia Chan
Sample Time: Label	09:36	Volume Purged	0.96 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:03						
Purge End	09:39						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:04	0	120	7.30	0.00	7.25	5.08	158.00	1.43	11.0	-87.0	Clear, Small Orange Particulates	No Odor
09:09	5	120	7.30	0.16	7.31	5.18	33.40	0.68	10.9	-86.1	Clear, Small Orange Particulates	No Odor
09:14	5	120	7.30	0.32	7.32	5.19	23.10	0.45	10.9	-90.4	Clear, Small Orange Particulates	No Odor
09:19	5	120	7.30	0.48	7.33	5.20	20.40	0.38	10.9	-89.0	Clear, Small White Particulates	No Odor
09:24	5	120	7.30	0.64	7.33	5.22	20.30	0.36	10.9	-88.7	Clear, Small White Particulates	No Odor
09:29	5	120	7.30	0.80	7.33	5.22	20.40	0.31	10.9	-91.8	Clear, Small White Particulates	No Odor
09:34	5	120	7.30	0.96	7.33	5.23	20.20	0.27	11.0	-92.8	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, SE	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-88S			Date	05-13-2022
Project Name/Location	Ford LTP			Weather	68.0 degrees F and Mostly Cloudy. The wind is blowing S/SW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.3	Total Depth (ft-bmp)	12.85	Water Column (ft.)	6.55	Gallons in Well	1.06
		Pump Intake (ft-bmp)	7.8	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.26		--		Lottie Jay
Sample Time: Label	10:55	Volume Purged	2.4 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:50						
Purge End	10:58						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:55	0	150	6.33	0.00	7.62	0.22	13.30	5.56	11.0	66.8	Clear	No Odor
10:00	5	150	6.33	0.20	7.76	0.23	9.01	3.45	11.3	56.8	Clear	No Odor
10:05	5	150	6.33	0.40	7.84	0.23	8.21	4.02	11.6	-48.3	Clear	No Odor
10:10	5	150	6.33	0.60	7.89	0.23	8.78	3.66	11.4	-46.6	Clear	No Odor
10:15	5	150	6.33	0.80	7.99	0.23	7.11	2.84	11.2	-47.1	Clear	No Odor
10:20	5	150	6.33	1.00	8.02	0.23	6.22	2.46	11.3	-47.6	Clear	No Odor
10:25	5	150	6.33	1.20	8.02	0.24	6.86	2.12	11.7	-47.7	Clear	No Odor
10:30	5	150	6.33	1.40	7.97	0.25	4.69	2.12	11.8	-45.3	Clear	No Odor
10:35	5	150	6.33	1.60	8.04	0.25	3.94	1.77	11.8	-47.4	Clear	No Odor
10:40	5	150	6.33	1.80	8.11	0.25	3.90	1.55	12.0	-49.6	Clear	No Odor
10:45	5	150	6.33	2.00	8.10	0.26	3.34	1.57	12.1	-51.2	Clear	No Odor
10:50	5	150	6.33	2.20	8.12	0.26	2.14	1.56	11.7	-52.4	Clear	No Odor
10:55	5	150	6.33	2.40	8.12	0.26	2.33	2.32	11.9	-54.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
1" = 0.04	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	34965 Wadsworth St; backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-89S			Date	05-17-2022
Project Name/Location	Ford LTP			Weather	57.9 degrees F and Mostly Clear. The wind is blowing N/NW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.05	Total Depth (ft-bmp)	12.64	Water Column (ft.)	8.59	Gallons in Well	1.4
		Pump Intake (ft-bmp)	5.55	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.23		--		
Sample Time: Label	12:55	Volume Purged	3.12 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	11:52						
Purge End	13:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:55	0	200	4.10	0.00	7.20	2.54	0.82	0.84	9.3	117.6	Clear	No Odor
12:00	5	200	4.10	0.26	7.19	2.81	1.13	0.88	9.3	118.7	Clear	No Odor
12:05	5	200	4.10	0.52	7.14	3.69	0.39	0.73	9.1	116.0	Clear	No Odor
12:10	5	200	4.10	0.78	7.06	5.30	0.17	0.73	9.0	111.6	Clear	No Odor
12:15	5	200	4.10	1.04	7.06	5.78	0.02	0.54	9.1	86.0	Clear	No Odor
12:20	5	200	4.10	1.30	7.11	5.96	0.02	0.47	9.0	37.7	Clear	No Odor
12:25	5	200	4.10	1.56	7.11	5.98	0.02	0.46	9.0	35.2	Clear	No Odor
12:30	5	200	4.10	1.82	7.13	5.99	0.02	0.44	9.0	14.2	Clear	No Odor
12:35	5	200	4.10	2.08	7.14	5.99	0.02	0.40	9.2	-0.8	Clear	No Odor
12:40	5	200	4.10	2.34	7.15	5.99	0.02	0.39	9.2	-8.0	Clear	No Odor
12:45	5	200	4.10	2.60	7.15	6.02	0.02	0.33	9.1	-15.5	Clear	No Odor
12:50	5	200	4.10	2.86	7.16	6.02	0.02	0.32	9.3	-21.6	Clear	No Odor
12:55	5	200	4.10	3.12	7.16	5.97	0.02	0.32	9.5	-25.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
1" = 0.04	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	34940 Beacon St	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-90S			Date	05-10-2022
Project Name/Location	Ford LTP			Weather	75.9 degrees F and Mostly Cloudy. The wind is blowing S at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.86	Total Depth (ft-bmp)	12.15	Water Column (ft.)	9.29	Gallons in Well	1.51
		Pump Intake (ft-bmp)	4.36	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.48		--		
Sample Time:	Label 14:20	Volume Purged	2.24 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
	Purge Start 13:39						
	Purge End 14:24						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:40	0	200	3.10	0.00	7.06	0.82	1.15	2.20	11.7	38.8	Clear	No Odor
13:45	5	250	3.10	0.26	7.03	0.83	1.86	1.43	11.5	38.5	Clear	No Odor
13:50	5	250	3.40	0.59	7.00	0.85	1.24	0.89	11.5	36.7	Clear	No Odor
13:55	5	250	3.60	0.92	6.99	0.85	1.52	0.89	11.2	37.9	Clear	No Odor
14:00	5	250	3.90	1.25	6.97	0.87	1.61	0.80	11.1	37.9	Clear	No Odor
14:05	5	250	4.10	1.58	6.97	0.87	1.61	0.82	10.9	40.1	Clear	No Odor
14:15	10	250	4.12	2.24	6.98	0.87	1.24	0.85	11.2	44.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments Ran dry at 2:05, extended tubing lower to about 4.8 at 2:13

Well Casing Volumes

Gallons/Foot					
1" = 0.04	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	34380 Capitol street	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-91S			Date	05-19-2022
Project Name/Location	Ford LTP			Weather	64.0 degrees F and Partly Cloudy. The wind is blowing W/SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.05	Total Depth (ft-bmp)	11.69	Water Column (ft.)	6.64	Gallons in Well	1.08
		Pump Intake (ft-bmp)	6.55	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.06		--		
Sample Time:	Label 11:35	Volume Purged	2.22 gallons	Replicate/Code No.		Sampled by	Lottie Jay
	Purge Start 10:30						
	Purge End 11:39						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:35	0	160	5.10	0.00	7.58	1.02	18.30	3.16	10.5	294.0	Small Black Particulates, Small Orange Particulates	No Odor
10:40	5	160	5.10	0.21	7.58	1.08	11.10	1.58	10.3	251.7	Small Black Particulates, Small Orange Particulates	No Odor
10:45	5	140	5.09	0.42	7.56	1.19	7.89	1.09	10.5	147.4	Small Orange Particulates, Small White Particulates	No Odor
10:50	5	140	5.09	0.60	7.55	1.28	9.36	0.91	10.4	64.6	Small Black Particulates, Small Orange Particulates	No Odor
10:55	5	140	5.09	0.78	7.55	1.34	5.62	0.79	10.6	8.4	Small Black Particulates, Small Orange Particulates	No Odor
11:00	5	140	5.09	0.96	7.55	1.39	5.76	0.70	11.0	-26.3	Small Black Particulates, Small Orange Particulates	No Odor
11:05	5	140	5.09	1.14	7.56	1.39	8.46	0.65	10.7	-50.5	Small Black Particulates, Small Orange Particulates	No Odor
11:10	5	140	5.09	1.32	7.56	1.41	3.93	0.58	10.7	-58.3	Small Black Particulates, Small Orange Particulates	No Odor
11:15	5	140	5.09	1.50	7.57	1.43	3.80	0.51	11.1	-66.5	Small White Particulates	No Odor
11:20	5	140	5.09	1.68	7.57	1.44	3.19	0.50	11.0	-72.3	Small White Particulates	No Odor
11:25	5	140	5.09	1.86	7.57	1.44	2.17	0.47	11.0	-77.7	Small White Particulates	No Odor
11:30	5	140	5.09	2.04	7.57	1.44	0.97	0.43	11.0	-82.2	Small White Particulates	No Odor
11:35	5	140	5.09	2.22	7.57	1.45	1.61	0.43	11.1	-84.1	Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12034 Brewster; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-92S			Date	05-19-2022
Project Name/Location	Ford LTP			Weather	70.0 degrees F and Cloudy. The wind is blowing W/SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.21	Total Depth (ft-bmp)	12.09	Water Column (ft.)	6.88	Gallons in Well	1.12
		Pump Intake (ft-bmp)	6.71	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.34		--		Lottie Jay
Sample Time: Label	13:25	Volume Purged	2.62 gallons	Replicate/Code No.		Sampled by	
Purge Start	12:23						
Purge End	13:27						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:25	0	160	5.24	0.00	7.62	0.53	1.76	3.37	12.5	107.1	Small White Particulates	No Odor
12:30	5	160	5.24	0.21	7.64	0.56	1.11	2.94	12.3	103.8	Small White Particulates	No Odor
12:35	5	170	5.24	0.42	7.63	0.60	1.14	2.51	12.2	98.9	Small White Particulates	No Odor
12:40	5	170	2.54	0.64	7.63	0.63	0.48	2.26	12.1	92.4	Small White Particulates	No Odor
12:45	5	170	5.24	0.86	7.62	0.67	0.52	2.05	12.0	83.5	Small White Particulates	No Odor
12:50	5	170	5.24	1.08	7.62	0.71	0.02	2.09	12.2	63.1	Clear	No Odor
12:55	5	170	5.24	1.30	7.62	0.75	0.61	1.75	12.1	38.1	Clear	No Odor
13:00	5	170	5.24	1.52	7.62	0.79	0.51	1.89	12.2	12.5	Clear	No Odor
13:05	5	170	5.24	1.74	7.62	0.81	0.02	1.83	11.9	-7.3	Clear	No Odor
13:10	5	170	5.24	1.96	7.62	0.83	0.36	1.86	12.0	-22.5	Clear	No Odor
13:15	5	170	5.24	2.18	7.61	0.85	0.37	1.60	12.1	-31.6	Clear	No Odor
13:20	5	170	5.24	2.40	7.62	0.86	0.02	1.65	12.1	-39.6	Clear	No Odor
13:25	5	170	5.24	2.62	7.63	0.86	0.02	1.69	12.1	-44.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12036 Brewster; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-93S			Date	05-11-2022
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Cloudy. The wind is blowing S/SE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.32	Total Depth (ft-bmp)	12.05	Water Column (ft.)	6.73	Gallons in Well	1.09
		Pump Intake (ft-bmp)	6.82	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.25		--		Gary Schafer
Sample Time:	Label 13:16	Volume Purged	1.36 gallons	Replicate/Code No.		Sampled by	
	Purge Start 12:33						
	Purge End 13:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:35	0	125	5.32	0.00	7.05	0.45	0.02	5.81	10.7	118.2	Clear	No Odor
12:40	5	125	5.32	0.17	7.19	0.45	0.02	1.26	10.8	96.6	Clear	No Odor
12:45	5	125	5.32	0.34	7.27	0.46	0.02	0.77	10.6	83.0	Clear	No Odor
12:50	5	125	5.32	0.51	7.32	0.46	0.02	0.70	10.5	73.5	Clear	No Odor
12:55	5	125	5.32	0.68	7.36	0.46	0.02	0.64	10.6	65.3	Clear	No Odor
13:00	5	125	5.32	0.85	7.40	0.46	0.02	0.63	10.7	60.0	Clear	No Odor
13:05	5	125	5.32	1.02	7.45	0.46	0.02	0.55	10.7	53.8	Clear	No Odor
13:10	5	125	5.32	1.19	7.46	0.46	0.02	0.54	10.7	49.1	Clear	No Odor
13:15	5	125	5.32	1.36	7.45	0.46	0.02	0.53	10.7	45.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	11775 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-94S			Date	05-10-2022
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Mostly Cloudy. The wind is blowing S at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.32	Total Depth (ft-bmp)	12.21	Water Column (ft.)	6.89	Gallons in Well	1.12
		Pump Intake (ft-bmp)	6.82	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.21		--		Gary Schafer
Sample Time:	Label 15:06	Volume Purged	1.36 gallons	Replicate/Code No.		Sampled by	
	Purge Start 14:23						
	Purge End 15:14						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:25	0	125	5.34	0.00	6.79	0.61	4.53	2.53	12.0	158.1	Clear	No Odor
14:30	5	125	5.34	0.17	6.97	0.66	3.23	0.94	11.5	121.3	Clear	No Odor
14:35	5	125	5.34	0.34	7.08	0.67	3.78	0.67	11.6	102.1	Clear	No Odor
14:40	5	125	5.34	0.51	7.17	0.67	2.68	0.57	11.7	80.5	Clear	No Odor
14:45	5	125	5.34	0.68	7.24	0.67	3.01	0.53	11.8	84.5	Clear	No Odor
14:50	5	125	5.34	0.85	7.28	0.67	2.19	0.52	11.9	55.6	Clear	No Odor
14:55	5	125	5.34	1.02	7.30	0.67	2.63	0.48	11.9	50.9	Clear	No Odor
15:00	5	125	5.34	1.19	7.30	0.67	2.52	0.46	11.8	45.0	Clear	No Odor
15:05	5	125	5.34	1.36	7.34	0.67	2.01	0.47	11.8	41.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	11680 Boston Post; north side front	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-95S			Date	05-10-2022
Project Name/Location	Ford LTP			Weather	70.0 degrees F and Mostly Cloudy. The wind is blowing S at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.55	Total Depth (ft-bmp)	12	Water Column (ft.)	9.45	Gallons in Well	1.54
		Pump Intake (ft-bmp)	4.05	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.66		--		Gary Schafer
Sample Time:	Label 12:56	Volume Purged	1.02 gallons	Replicate/Code No.		Sampled by	
	Purge Start 12:23						
	Purge End 13:03						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:25	0	125	2.58	0.00	6.60	0.70	1.28	8.17	10.9	152.6	Clear	No Odor
12:30	5	125	2.58	0.17	6.66	0.71	1.84	8.21	11.1	148.3	Clear	No Odor
12:35	5	125	2.58	0.34	6.72	0.73	2.36	8.30	11.1	143.2	Clear	No Odor
12:40	5	125	2.58	0.51	6.77	0.74	2.12	7.90	11.2	139.2	Clear	No Odor
12:45	5	125	2.58	0.68	6.79	0.74	2.41	7.96	11.2	137.3	Clear	No Odor
12:50	5	125	2.58	0.85	6.81	0.74	2.37	7.96	11.1	135.3	Clear	No Odor
12:55	5	125	2.58	1.02	6.81	0.74	1.22	7.89	11.2	134.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	12131 Boston Post; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-103S			Date	05-10-2022
Project Name/Location	Ford LTP			Weather	70.0 degrees F and Mostly Cloudy. The wind is blowing S at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.59	Total Depth (ft-bmp)	6.72	Water Column (ft.)	4.13	Gallons in Well	0.67
		Pump Intake (ft-bmp)	4.09	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.99		--		
Sample Time: Label	13:00	Volume Purged	2.0 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	12:17						
Purge End	13:03						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:18	0	220	2.61	0.00	7.09	0.94	8.12	3.27	13.2	32.7	Clear	No Odor
12:23	5	220	2.61	0.29	7.09	0.93	4.03	0.93	11.6	32.6	Clear	No Odor
12:28	5	220	2.61	0.58	7.10	0.90	3.80	0.59	11.5	37.1	Clear	No Odor
12:33	5	200	2.61	0.87	7.11	0.89	3.75	0.52	11.3	37.5	Clear	No Odor
12:38	5	220	2.61	1.13	7.12	0.88	0.16	0.49	11.2	32.5	Clear	No Odor
12:43	5	220	2.61	1.42	7.13	0.86	3.74	0.42	11.3	20.4	Clear	No Odor
12:48	5	220	2.61	1.71	7.13	0.86	2.48	0.42	11.3	17.1	Clear	No Odor
12:53	5	220	2.61	2.00	7.13	0.86	2.69	0.44	11.3	10.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
1" = 0.04	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	34424 Capitol st	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-104S			Date	05-10-2022
Project Name/Location	Ford LTP			Weather	73.0 degrees F and Mostly Cloudy. The wind is blowing S at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.0-14.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.4	Total Depth (ft-bmp)	14.19	Water Column (ft.)	3.79	Gallons in Well	0.62
		Pump Intake (ft-bmp)	11.9	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.13		--		Lottie Jay
Sample Time:	Label 13:50	Volume Purged	1.32 gallons	Replicate/Code No.		Sampled by	
	Purge Start 13:10						
	Purge End 13:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:15	0	160	10.45	0.00	8.03	0.32	1.90	9.72	10.6	231.1	Clear	No Odor
13:20	5	160	10.45	0.26	8.02	0.33	1.01	9.15	10.7	229.4	Clear	No Odor
13:25	5	150	10.45	0.52	8.03	0.33	0.02	8.83	10.8	228.8	Clear	No Odor
13:30	5	150	10.45	0.72	8.04	0.33	0.02	9.84	10.5	228.7	Clear	No Odor
13:35	5	150	10.45	0.92	8.04	0.33	0.02	9.22	10.5	230.0	Clear	No Odor
13:40	5	150	10.45	1.12	8.04	0.32	0.02	9.42	10.7	230.7	Clear	No Odor
13:45	5	150	10.45	1.32	8.04	0.32	0.39	9.07	10.6	232.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34900 Standish St; backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-109S			Date	05-09-2022
Project Name/Location	Ford LTP			Weather	61.0 degrees F and Mostly Clear. The wind is blowing S/SE at 16.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.3	Total Depth (ft-bmp)	12.32	Water Column (ft.)	7.02	Gallons in Well	1.14
		Pump Intake (ft-bmp)	6.8	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.51		--		
Sample Time:	Label 13:20	Volume Purged	2.86 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
	Purge Start 12:17						
	Purge End 13:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:19	0	200	5.30	0.00	7.32	0.20	9.80	4.65	11.6	23.4	Clear, Small Orange Particulates	No Odor
12:24	5	200	5.30	0.26	7.28	0.21	1.84	4.00	11.4	26.7	Clear	No Odor
12:29	5	200	5.30	0.52	7.23	0.21	0.76	4.29	11.2	29.0	Clear	No Odor
12:34	5	200	5.30	0.78	7.25	0.21	1.90	3.83	11.2	27.5	Clear	No Odor
12:39	5	200	5.30	1.04	7.23	0.24	0.86	3.52	11.1	27.6	Clear	No Odor
12:44	5	200	5.30	1.30	7.23	0.80	0.71	2.53	11.1	57.8	Clear	No Odor
12:49	5	200	5.30	1.56	7.17	1.53	0.02	1.73	11.0	61.1	Clear	No Odor
12:54	5	200	5.30	1.82	7.18	1.75	0.02	1.55	11.1	58.9	Clear	No Odor
12:59	5	200	5.30	2.08	7.19	1.94	0.02	1.51	11.0	54.4	Clear	No Odor
13:04	5	200	5.30	2.34	7.21	2.17	0.02	1.41	11.1	49.0	Clear	No Odor
13:09	5	200	5.30	2.60	7.21	2.18	0.02	1.38	11.1	44.5	Clear	No Odor
13:14	5	200	5.30	2.86	7.22	2.22	0.02	1.36	11.1	42.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34990 Beacon st	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-110S			Date	05-09-2022
Project Name/Location	Ford LTP			Weather	66.9 degrees F and Mostly Clear.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.12	Total Depth (ft-bmp)	12.62	Water Column (ft.)	3.5	Gallons in Well	0.57
		Pump Intake (ft-bmp)	10.62	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.91		--		
Sample Time: Label	14:50	Volume Purged	1.66 gallons	Replicate/Code No.		Sampled by	Lottie Jay
Purge Start	14:00						
Purge End	14:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:05	0	140	9.60	0.00	7.88	0.39	2.46	10.42	12.1	128.6	Clear	No Odor
14:10	5	140	9.70	0.18	7.88	0.39	3.36	10.19	12.1	128.9	Clear	No Odor
14:15	5	140	9.70	0.36	7.88	0.39	3.55	10.64	12.0	129.8	Clear	No Odor
14:20	5	150	9.20	0.54	7.89	0.39	2.27	11.16	12.0	131.2	Clear	No Odor
14:25	5	150	9.20	0.74	7.88	0.39	1.46	9.52	11.8	132.5	Clear	No Odor
14:30	5	140	9.20	0.94	7.87	0.39	0.89	8.47	11.6	133.8	Clear	No Odor
14:35	5	140	9.20	1.12	7.87	0.39	0.88	10.41	11.6	135.8	Clear	No Odor
14:40	5	140	9.20	1.30	7.88	0.39	0.40	9.12	11.6	136.0	Clear	No Odor
14:45	5	140	9.20	1.48	7.87	0.39	0.61	9.34	11.7	136.5	Clear	No Odor
14:50	5	140	9.20	1.66	7.87	0.39	0.39	9.36	11.6	137.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34850 Standish St; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-111S			Date	05-13-2022
Project Name/Location	Ford LTP			Weather	73.0 degrees F and Mostly Clear. The wind is blowing S at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.37	Total Depth (ft-bmp)	12.68	Water Column (ft.)	5.31	Gallons in Well	0.86
		Pump Intake (ft-bmp)	8.87	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.58		--		Gary Schafer
Sample Time:	Label 11:56	Volume Purged	1.36 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:13						
	Purge End 12:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:15	0	125	7.38	0.00	7.11	0.30	2.23	1.69	12.1	51.6	Clear	No Odor
11:20	5	125	7.38	0.17	7.17	0.31	1.45	0.59	12.2	-2.3	Clear	No Odor
11:25	5	125	7.38	0.34	7.28	0.33	0.02	0.44	12.0	-29.8	Clear	No Odor
11:30	5	125	7.38	0.51	7.34	0.35	0.40	0.41	12.1	-36.3	Clear	No Odor
11:35	5	125	7.38	0.68	7.39	0.37	0.02	0.45	12.0	-33.9	Clear	No Odor
11:40	5	125	7.38	0.85	7.39	0.38	0.02	0.46	11.9	-30.9	Clear	No Odor
11:45	5	125	7.38	1.02	7.39	0.39	0.08	0.43	11.8	-35.8	Clear	No Odor
11:50	5	125	7.38	1.19	7.40	0.40	0.05	0.40	12.0	-32.8	Clear	No Odor
11:55	5	125	7.38	1.36	7.41	0.40	0.02	0.40	12.0	-31.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12051 Stark; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-112S			Date	05-13-2022
Project Name/Location	Ford LTP			Weather	75.0 degrees F and Mostly Clear. The wind is blowing S/SE at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.26	Total Depth (ft-bmp)	11.65	Water Column (ft.)	4.39	Gallons in Well	0.71
		Pump Intake (ft-bmp)	8.76	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.44		--		Lottie Jay
Sample Time: Label	12:30	Volume Purged	2.44 gallons	Replicate/Code No.		Sampled by	
Purge Start	11:25						
Purge End	12:34						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:30	0	150	6.82	0.00	7.05	0.10	16.30	4.47	12.5	5.1	Small Orange Particulates	No Odor
11:35	5	150	6.82	0.20	6.93	0.10	13.80	3.80	12.0	7.8	Small Orange Particulates	No Odor
11:40	5	160	6.83	0.40	6.89	0.11	11.20	3.58	12.2	10.1	Small Orange Particulates	No Odor
11:45	5	160	6.83	0.61	6.88	0.11	9.36	3.50	12.6	11.2	Small Orange Particulates	No Odor
11:50	5	140	6.83	0.82	6.88	0.11	10.40	3.76	12.3	14.8	Small Orange Particulates	No Odor
11:55	5	140	6.83	1.00	6.89	0.10	8.56	3.70	12.3	15.5	Clear	No Odor
12:00	5	140	6.83	1.18	6.88	0.11	8.51	3.21	12.8	14.9	Small Orange Particulates	No Odor
12:05	5	170	6.83	1.36	6.91	0.11	18.40	3.75	11.6	18.3	Small Orange Particulates	No Odor
12:10	5	170	6.83	1.56	6.91	0.11	11.50	3.80	11.5	18.3	Small Orange Particulates	No Odor
12:15	5	170	6.83	1.78	6.92	0.12	7.16	3.64	11.8	17.4	Small Orange Particulates	No Odor
12:20	5	170	6.83	2.00	6.94	0.12	6.70	3.59	12.3	16.2	Small Orange Particulates	No Odor
12:25	5	170	6.83	2.22	6.95	0.13	2.28	3.39	12.0	13.9	Small Orange Particulates	No Odor
12:30	5	170	6.83	2.44	6.96	0.13	3.09	4.03	12.0	12.6	Small Orange Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34935 Wadsworth St; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-115S			Date	05-09-2022
Project Name/Location	Ford LTP			Weather	57.0 degrees F and Partly Cloudy. The wind is blowing S/SE at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.34	Total Depth (ft-bmp)	12.51	Water Column (ft.)	9.17	Gallons in Well	1.49
		Pump Intake (ft-bmp)	4.84	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.14				
Sample Time: Label	10:46	Volume Purged	1.7 gallons	Replicate/Code No.	DUP-16	Sampled by	Gary Schafer
Purge Start	09:53						
Purge End	11:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:55	0	125	3.35	0.00	6.56	0.85	10.80	5.90	9.7	176.1	Clear, Small Brown Particulates	No Odor
10:00	5	125	3.35	0.17	6.83	0.92	13.90	2.75	9.6	122.4	Clear, Small Brown Particulates	No Odor
10:05	5	125	3.35	0.34	6.99	0.99	7.54	1.33	9.5	75.2	Clear, Small Brown Particulates	No Odor
10:10	5	125	3.35	0.51	7.08	1.02	7.30	0.98	9.5	50.4	Clear	No Odor
10:15	5	125	3.35	0.68	7.13	1.05	4.39	0.85	9.5	32.9	Clear	No Odor
10:20	5	125	3.35	0.85	7.17	1.12	3.80	0.81	9.5	15.7	Clear	No Odor
10:25	5	125	3.35	1.02	7.19	1.17	4.20	0.75	9.8	2.6	Clear	No Odor
10:30	5	125	3.35	1.19	7.23	1.21	2.25	0.74	9.7	-9.1	Clear	No Odor
10:35	5	125	3.35	1.36	7.25	1.23	3.36	0.75	9.7	-16.6	Clear	No Odor
10:40	5	125	3.35	1.53	7.26	1.24	1.31	0.76	9.7	-21.1	Clear	No Odor
10:45	5	125	3.35	1.70	7.27	1.25	2.39	0.75	9.8	-24.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12070 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-116S			Date	05-16-2022
Project Name/Location	Ford LTP			Weather	66.0 degrees F and Mostly Cloudy. The wind is blowing S at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.07	Total Depth (ft-bmp)	13.8	Water Column (ft.)	5.73	Gallons in Well	0.93
		Pump Intake (ft-bmp)	9.57	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.1		--		Lottie Jay
Sample Time: Label	14:35	Volume Purged	2.88 gallons	Replicate/Code No.		Sampled by	
Purge Start	13:33						
Purge End	14:39						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:35	0	180	8.12	0.00	6.30	0.20	30.20	5.74	11.2	80.2	Clear	No Odor
13:40	5	180	8.12	0.24	6.92	0.22	28.00	4.15	11.0	48.7	Clear	No Odor
13:45	5	180	8.12	0.48	6.92	0.27	19.80	3.85	11.0	42.4	Clear	No Odor
13:50	5	180	8.12	0.72	6.94	0.25	14.70	3.94	11.0	42.2	Clear	No Odor
13:55	5	180	8.13	0.96	6.94	0.26	6.62	3.65	11.2	39.8	Clear	No Odor
14:00	5	180	8.13	1.20	6.94	0.27	4.76	3.47	11.1	38.0	Clear	No Odor
14:05	5	180	8.13	1.44	6.94	0.29	5.40	3.24	11.1	34.9	Clear	No Odor
14:10	5	180	8.13	1.68	6.96	0.30	4.56	3.14	11.2	32.4	Clear	No Odor
14:15	5	180	8.13	1.92	6.98	0.32	3.14	3.00	10.9	29.6	Clear	No Odor
14:20	5	180	8.13	2.16	7.01	0.34	3.05	2.94	10.9	24.4	Clear	No Odor
14:25	5	180	8.13	2.40	7.01	0.35	0.19	2.83	11.1	23.8	Clear	No Odor
14:30	5	180	8.13	2.64	7.03	0.36	1.81	2.78	10.8	22.4	Clear	No Odor
14:35	5	180	8.13	2.88	7.03	0.37	1.94	2.80	11.0	20.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34851 Wadsworth	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-117S			Date	05-09-2022
Project Name/Location	Ford LTP			Weather	53 degrees F and sunny. Wind E at 2.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.4	Total Depth (ft-bmp)	12.4	Water Column (ft.)	7	Gallons in Well	1.14
		Pump Intake (ft-bmp)	6.9	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.01		--		
Sample Time: Label	13:50	Volume Purged	1.15 gallons	Replicate/Code No.		Sampled by	Christian Garrido
Purge Start	13:10						
Purge End	13:57						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:15	0	140	5.30	0.00	7.31	2.42	264.00	3.80	10.8	-30.6	Cloudy, Orange	No Odor
13:20	5	120	5.40	0.18	7.45	2.42	29.80	1.54	10.4	-61.1	Clear	No Odor
13:25	5	130	5.40	0.34	7.48	2.40	12.80	1.44	10.4	-67.5	Clear	No Odor
13:30	5	120	5.50	0.51	7.49	2.33	0.02	1.62	10.3	-71.3	Clear	No Odor
13:35	5	120	5.50	0.67	7.49	2.33	0.02	1.90	10.2	-73.9	Clear	No Odor
13:40	5	120	5.50	0.83	7.50	2.31	0.02	1.52	10.2	-76.0	Clear	No Odor
13:45	5	120	5.50	0.99	7.50	2.30	0.02	1.55	10.2	-77.5	Clear	No Odor
13:50	5	120	5.50	1.15	7.50	2.30	0.02	1.48	10.3	-78.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12089 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-118S			Date	05-09-2022
Project Name/Location	Ford LTP			Weather	64.9 degrees F and Clear and Windy. The wind is blowing S/SE at 21.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.77	Total Depth (ft-bmp)	12.41	Water Column (ft.)	8.64	Gallons in Well	1.4
		Pump Intake (ft-bmp)	5.27	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.73		--		Gary Schafer
Sample Time:	Label 13:51	Volume Purged	1.02 gallons	Replicate/Code No.		Sampled by	
	Purge Start 13:17						
	Purge End 13:58						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	125	3.78	0.00	6.65	0.33	14.70	6.56	11.9	128.4	Small White Particulates, Turbid	No Odor
13:25	5	125	3.78	0.17	6.70	0.34	7.04	5.24	11.8	113.0	Clear, Small White Particulates	No Odor
13:30	5	125	3.78	0.34	6.78	0.36	5.61	5.02	11.7	94.1	Clear, Small White Particulates	No Odor
13:35	5	125	3.78	0.51	6.89	0.36	3.79	4.88	11.9	79.1	Clear	No Odor
13:40	5	125	3.78	0.68	6.91	0.37	3.42	4.72	11.7	72.4	Clear	No Odor
13:45	5	125	3.78	0.85	6.92	0.37	3.40	4.32	11.8	68.9	Clear	No Odor
13:50	5	125	3.79	1.02	6.95	0.37	2.87	4.35	11.5	62.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12124 Boston Post; north side of house	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-119S			Date	05-17-2022
Project Name/Location	Ford LTP			Weather	53 degrees F and cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.2	Total Depth (ft-bmp)	12.35	Water Column (ft.)	8.15	Gallons in Well	1.32
		Pump Intake (ft-bmp)	5.7	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.74		--		
Sample Time:	Label 12:50	Volume Purged	0.98 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 12:15						
	Purge End 12:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	120	4.20	0.00	7.39	0.58	0.02	0.99	11.1	32.7	Clear	No Odor
12:25	5	130	4.20	0.16	7.41	0.55	0.02	1.01	11.0	7.0	Clear	No Odor
12:30	5	120	4.30	0.33	7.42	0.55	0.02	0.87	10.8	-4.3	Clear	No Odor
12:35	5	130	4.30	0.49	7.45	0.55	0.02	0.85	10.8	-12.5	Clear	No Odor
12:40	5	120	4.30	0.66	7.42	0.56	0.02	0.83	10.7	-22.9	Clear	No Odor
12:45	5	120	4.30	0.82	7.42	0.56	0.02	0.89	10.9	-26.0	Clear	No Odor
12:50	5	120	4.30	0.98	7.43	0.56	0.02	0.86	10.8	-16.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	12034 Boston Post; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-121S			Date	05-11-2022
Project Name/Location	Ford LTP			Weather	73.0 degrees F and Cloudy. The wind is blowing SE at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.56	Total Depth (ft-bmp)	12.08	Water Column (ft.)	6.52	Gallons in Well	1.06
		Pump Intake (ft-bmp)	7.06	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.92		--		Gary Schafer
Sample Time: Label	11:51	Volume Purged	2.04 gallons	Replicate/Code No.		Sampled by	
Purge Start	10:48						
Purge End	11:59						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	125	5.58	0.00	7.06	0.74	27.40	1.23	10.8	75.3	Clear, Small Red Particulates	No Odor
10:55	5	125	5.58	0.17	7.10	0.75	20.70	4.31	10.9	59.1	Clear, Small Red Particulates	No Odor
11:00	5	125	5.58	0.34	7.18	0.74	20.08	3.61	10.9	-9.8	Clear, Small Red Particulates	No Odor
11:05	5	125	5.58	0.51	7.25	0.73	16.80	3.78	11.3	-30.7	Clear, Small Red Particulates	No Odor
11:10	5	125	5.58	0.68	7.34	0.72	12.60	3.07	11.0	-41.7	Clear	No Odor
11:15	5	125	5.58	0.85	7.29	0.71	9.09	2.82	10.7	-41.9	Clear	No Odor
11:20	5	125	5.58	1.02	7.28	0.73	4.64	2.41	10.9	-41.5	Clear	No Odor
11:25	5	125	5.58	1.19	7.33	0.69	2.21	2.20	10.8	-45.9	Clear	No Odor
11:30	5	125	5.58	1.36	7.34	0.68	2.57	2.01	10.8	-45.9	Clear	No Odor
11:35	5	125	5.58	1.53	7.37	0.67	2.00	1.91	10.9	-48.3	Clear	No Odor
11:40	5	125	5.58	1.70	7.40	0.68	0.21	1.73	11.2	-50.1	Clear	No Odor
11:45	5	125	5.58	1.87	7.41	0.67	0.02	1.69	11.1	-50.0	Clear	No Odor
11:50	5	125	5.58	2.04	7.41	0.66	0.02	1.58	11.2	-49.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11710 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-123S			Date	05-11-2022
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Cloudy. The wind is blowing E/SE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	0.96	Total Depth (ft-bmp)	10.96	Water Column (ft.)	10	Gallons in Well	1.62
		Pump Intake (ft-bmp)	2.46	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.12		--		
Sample Time: Label	13:58	Volume Purged	1.82 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	13:17						
Purge End	14:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:18	0	200	1.06	0.00	6.98	1.15	4.05	1.53	11.9	11.3	Clear	No Odor
13:23	5	200	1.06	0.26	7.00	1.40	1.88	1.29	11.4	-19.4	Clear	No Odor
13:28	5	200	1.06	0.52	7.03	1.64	0.98	0.91	11.4	-32.0	Clear	No Odor
13:33	5	200	1.07	0.78	7.07	1.67	0.36	0.52	11.3	-43.8	Clear	No Odor
13:38	5	200	0.80	1.04	7.11	1.79	0.69	0.54	11.1	-51.9	Clear	No Odor
13:43	5	200	1.04	1.30	7.13	1.88	0.20	0.46	11.1	-57.8	Clear	No Odor
13:48	5	200	1.09	1.56	7.14	1.90	0.62	0.44	11.1	-59.6	Clear	No Odor
13:53	5	200	1.10	1.82	7.15	1.93	0.53	0.45	10.9	-62.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments Vault filled with water; purged prior to removing tight J-plug.

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	12075 Brewster st	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-125			Date	05-04-2022
Project Name/Location	Ford LTP			Weather	43 degrees F, cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7.0-12.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	0.83	Total Depth (ft-bmp)	11.71	Water Column (ft.)	10.88	Gallons in Well	1.77
		Pump Intake (ft-bmp)	9.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.59		--		
Sample Time:	Label 11:25	Volume Purged	1.04 gallons	Replicate/Code No.		Sampled by	Seth Turner
	Purge Start 10:35						
	Purge End 11:30						

ST

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	100	0.85	0.00	7.08	3.21	24.90	2.86	10.5	-89.9	Clear, Small Red Particulates	No Odor
10:45	5	100	0.85	0.13	7.16	1.30	22.10	2.69	10.4	-102.5	Clear, Small Orange Particulates	No Odor
10:50	5	100	0.86	0.26	7.17	1.29	19.70	2.58	10.4	-111.4	Clear, Small Black Particulates, Small Orange	No Odor
10:55	5	100	0.86	0.39	7.16	1.29	7.00	1.80	10.5	-114.7	Clear	No Odor
11:00	5	100	0.86	0.52	7.17	1.30	6.03	1.79	10.4	-116.9	Clear	No Odor
11:05	5	100	0.86	0.65	7.18	1.31	3.62	0.13	10.4	-118.3	Clear	No Odor
11:10	5	100	0.86	0.78	7.19	1.32	0.02	0.13	10.4	-119.4	Clear	No Odor
11:15	5	100	0.86	0.91	7.23	1.32	0.02	0.12	10.5	-120.1	Clear	No Odor
11:20	5	100	0.86	1.04	7.24	1.32	0.02	0.11	10.5	-120.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	35601 Veronica Ave; Behind MJS packaging.	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-125S			Date	05-04-2022
Project Name/Location	Ford LTP			Weather	50F, sunny		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	0.82	Total Depth (ft-bmp)	6.74	Water Column (ft.)	5.92	Gallons in Well	0.96
		Pump Intake (ft-bmp)	2.32	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.81		--		
Sample Time: Label	12:20	Volume Purged	0.78 gallons	Replicate/Code No.		Sampled by	Seth Turner
Purge Start	11:40						
Purge End	12:25						

ST

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:45	0	100	0.83	0.00	7.12	1.16	1.46	11.17	10.0	-114.7	Clear, Small Black Particulates	No Odor
11:50	5	100	0.83	0.13	7.07	1.22	0.02	10.75	10.4	-121.8	Clear	No Odor
11:55	5	100	0.83	0.26	7.08	1.22	0.02	10.16	10.4	-126.0	Clear	No Odor
12:00	5	100	0.84	0.39	7.08	1.21	0.02	9.74	10.4	-131.2	Clear	No Odor
12:05	5	100	0.84	0.52	7.08	1.22	0.02	9.35	10.4	-136.0	Clear	No Odor
12:10	5	100	0.84	0.65	7.08	1.21	0.02	9.06	10.4	-139.5	Clear	No Odor
12:15	5	100	0.84	0.78	7.08	1.21	0.02	8.98	10.4	-140.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	35601 Veronica Ave; Behind MSJ containers	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair,Pad damaged	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-126S			Date	05-09-2022
Project Name/Location	Ford LTP			Weather	57.0 degrees F and Partly Cloudy. The wind is blowing S/SE at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.32	Total Depth (ft-bmp)	12.79	Water Column (ft.)	4.47	Gallons in Well	0.73
		Pump Intake (ft-bmp)	9.82	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.05		--		Lottie Jay
Sample Time: Label	11:45	Volume Purged	2.96 gallons	Replicate/Code No.		Sampled by	
Purge Start	10:40						
Purge End	11:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:45	0	180	8.32	0.00	7.25	0.63	100.00	2.30	10.8	5.5	Small Orange Particulates	No Odor
10:50	5	180	8.32	0.24	7.32	0.50	66.80	7.08	10.7	-6.7	Small Orange Particulates	No Odor
10:55	5	200	8.33	0.48	7.34	0.43	17.20	11.76	10.7	-12.3	Small Orange Particulates	No Odor
11:00	5	200	8.33	0.74	7.35	0.44	36.60	11.44	10.7	-14.6	Small Orange Particulates	No Odor
11:05	5	200	8.32	1.00	7.39	0.35	12.00	10.87	10.7	-24.9	Small Orange Particulates	No Odor
11:10	5	200	8.32	1.26	7.40	0.31	12.30	10.54	10.7	-29.7	Small Orange Particulates	No Odor
11:15	5	180	8.32	1.52	7.43	0.32	4.81	9.86	10.7	-39.2	Small Orange Particulates	No Odor
11:20	5	180	8.32	1.76	7.42	0.30	3.48	9.68	10.5	-43.6	Small Orange Particulates	No Odor
11:25	5	180	8.32	2.00	7.44	0.29	2.42	9.38	10.6	-46.8	Small Orange Particulates	No Odor
11:30	5	180	8.34	2.24	7.46	0.28	9.36	9.05	10.6	-48.9	Small Orange Particulates	No Odor
11:35	5	180	8.34	2.48	7.45	0.29	8.61	2.59	10.7	-49.7	Small Orange Particulates	No Odor
11:40	5	180	8.32	2.72	7.49	0.26	12.90	2.43	10.6	-50.8	Small Orange Particulates	No Odor
11:45	5	180	8.32	2.96	7.48	0.26	12.30	7.75	10.7	-52.9	Small Orange Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34966 Standish	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-127S			Date	05-18-2022
Project Name/Location	Ford LTP			Weather	52 degrees F and cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.85	Total Depth (ft-bmp)	12.3	Water Column (ft.)	10.45	Gallons in Well	1.7
		Pump Intake (ft-bmp)	3.35	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.76		--		
Sample Time:	Label 13:15	Volume Purged	1.3 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 12:32						
	Purge End 13:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:35	0	130	1.85	0.00	7.06	0.50	8.72	4.32	12.1	19.4	Clear	No Odor
12:40	5	130	1.90	0.17	7.10	0.54	3.73	0.97	11.9	-2.4	Clear	No Odor
12:45	5	120	1.90	0.34	7.15	0.57	0.02	0.54	11.6	-5.6	Clear	No Odor
12:50	5	120	2.00	0.50	7.18	0.58	0.02	0.39	11.4	-12.1	Clear	No Odor
12:55	5	120	2.00	0.66	7.16	0.95	0.02	0.26	11.3	-31.3	Clear	No Odor
13:00	5	120	2.00	0.82	7.20	1.31	0.02	0.23	11.3	-51.2	Clear	No Odor
13:05	5	120	2.00	0.98	7.29	1.35	0.02	0.20	11.3	-53.2	Clear	No Odor
13:10	5	120	2.00	1.14	7.31	1.36	0.02	0.22	11.3	-59.4	Clear	No Odor
13:15	5	120	2.00	1.30	7.31	1.37	0.02	0.19	11.3	-63.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	34424 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-128S			Date	05-13-2022
Project Name/Location	Ford LTP			Weather	77.0 degrees F and Mostly Clear. The wind is blowing S/SE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.0-14.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.44	Total Depth (ft-bmp)	13.05	Water Column (ft.)	6.61	Gallons in Well	1.07
		Pump Intake (ft-bmp)	7.94	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.7		--		
Sample Time:	Label 13:40	Volume Purged	1.82 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
	Purge Start 12:54						
	Purge End 13:43						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:58	0	200	6.50	0.00	7.42	0.52	1.17	1.44	12.6	72.6	Clear	No Odor
13:03	5	200	6.50	0.26	7.38	0.51	0.56	1.79	12.4	60.2	Clear	No Odor
13:08	5	200	6.50	0.52	7.38	0.51	0.27	1.79	12.4	60.2	Clear	No Odor
13:13	5	200	6.50	0.78	7.38	0.51	0.24	1.79	12.4	60.2	Clear	No Odor
13:18	5	200	6.50	1.04	7.28	0.55	0.10	2.64	12.8	56.7	Clear	No Odor
13:23	5	200	6.50	1.30	7.20	0.55	0.06	2.65	12.2	64.3	Clear	No Odor
13:28	5	200	6.50	1.56	7.21	0.56	0.08	2.64	12.1	67.9	Clear	No Odor
13:33	5	200	6.50	1.82	7.21	0.57	0.09	2.60	12.1	71.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
1" = 0.04	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*
3.5" = 0.50	*4" = 0.65*	*6" = 1.47*			

Well Information

Well Location:	34360 Capitol st	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-129			Date	05-05-2022
Project Name/Location	Ford LTP			Weather	44 degrees F, sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10.0-15.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.53	Total Depth (ft-bmp)	14.54	Water Column (ft.)	12.01	Gallons in Well	1.95
		Pump Intake (ft-bmp)	12.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.4		--		
Sample Time:	Label 09:45	Volume Purged	0.78 gallons	Replicate/Code No.		Sampled by	Seth Turner
	Purge Start 09:05						
	Purge End 09:50						

ST

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:10	0	100	2.54	0.00	6.57	0.88	7.34	0.92	9.5	-40.3	Turbid	No Odor
09:15	5	100	2.55	0.13	7.34	0.80	6.02	0.30	9.8	-121.8	Clear	No Odor
09:20	5	100	2.55	0.26	7.34	0.80	0.02	0.30	9.8	-121.8	Clear	No Odor
09:25	5	100	2.55	0.39	7.39	0.76	0.02	0.21	9.7	-127.5	Clear	No Odor
09:30	5	100	2.55	0.52	7.38	0.76	0.02	0.16	9.6	-129.5	Clear	No Odor
09:35	5	100	2.55	0.65	7.38	0.76	0.02	0.12	9.7	-130.1	Clear	No Odor
09:40	5	100	2.55	0.78	7.38	0.76	0.02	0.13	9.7	-130.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
1" = 0.04	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	35601 Veronica Ave; Behind metal garage with graffiti.	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-129S			Date	05-04-2022
Project Name/Location	Ford LTP			Weather	62 degrees F, sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.66	Total Depth (ft-bmp)	6.84	Water Column (ft.)	4.18	Gallons in Well	0.68
		Pump Intake (ft-bmp)	4.16	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.56		--		Seth Turner
Sample Time: Label	14:00	Volume Purged	1.06 gallons	Replicate/Code No.		Sampled by	
Purge Start	13:10						
Purge End	14:11						

ST

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:15	0	100	2.66	0.00	6.97	0.57	36.10	0.62	11.3	-24.4	Turbid	No Odor
13:20	5	100	2.66	0.13	6.95	0.60	27.40	0.56	11.3	-49.0	Turbid	No Odor
13:25	5	100	2.66	0.26	6.95	0.60	5.04	0.56	11.3	-49.0	Turbid	No Odor
13:30	5	100	2.66	0.39	6.95	0.62	2.41	0.54	11.2	-54.5	Clear, Small Orange Particulates	No Odor
13:35	5	100	2.66	0.52	6.95	0.63	10.20	0.50	11.2	-54.9	Clear, Small Orange Particulates	No Odor
13:40	5	100	2.66	0.65	6.95	0.63	5.02	0.50	11.2	-54.9	Clear, Small Orange Particulates	No Odor
13:45	5	114	2.66	0.78	6.95	0.64	2.18	0.61	11.1	-60.6	Clear, Turbid	No Odor
13:50	5	100	2.66	0.93	6.95	0.64	0.53	0.61	11.1	-60.6	Clear, Turbid	No Odor
13:55	5	100	2.66	1.06	6.95	0.64	0.53	0.61	11.1	-60.6	Clear, Turbid	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	35601 Veronica Ave; Behind metal garage with graffiti.	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-130S			Date	05-02-2022
Project Name/Location	Ford LTP			Weather	53.1 degrees F and Cloudy. The wind is blowing W/SW at 17.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.8	Total Depth (ft-bmp)	13.19	Water Column (ft.)	10.39	Gallons in Well	1.69
		Pump Intake (ft-bmp)	4.3	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.85		--		
Sample Time:	Label 14:45	Volume Purged	3.12 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
	Purge Start 13:40						
	Purge End 14:49						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:43	0	200	2.80	0.00	7.25	0.40	8.42	3.84	11.1	161.5	Clear, Small Orange Particulates	No Odor
13:48	5	200	2.80	0.26	7.25	0.42	1.59	3.47	10.8	159.4	Clear	No Odor
13:53	5	200	2.80	0.52	7.26	0.46	0.91	2.36	10.8	157.3	Clear	No Odor
13:58	5	200	2.80	0.78	7.20	0.70	0.73	1.95	10.8	163.1	Clear	No Odor
14:03	5	200	2.80	1.04	7.13	1.10	1.39	1.51	10.8	95.2	Clear	No Odor
14:08	5	200	2.80	1.30	7.15	1.27	0.33	2.01	10.9	37.2	Clear	No Odor
14:13	5	200	2.80	1.56	7.16	1.32	0.08	1.85	10.9	23.1	Clear	No Odor
14:18	5	200	2.80	1.82	7.17	1.43	0.70	1.82	10.9	1.5	Clear	No Odor
14:23	5	200	2.80	2.08	7.18	1.49	0.46	1.85	10.9	-12.5	Clear	No Odor
14:28	5	200	2.80	2.34	7.19	1.52	0.70	1.62	10.8	-23.7	Clear	No Odor
14:33	5	200	2.80	2.60	7.19	1.56	1.11	1.54	10.8	-30.6	Clear	No Odor
14:38	5	200	2.80	2.86	7.20	1.58	0.07	1.60	10.8	-38.1	Clear	No Odor
14:43	5	200	2.80	3.12	7.19	1.57	0.30	1.62	10.9	-40.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34600 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-143S			Date	05-06-2022
Project Name/Location	Ford LTP			Weather	54.0 degrees F and Light Rain. The wind is blowing E/NE at 17.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.72	Total Depth (ft-bmp)	10.5	Water Column (ft.)	3.78	Gallons in Well	0.61
		Pump Intake (ft-bmp)	8.22	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.23		--		Gary Schafer
Sample Time:	Label 13:41	Volume Purged	1.36 gallons	Replicate/Code No.		Sampled by	
	Purge Start 12:58						
	Purge End 13:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:00	0	125	6.75	0.00	7.25	0.62	3.68	0.41	10.2	111.0	Clear	No Odor
13:05	5	125	6.75	0.17	7.16	0.62	2.37	0.34	10.3	109.2	Clear	No Odor
13:10	5	125	6.75	0.34	7.16	0.62	3.35	0.40	10.3	105.3	Clear	No Odor
13:15	5	125	6.75	0.51	7.18	0.62	3.48	0.47	10.3	100.8	Clear	No Odor
13:20	5	125	6.75	0.68	7.21	0.62	3.07	0.40	10.3	97.5	Clear	No Odor
13:25	5	125	6.75	0.85	7.21	0.62	2.82	0.42	10.3	96.6	Clear	No Odor
13:30	5	125	6.75	1.02	7.22	0.61	2.78	0.38	10.3	95.7	Clear	No Odor
13:35	5	125	6.75	1.19	7.22	0.62	1.38	0.37	10.2	94.6	Clear	No Odor
13:40	5	125	6.75	1.36	7.22	0.61	2.28	0.38	10.2	94.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments Bailed out 4 inches of water in vault, before opening j-plug. J-plug tight

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12069 Stark	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-144S			Date	05-19-2022
Project Name/Location	Ford LTP			Weather	70 degrees and sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7.0-12.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.8	Total Depth (ft-bmp)	11.65	Water Column (ft.)	3.85	Gallons in Well	0.63
		Pump Intake (ft-bmp)	9.3	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.78		--		
Sample Time:	Label 13:15	Volume Purged	2.38 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 12:12						
	Purge End 13:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:15	0	150	7.80	0.00	7.27	0.47	482.00	5.71	12.7	79.0	Cloudy	No Odor
12:20	5	150	7.30	0.20	7.49	0.47	1,060.00	0.90	10.9	22.3	Cloudy	No Odor
12:25	5	150	7.40	0.40	7.50	0.49	778.00	0.78	10.7	15.1	Cloudy	No Odor
12:30	5	150	7.40	0.60	7.56	0.55	216.00	0.39	10.7	-4.3	Cloudy	No Odor
12:35	5	150	7.40	0.80	7.53	0.54	97.10	0.41	10.7	-15.1	Cloudy	No Odor
12:40	5	150	7.40	1.00	7.54	0.56	54.30	0.39	10.6	-23.3	Cloudy	No Odor
12:45	5	150	7.40	1.20	7.54	0.56	37.10	0.39	10.5	-30.6	Clear	No Odor
12:50	5	140	7.50	1.40	7.54	0.57	26.40	0.38	10.5	-38.8	Clear	No Odor
12:55	5	150	7.50	1.58	7.54	0.57	18.90	0.34	10.7	-42.0	Clear	No Odor
13:00	5	150	7.50	1.78	7.56	0.57	12.70	0.35	10.5	-47.1	Clear	No Odor
13:05	5	150	7.50	1.98	7.56	0.57	12.20	0.31	10.5	-49.7	Clear	No Odor
13:10	5	150	7.50	2.18	7.56	0.58	4.98	0.31	10.5	-51.4	Clear	No Odor
13:15	5	150	7.50	2.38	7.56	0.58	3.94	0.30	10.6	-52.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments Bentonite over J-plug removed prior to opening tight plug.

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12033 Stark	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-145S			Date	05-19-2022
Project Name/Location	Ford LTP			Weather	70 degrees F and cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.0-11.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6	Total Depth (ft-bmp)	9.95	Water Column (ft.)	3.95	Gallons in Well	0.64
		Pump Intake (ft-bmp)	7.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.52		--		
Sample Time:	Label 11:50	Volume Purged	1.61 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 11:03						
	Purge End 11:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	140	6.00	0.00	7.54	0.18	530.00	4.54	10.9	6.1	Cloudy, Orange	Faint Odor
11:10	5	140	6.10	0.18	7.42	0.20	88.10	3.21	10.3	7.7	Cloudy	No Odor
11:15	5	140	6.10	0.36	7.43	0.20	34.80	3.06	10.2	9.2	Clear, Small Orange Particulates	No Odor
11:20	5	130	6.20	0.54	7.44	0.21	170.00	2.56	10.6	7.5	Cloudy	No Odor
11:25	5	140	6.20	0.71	7.46	0.21	42.60	2.46	10.7	1.0	Cloudy	No Odor
11:30	5	140	6.20	0.89	7.48	0.22	24.90	2.24	10.7	-3.8	Clear	No Odor
11:35	5	140	6.20	1.07	7.50	0.22	10.20	2.17	10.7	-6.1	Clear	No Odor
11:40	5	140	6.20	1.25	7.51	0.22	4.90	2.11	10.7	-8.0	Clear	No Odor
11:45	5	140	6.20	1.43	7.53	0.22	3.31	2.06	10.7	-10.9	Clear	No Odor
11:50	5	140	6.20	1.61	7.53	0.22	1.02	2.04	10.7	-11.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12087 Stark	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-146S			Date	05-19-2022
Project Name/Location	Ford LTP			Weather	70 and sunny		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.0-11.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.15	Total Depth (ft-bmp)	9.86	Water Column (ft.)	4.71	Gallons in Well	0.77
		Pump Intake (ft-bmp)	6.65	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.01		--		Sierra Sider
Sample Time: Label	12:20	Volume Purged	0.78 gallons	Replicate/Code No.		Sampled by	
Purge Start	11:41						
Purge End	12:22						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:45	0	100	5.15	0.00	7.11	1.22	3.86	0.59	13.4	70.9	Clear	No Odor
11:50	5	100	5.15	0.13	7.08	1.36	0.02	0.34	13.4	63.2	Clear	No Odor
11:55	5	100	5.15	0.26	7.06	1.15	1.17	0.32	13.0	56.9	Clear	No Odor
12:00	5	100	5.15	0.39	7.07	1.14	0.02	0.30	13.2	51.9	Clear	No Odor
12:05	5	100	5.15	0.52	7.07	1.13	0.02	0.33	13.0	47.1	Clear	No Odor
12:10	5	100	5.15	0.65	7.07	1.12	0.02	0.38	12.8	50.9	Clear	No Odor
12:15	5	100	5.15	0.78	7.07	1.11	0.02	0.44	12.8	56.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	34367 Capitol; front yard	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-147S			Date	05-20-2022
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.01	Total Depth (ft-bmp)	6.35	Water Column (ft.)	4.34	Gallons in Well	0.71
		Pump Intake (ft-bmp)	3.51	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.69		--		Sam Sukaria
Sample Time:	Label 13:13	Volume Purged	1.2 gallons	Replicate/Code No.		Sampled by	
	Purge Start 12:34						
	Purge End 13:17						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:36	0	150	2.05	0.00	6.81	1.22	3.27	2.03	15.9	57.4	Clear, Small Orange Particulates	No Odor
12:41	5	150	2.05	0.20	6.79	1.28	0.02	5.05	12.7	11.5	Clear	No Odor
12:46	5	150	2.05	0.40	6.71	1.30	0.02	4.97	12.5	-8.5	Clear	No Odor
12:51	5	150	2.05	0.60	6.72	1.31	0.02	4.49	12.4	-18.7	Clear	No Odor
12:56	5	150	2.05	0.80	6.70	1.34	0.02	1.30	12.4	-25.1	Clear	No Odor
13:01	5	150	2.05	1.00	6.73	1.35	0.02	1.20	12.4	-30.4	Clear	No Odor
13:06	5	150	2.05	1.20	6.70	1.34	0.02	1.32	12.6	-32.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	34401 Capitol	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-148S			Date	05-10-2022
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Mostly Cloudy. The wind is blowing S at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.75	Total Depth (ft-bmp)	6.35	Water Column (ft.)	4.6	Gallons in Well	0.75
		Pump Intake (ft-bmp)	3.25	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.47		--		
Sample Time: Label	16:15	Volume Purged	2.6 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	15:21						
Purge End	16:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:23	0	200	1.84	0.00	7.04	0.98	8.56	3.00	15.2	30.1	Clear, Small Orange Particulates	No Odor
15:28	5	200	1.80	0.26	6.98	0.96	5.86	0.92	11.8	1.7	Clear, Small White Particulates	No Odor
15:33	5	200	1.80	0.52	7.00	1.00	5.98	0.69	11.8	-7.6	Clear	No Odor
15:38	5	200	1.80	0.78	7.02	1.04	4.26	0.73	12.1	-17.4	Clear	No Odor
15:43	5	200	1.80	1.04	7.03	1.13	2.61	0.75	12.4	-26.0	Clear	No Odor
15:48	5	200	1.80	1.30	7.04	1.19	2.46	0.79	12.2	-34.2	Clear	No Odor
15:53	5	200	1.80	1.56	7.05	1.22	0.63	0.73	12.3	-41.8	Clear	No Odor
15:58	5	200	1.80	1.82	7.05	1.23	1.21	0.73	12.0	-42.2	Clear	No Odor
16:03	5	200	1.80	2.08	7.05	1.24	0.94	0.70	11.6	-43.9	Clear	No Odor
16:08	5	200	1.80	2.34	7.06	1.25	1.39	0.68	11.3	-47.9	Clear	No Odor
16:13	5	200	1.80	2.60	7.06	1.25	1.23	0.69	11.5	-50.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments Filled with water in vault; Removed prior to removing J-plug which was on tight

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12088 Brewster St	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-149S			Date	05-17-2022
Project Name/Location	Ford LTP			Weather	63.0 degrees F and Mostly Clear. The wind is blowing W/NW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.15	Total Depth (ft-bmp)	6.5	Water Column (ft.)	5.35	Gallons in Well	0.87
		Pump Intake (ft-bmp)	2.65	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.79				
Sample Time: Label	14:38	Volume Purged	1.56 gallons	Replicate/Code No.	DUP-14	Sampled by	Samantha Hindle
Purge Start	14:03						
Purge End	14:46						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:04	0	200	1.23	0.00	7.06	1.59	2.00	1.76	13.4	-24.8	Clear	Faint Odor
14:09	5	200	1.23	0.26	7.05	1.64	0.02	0.58	12.6	-34.1	Clear	Faint Odor
14:14	5	200	1.23	0.52	7.06	1.63	0.02	0.42	12.3	-43.8	Clear	No Odor
14:19	5	200	1.23	0.78	7.07	1.64	0.02	0.39	12.3	-47.0	Clear	No Odor
14:24	5	200	1.23	1.04	7.08	1.66	0.02	0.34	12.2	-51.2	Clear	No Odor
14:29	5	200	1.23	1.30	7.09	1.66	0.02	0.32	12.2	-55.8	Clear	No Odor
14:34	5	200	1.23	1.56	7.09	1.67	0.02	0.29	12.2	-57.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments Vault filled with water; removed prior to removing tight J-Plug

Well Casing Volumes

Gallons/Foot					
1" = 0.04	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	34450 Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-150S			Date	05-13-2022
Project Name/Location	Ford LTP			Weather	81.0 degrees F and Mostly Clear. The wind is blowing S at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.05	Total Depth (ft-bmp)	6.73	Water Column (ft.)	3.68	Gallons in Well	0.6
		Pump Intake (ft-bmp)	4.55	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.73		--		
Sample Time:	Label 15:22	Volume Purged	2.24 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
	Purge Start 14:40						
	Purge End 15:24						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:43	0	240	3.13	0.00	6.69	0.80	0.88	4.13	12.9	23.0	Clear	No Odor
14:48	5	240	3.13	0.32	6.67	0.83	0.36	2.23	11.9	27.7	Clear	No Odor
14:53	5	240	3.13	0.64	6.68	0.86	0.28	0.29	11.7	27.6	Clear	No Odor
14:58	5	240	3.13	0.96	6.68	0.89	0.30	0.23	11.7	20.6	Clear	No Odor
15:03	5	240	3.13	1.28	6.70	0.93	0.18	0.11	11.7	14.3	Clear	No Odor
15:08	5	240	3.13	1.60	6.72	0.95	0.23	0.09	11.8	9.5	Clear	No Odor
15:13	5	240	3.13	1.92	6.74	0.97	0.02	0.07	11.8	4.9	Clear	No Odor
15:18	5	240	3.13	2.24	6.74	0.96	0.04	0.08	12.0	3.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments Vault filled with water; removed prior to removing tight J-plug

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34380 Beacon St	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-151S			Date	05-13-2022
Project Name/Location	Ford LTP			Weather	73.0 degrees F and Mostly Clear. The wind is blowing S at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.69	Total Depth (ft-bmp)	6.95	Water Column (ft.)	5.26	Gallons in Well	0.85
		Pump Intake (ft-bmp)	3.19	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.65		--		Sam Sukaria
Sample Time:	Label 11:50	Volume Purged	11,760 ml	Replicate/Code No.		Sampled by	
	Purge Start 11:01						
	Purge End 11:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:08	0	240	2.74	0.00	6.79	2.03	13.20	7.96	12.5	-76.0	Clear, Small Orange Particulates	No Odor
11:13	5	240	1.75	0.32	6.76	2.06	5.32	7.64	12.1	-84.0	Clear, Small Orange Particulates	No Odor
11:18	5	240	1.75	0.64	6.77	2.07	2.25	7.14	11.8	-88.3	Clear, Small Orange Particulates	No Odor
11:23	5	240	1.72	0.96	6.80	2.07	1.65	6.98	11.8	-91.6	Clear, Small Orange Particulates	No Odor
11:28	5	240	1.76	1.28	6.83	2.07	1.25	6.43	11.8	-93.7	Clear	No Odor
11:33	5	240	1.75	1.60	6.84	2.07	0.83	6.06	11.8	-95.2	Clear	No Odor
11:38	5	240	1.76	1.92	6.85	2.08	1.05	5.85	11.7	-95.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments Well head filled with water

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12091 Brewster St	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-152S			Date	05-04-2022
Project Name/Location	Ford LTP			Weather	57.9 degrees F and Partly Cloudy. The wind is blowing N at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.03	Total Depth (ft-bmp)	6.7	Water Column (ft.)	4.67	Gallons in Well	0.76
		Pump Intake (ft-bmp)	3.53	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.11		--		
Sample Time: Label	13:48	Volume Purged	3.12 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	12:44						
Purge End	13:52						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:46	0	200	2.13	0.00	6.73	0.11	19.60	6.66	9.9	65.3	Clear	No Odor
12:51	5	200	2.15	0.26	6.61	0.12	19.20	5.05	9.5	72.7	Clear	No Odor
12:56	5	200	2.16	0.52	6.55	0.12	20.20	4.69	9.4	79.3	Clear	No Odor
13:01	5	200	2.15	0.78	6.59	0.12	22.90	4.76	9.2	78.1	Clear	No Odor
13:06	5	200	2.15	1.04	6.70	0.14	18.80	4.90	9.2	77.8	Clear	No Odor
13:11	5	200	2.15	1.30	6.75	0.14	19.50	4.90	9.3	78.1	Clear	No Odor
13:16	5	200	2.15	1.56	6.82	0.15	16.70	4.40	9.2	78.1	Clear	No Odor
13:21	5	200	2.16	1.82	6.88	0.16	17.10	4.66	9.2	78.4	Clear	No Odor
13:26	5	200	2.16	2.08	6.94	0.18	15.30	4.11	9.3	78.5	Clear	No Odor
13:31	5	200	2.16	2.34	7.00	0.19	15.00	4.10	9.3	79.0	Small White Particulates	No Odor
13:36	5	200	2.16	2.60	7.02	0.20	14.70	3.96	9.2	78.4	Clear	No Odor
13:41	5	200	2.16	2.86	7.06	0.21	12.60	3.86	9.2	79.7	Clear	No Odor
13:46	5	200	2.16	3.12	7.07	0.23	12.50	4.00	9.2	81.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34550 Beacon	Well Locked at Arrival:	yes
Condition of Well:	Fair,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-153S			Date	05-02-2022
Project Name/Location	Ford LTP			Weather	53.1 degrees F and Cloudy. The wind is blowing W at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.2	Total Depth (ft-bmp)	6	Water Column (ft.)	3.8	Gallons in Well	0.62
		Pump Intake (ft-bmp)	3.7	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.52		--		
Sample Time: Label	10:52	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	10:14						
Purge End	10:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:16	0	200	1.31	0.00	7.10	0.55	6.14	1.62	9.3	116.7	Clear	No Odor
10:21	5	200	1.25	0.26	7.10	0.61	5.85	1.60	9.1	127.3	Clear	No Odor
10:26	5	200	1.25	0.52	7.13	0.62	5.00	1.68	9.1	129.3	Clear	No Odor
10:31	5	200	1.26	0.78	7.17	0.62	2.12	1.81	9.1	129.4	Clear	No Odor
10:36	5	200	1.26	1.04	7.18	0.62	2.76	1.82	9.1	128.9	Clear	No Odor
10:41	5	200	1.26	1.30	7.20	0.62	1.57	1.86	9.1	127.9	Clear	No Odor
10:46	5	200	1.27	1.56	7.21	0.62	2.68	1.85	9.1	127.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	34644 Beacon; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-154S			Date	05-02-2022
Project Name/Location	Ford LTP			Weather	52.0 degrees F and Cloudy. The wind is blowing W/SW at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.12	Total Depth (ft-bmp)	7.02	Water Column (ft.)	3.9	Gallons in Well	0.63
		Pump Intake (ft-bmp)	4.62	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.71		--		
Sample Time: Label	12:20	Volume Purged	2.34 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	11:26						
Purge End	12:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:28	0	200	3.15	0.00	7.78	0.29	1.86	11.14	8.6	142.2	Clear	No Odor
11:33	5	200	3.18	0.26	7.74	0.29	1.62	8.91	8.3	144.3	Clear	No Odor
11:38	5	200	3.18	0.52	7.73	0.34	1.90	4.40	8.2	143.2	Clear	No Odor
11:43	5	200	3.18	0.78	7.65	0.39	1.36	3.21	8.2	143.6	Clear	No Odor
11:48	5	200	3.20	1.04	7.55	0.45	0.94	2.54	8.2	149.3	Clear	No Odor
11:53	5	200	3.20	1.30	7.50	0.47	0.73	2.52	8.2	147.9	Clear	No Odor
11:58	5	200	3.20	1.56	7.51	0.48	1.01	2.48	8.2	147.3	Clear	No Odor
12:03	5	200	3.20	1.82	7.51	0.50	1.27	2.58	8.2	147.1	Clear	No Odor
12:08	5	200	3.20	2.08	7.52	0.51	0.34	2.50	8.2	146.0	Clear	No Odor
12:13	5	200	3.20	2.34	7.51	0.52	0.02	2.46	8.2	144.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34682 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-155S			Date	05-09-2022
Project Name/Location	Ford LTP			Weather	69.1 degrees F and Mostly Clear. The wind is blowing SE at 16.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.34	Total Depth (ft-bmp)	6.47	Water Column (ft.)	4.13	Gallons in Well	0.67
		Pump Intake (ft-bmp)	3.84	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.04		DUP-10		
Sample Time: Label	15:31	Volume Purged	2.04 gallons	Replicate/Code No.		Sampled by	Gary Schafer
Purge Start	14:28						
Purge End	15:51						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:30	0	125	2.34	0.00	6.76	0.96	36.90	3.82	10.7	1.6	Cloudy	No Odor
14:35	5	125	2.34	0.17	6.89	0.95	26.50	0.76	10.9	-14.9	Cloudy	No Odor
14:40	5	125	2.34	0.34	6.94	0.96	23.50	0.49	10.7	-23.8	Clear, Small White Particulates	No Odor
14:45	5	125	2.34	0.51	6.97	0.96	13.40	0.40	10.8	-29.0	Clear, Small White Particulates	No Odor
14:50	5	125	2.34	0.68	7.01	0.96	11.90	0.38	10.6	-33.8	Clear	No Odor
14:55	5	125	2.34	0.85	7.00	0.96	9.38	0.26	10.6	-35.2	Clear	No Odor
15:00	5	125	2.34	1.02	7.01	0.96	9.23	0.25	10.6	-37.4	Clear	No Odor
15:05	5	125	2.34	1.19	7.03	0.96	6.93	0.23	10.6	-40.0	Clear	No Odor
15:10	5	125	2.34	1.36	7.04	0.96	5.76	0.22	10.5	-41.4	Clear	No Odor
15:15	5	125	2.34	1.53	7.04	0.95	5.25	0.23	10.5	-42.5	Clear	No Odor
15:20	5	125	2.34	1.70	7.04	0.95	4.57	0.22	10.5	-43.4	Clear	No Odor
15:25	5	125	2.34	1.87	7.05	0.95	4.35	0.21	10.5	-45.1	Clear	No Odor
15:30	5	125	2.34	2.04	7.06	0.95	3.41	0.21	10.5	-46.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments 4 inches of water in vault, bailed out before opening j-plug. J-plug was tight in well

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12066 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-156S			Date	05-09-2022
Project Name/Location	Ford LTP			Weather	61.0 degrees F and Mostly Clear. The wind is blowing S/SE at 16.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-8.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.33	Total Depth (ft-bmp)	7.62	Water Column (ft.)	4.29	Gallons in Well	0.7
		Pump Intake (ft-bmp)	4.83	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.91		--		Gary Schafer
Sample Time:	Label 12:36	Volume Purged	2.04 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:33						
	Purge End 12:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:35	0	125	3.38	0.00	6.85	0.35	97.70	6.54	11.2	118.5	Cloudy, Small Brown Particulates	No Odor
11:40	5	125	3.40	0.17	6.92	0.36	44.20	5.70	11.0	105.8	Turbid	No Odor
11:45	5	125	3.40	0.34	6.98	0.37	28.80	5.45	11.0	97.1	Turbid	No Odor
11:50	5	125	3.40	0.51	7.03	0.37	23.20	5.16	10.9	88.7	Turbid	No Odor
11:55	5	125	3.41	0.68	7.08	0.37	18.60	5.21	11.0	81.6	Clear	No Odor
12:00	5	125	3.41	0.85	7.09	0.37	16.10	4.44	10.9	73.8	Clear	No Odor
12:05	5	125	3.41	1.02	7.09	0.38	15.10	4.35	11.0	66.7	Clear	No Odor
12:10	5	125	3.41	1.19	7.13	0.38	12.60	4.03	11.1	60.9	Clear	No Odor
12:15	5	125	3.41	1.36	7.17	0.38	11.80	3.99	10.9	57.4	Clear	No Odor
12:20	5	125	3.41	1.53	7.15	0.39	9.80	3.89	10.9	53.4	Clear	No Odor
12:25	5	125	3.41	1.70	7.15	0.39	9.47	3.89	11.0	49.0	Clear	No Odor
12:30	5	125	3.41	1.87	7.16	0.39	7.95	3.68	11.0	46.0	Clear	No Odor
12:35	5	125	3.41	2.04	7.15	0.40	7.09	3.61	10.9	42.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments Bailed out 4 inches of water, in vault before opening j-plug. J-Plug on tight.

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12100 Boston Post, backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-157S			Date	05-17-2022
Project Name/Location	Ford LTP			Weather	53 degrees F and cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.35	Total Depth (ft-bmp)	7.2	Water Column (ft.)	2.85	Gallons in Well	0.46
		Pump Intake (ft-bmp)	5.85	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.13		--		
Sample Time: Label	09:55	Volume Purged	1.44 gallons	Replicate/Code No.		Sampled by	Christian Garrido
Purge Start	09:06						
Purge End	10:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:10	0	120	4.35	0.00	7.05	0.11	0.02	6.00	10.5	346.9	Clear	No Odor
09:15	5	120	4.40	0.16	7.11	0.11	0.02	5.76	10.5	344.5	Clear	No Odor
09:20	5	120	4.40	0.32	7.27	0.11	0.02	5.17	10.5	337.0	Clear	No Odor
09:25	5	120	4.40	0.48	7.42	0.12	0.02	4.71	10.5	328.7	Clear	No Odor
09:30	5	120	4.40	0.64	7.48	0.13	0.02	4.49	10.4	324.8	Clear	No Odor
09:35	5	120	4.50	0.80	7.52	0.14	0.02	4.05	10.4	322.1	Clear	No Odor
09:40	5	120	4.50	0.96	7.56	0.15	0.02	3.76	10.4	319.8	Clear	No Odor
09:45	5	120	4.50	1.12	7.59	0.15	0.02	3.63	10.4	316.3	Clear	No Odor
09:50	5	120	4.50	1.28	7.62	0.15	0.02	3.50	10.4	314.0	Clear	No Odor
09:55	5	120	4.50	1.44	7.62	0.15	0.02	3.47	10.4	311.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	12067 Boston Post; side yard	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-158S			Date	05-09-2022
Project Name/Location		Ford LTP		Weather	66.9 degrees F and Mostly Clear.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.11	Total Depth (ft-bmp)	7.34	Water Column (ft.)	3.23	Gallons in Well	0.52
		Pump Intake (ft-bmp)	5.61	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3		--		
Sample Time: Label	14:30	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	13:52						
Purge End	14:34						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:54	0	200	4.15	0.00	6.36	0.08	3.19	10.00	12.2	32.1	Clear	No Odor
13:59	5	200	4.15	0.26	6.31	0.08	4.09	7.49	11.8	43.2	Clear	No Odor
14:04	5	200	4.15	0.52	6.25	0.08	3.28	7.84	11.8	55.6	Clear	No Odor
14:09	5	200	4.15	0.78	6.25	0.08	3.05	8.25	11.8	61.3	Clear	No Odor
14:14	5	200	4.15	1.04	6.25	0.08	3.58	7.96	11.7	65.2	Clear	No Odor
14:19	5	200	4.15	1.30	6.26	0.08	3.64	8.11	11.7	69.9	Clear	No Odor
14:24	5	200	4.15	1.56	6.27	0.08	4.17	8.33	11.7	73.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34950 Beacon st	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-159S			Date	05-17-2022
Project Name/Location	Ford LTP			Weather	55.0 degrees F and Clear. The wind is blowing N/NW at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.0-9.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.52	Total Depth (ft-bmp)	8.5	Water Column (ft.)	2.98	Gallons in Well	0.48
		Pump Intake (ft-bmp)	7.02	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.94		--		
Sample Time: Label	11:08	Volume Purged	1.89 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	10:16						
Purge End	11:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:18	0	160	5.58	0.00	7.48	0.30	1.19	2.92	11.0	92.2	Clear, Small White Particulates	No Odor
10:23	5	160	5.58	0.21	7.46	0.30	1.32	3.00	10.8	93.9	Clear	No Odor
10:28	5	160	5.58	0.42	7.49	0.30	1.41	1.92	10.7	94.4	Clear	No Odor
10:33	5	160	5.60	0.63	7.53	3.00	0.34	1.67	10.6	91.0	Clear	No Odor
10:38	5	160	5.60	0.84	7.58	0.30	0.09	1.58	10.5	88.6	Clear	No Odor
10:43	5	160	5.60	1.05	7.61	0.31	0.08	1.19	10.5	87.7	Clear	No Odor
10:48	5	160	5.60	1.26	7.63	0.31	0.66	1.44	10.5	87.0	Clear	No Odor
10:53	5	160	5.60	1.47	7.64	0.31	0.54	1.24	10.5	86.8	Clear	No Odor
10:58	5	160	5.60	1.68	7.66	0.31	0.27	1.19	10.5	85.4	Clear	No Odor
11:03	5	160	5.60	1.89	7.68	0.32	0.31	1.26	10.6	84.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34920 Beacon St	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-160S			Date	05-10-2022
Project Name/Location	Ford LTP			Weather	64.9 degrees F and Cloudy. The wind is blowing S at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.0-9.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.07	Total Depth (ft-bmp)	8.3	Water Column (ft.)	4.23	Gallons in Well	0.69
		Pump Intake (ft-bmp)	5.57	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.22		--		
Sample Time: Label	11:46	Volume Purged	1.53 gallons	Replicate/Code No.		Sampled by	Gary Schafer
Purge Start	10:57						
Purge End	11:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:00	0	125	4.11	0.00	6.70	0.35	35.90	7.22	10.3	174.0	Turbid	No Odor
11:05	5	125	4.11	0.17	6.80	0.36	16.60	6.45	10.2	165.6	Clear	No Odor
11:10	5	125	4.11	0.34	6.89	0.36	14.70	6.26	10.3	157.6	Clear	No Odor
11:15	5	125	4.11	0.51	6.96	0.37	11.20	6.20	10.3	151.7	Clear	No Odor
11:20	5	125	4.11	0.68	6.99	0.37	9.19	6.06	10.2	148.8	Clear	No Odor
11:25	5	125	4.11	0.85	7.02	0.37	7.80	6.02	10.2	146.0	Clear	No Odor
11:30	5	125	4.11	1.02	7.07	0.37	7.10	5.70	10.5	141.6	Clear	No Odor
11:35	5	125	4.11	1.19	7.10	0.37	6.34	5.72	10.4	140.1	Clear	No Odor
11:40	5	125	4.11	1.36	7.09	0.37	6.29	5.44	10.4	139.9	Clear	No Odor
11:45	5	125	4.11	1.53	7.11	0.37	6.00	5.34	10.5	138.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

4 inches of water in vault and cresol covering j-plug, bailed out water and Scoop out cresol before opening j- plug. J-plug tight

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12141 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-161S			Date	05-18-2022
Project Name/Location	Ford LTP			Weather	54.0 degrees F and Light Rain. The wind is blowing NE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.81	Total Depth (ft-bmp)	7.25	Water Column (ft.)	3.44	Gallons in Well	0.56
		Pump Intake (ft-bmp)	5.31	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3		--		Lottie Jay
Sample Time:	Label 10:35	Volume Purged	1.68 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:44						
	Purge End 10:37						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:50	0	160	3.87	0.00	7.27	0.44	17.60	4.74	11.1	118.1	Small Orange Particulates	No Odor
09:55	5	160	3.87	0.21	7.32	0.43	6.71	2.33	10.9	56.1	Small Orange Particulates	No Odor
10:00	5	160	3.87	0.00	7.37	0.43	2.52	1.74	10.8	4.3	Small Orange Particulates, Small White Particulates	No Odor
10:05	5	160	3.87	0.63	7.39	0.43	2.02	1.57	10.8	-18.4	Small Orange Particulates, Small White Particulates	No Odor
10:10	5	160	3.87	0.84	7.41	0.44	0.69	1.44	10.8	-35.8	Small Orange Particulates, Small White Particulates	No Odor
10:15	5	160	3.87	1.05	7.41	0.44	0.02	1.35	10.8	-44.5	Clear, Small White Particulates	No Odor
10:20	5	160	3.87	1.26	7.42	0.44	0.12	1.25	10.8	-51.8	Clear	No Odor
10:25	5	160	3.87	1.47	7.42	0.43	0.15	1.20	10.8	-56.0	Clear	No Odor
10:30	5	160	3.87	1.68	7.42	0.44	0.31	1.17	10.8	-58.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34851 Beacon; Side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-162S			Date	05-18-2022
Project Name/Location		Ford LTP		Weather	54.0 degrees F and Light Rain. The wind is blowing E at 9.2 mph.		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	3.0-8.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		4.95	Total Depth (ft-bmp)	7.7	Water Column (ft.)	2.75	Gallons in Well	0.45
			Pump Intake (ft-bmp)	6.45	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	5.6		--		
Sample Time:	Label	12:15	Volume Purged	2.52 gallons	Replicate/Code No.		Sampled by	Lottie Jay
	Purge Start	11:11						
	Purge End	12:19						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:15	0	160	4.95	0.00	7.02	0.23	157.00	9.72	11.0	36.6	Cloudy, Yellow	No Odor
11:20	5	160	4.95	0.21	6.98	0.22	156.00	8.46	10.7	34.7	Cloudy, Yellow	No Odor
11:25	5	160	4.95	0.42	6.96	0.21	113.00	7.66	10.7	35.4	Cloudy, Yellow	No Odor
11:30	5	160	4.95	0.63	6.95	0.21	83.10	7.35	10.7	37.8	Cloudy	No Odor
11:35	5	160	4.95	0.84	6.94	0.21	67.80	7.69	10.7	41.6	Cloudy	No Odor
11:40	5	160	4.95	1.05	6.93	0.20	63.10	7.61	10.6	44.5	Cloudy	No Odor
11:45	5	160	4.95	1.26	6.92	0.20	49.90	7.82	10.6	48.5	Cloudy	No Odor
11:50	5	160	4.95	1.47	6.93	0.19	36.00	7.27	10.6	52.7	Cloudy	No Odor
11:55	5	160	4.95	1.68	6.95	0.19	25.20	7.17	10.5	55.4	Cloudy	No Odor
12:00	5	160	4.95	1.89	6.97	0.20	16.50	7.46	10.5	59.8	Clear	No Odor
12:05	5	160	4.95	2.10	6.99	0.20	12.50	7.32	10.5	61.5	Clear	No Odor
12:10	5	160	4.95	2.31	7.01	0.21	8.90	7.16	10.5	65.2	Clear	No Odor
12:15	5	160	4.95	2.52	7.03	0.22	8.60	7.23	10.5	67.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12017 Brewster; side yard	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-163S			Date	05-11-2022
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Cloudy. The wind is blowing E/SE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.2	Total Depth (ft-bmp)	6.73	Water Column (ft.)	3.53	Gallons in Well	0.57
		Pump Intake (ft-bmp)	4.7	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.05		--		
Sample Time: Label	15:30	Volume Purged	1.74 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	14:53						
Purge End	15:34						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:54	0	220	3.18	0.00	7.40	0.64	7.60	2.65	12.0	38.9	Clear	No Odor
14:59	5	220	3.30	0.29	7.36	0.58	6.89	1.12	11.2	30.1	Clear	No Odor
15:04	5	220	3.30	0.58	7.32	0.52	3.79	1.09	11.1	24.7	Clear	No Odor
15:09	5	220	3.30	0.87	7.34	0.50	1.52	1.05	10.9	19.7	Clear	No Odor
15:14	5	220	3.30	1.16	7.34	0.50	1.64	1.02	10.9	14.3	Clear	No Odor
15:19	5	220	3.30	1.45	7.35	0.50	1.50	1.00	11.0	12.0	Clear	Faint Odor
15:24	5	220	3.30	1.74	7.36	0.49	1.10	1.02	10.9	7.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	34591 Beacon st	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-164S			Date	05-05-2022
Project Name/Location		Ford LTP		Weather	60.1 degrees F and Cloudy. The wind is blowing S at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-8.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.52	Total Depth (ft-bmp)	7.5	Water Column (ft.)	3.98	Gallons in Well	0.65
		Pump Intake (ft-bmp)	5.02	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.8		--		
Sample Time: Label	10:52	Volume Purged	3.12 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	09:49						
Purge End	10:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:50	0	200	3.55	0.00	6.57	0.10	1.71	11.00	9.4	126.3	Clear	No Odor
09:55	5	200	3.65	0.26	6.11	0.10	2.26	9.38	8.8	121.7	Clear	No Odor
10:00	5	200	3.65	0.52	6.47	0.18	1.74	8.03	8.8	133.5	Clear	No Odor
10:05	5	200	3.65	0.78	6.74	0.20	1.37	7.55	8.7	129.0	Clear	No Odor
10:10	5	200	3.65	1.04	6.86	0.22	0.82	7.31	8.7	126.9	Clear	No Odor
10:15	5	200	3.65	1.30	6.95	0.24	0.80	7.02	8.7	125.3	Clear	No Odor
10:20	5	200	3.65	1.56	7.05	0.26	0.22	6.78	8.7	123.9	Clear	No Odor
10:25	5	200	3.65	1.82	7.12	0.27	0.47	6.52	8.7	123.1	Clear	No Odor
10:30	5	200	3.65	2.08	7.15	0.28	1.09	6.25	8.7	122.2	Clear	No Odor
10:35	5	200	3.65	2.34	7.19	0.28	0.31	6.01	8.8	121.9	Clear	No Odor
10:40	5	200	3.65	2.60	7.21	0.29	0.92	5.87	8.9	121.6	Clear	No Odor
10:45	5	200	3.65	2.86	7.23	0.30	0.27	5.78	8.9	121.9	Clear	No Odor
10:50	5	200	3.65	3.12	7.23	0.30	0.12	5.68	8.9	122.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments Water in vault removed before sampling, J-plug tight

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34637 Beacon	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-165S			Date	05-04-2022
Project Name/Location	Ford LTP			Weather	60.1 degrees F and Partly Cloudy. The wind is blowing N at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.45	Total Depth (ft-bmp)	6.28	Water Column (ft.)	3.83	Gallons in Well	0.62
		Pump Intake (ft-bmp)	3.95	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.52		--		
Sample Time:	Label 15:28	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
	Purge Start 14:53						
	Purge End 15:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:54	0	200	2.60	0.00	7.33	0.79	4.32	1.47	10.1	118.1	Clear	No Odor
14:59	5	200	2.60	0.26	7.32	0.78	2.86	0.96	10.0	116.6	Clear	No Odor
15:04	5	200	2.60	0.52	7.31	0.78	2.42	1.04	9.8	115.0	Clear	No Odor
15:09	5	200	2.60	0.78	7.32	0.79	2.64	1.19	9.6	113.9	Clear	No Odor
15:14	5	200	2.55	1.04	7.33	0.78	1.79	1.12	9.5	111.1	Clear	No Odor
15:19	5	200	2.55	1.30	7.34	0.77	1.68	1.11	9.6	109.1	Clear	No Odor
15:24	5	200	2.55	1.56	7.34	0.77	0.90	1.05	9.5	107.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Beacon 34669 ; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-166S			Date	05-19-2022
Project Name/Location		Ford LTP		Weather	64 degrees F and Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.0-11.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.4	Total Depth (ft-bmp)	10.58	Water Column (ft.)	4.18	Gallons in Well	0.68
		Pump Intake (ft-bmp)	7.9	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3		--		Gary Schafer
Sample Time:	Label 11:11	Volume Purged	2.04 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:08						
	Purge End 11:22						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:10	0	125	6.42	0.00	6.83	1.13	20.30	6.07	11.2	160.9	Clear	No Odor
10:15	5	125	6.42	0.17	7.00	1.11	14.80	3.68	11.0	99.9	Clear	No Odor
10:20	5	125	6.42	0.34	7.07	1.13	14.60	2.78	10.8	34.4	Clear	No Odor
10:25	5	125	6.42	0.51	7.16	1.22	11.50	2.17	10.8	15.8	Clear	No Odor
10:30	5	125	6.42	0.68	7.20	1.34	9.88	1.85	10.9	-1.8	Clear	No Odor
10:35	5	125	6.42	0.85	7.21	1.45	10.00	1.65	10.8	-21.5	Clear	No Odor
10:40	5	125	6.42	1.02	7.22	1.53	9.30	1.55	10.8	-38.0	Clear	No Odor
10:45	5	125	6.42	1.19	7.23	1.57	9.67	1.40	10.8	-43.2	Clear	No Odor
10:50	5	125	6.42	1.36	7.25	1.59	8.64	1.37	10.8	-46.6	Clear	No Odor
10:55	5	125	6.42	1.53	7.25	1.60	8.72	1.23	10.9	-51.6	Clear	No Odor
11:00	5	125	6.42	1.70	7.26	1.68	7.26	1.22	10.9	-50.8	Clear	No Odor
11:05	5	125	6.42	1.87	7.28	1.67	5.62	1.23	10.9	-50.2	Clear	No Odor
11:10	5	125	6.42	2.04	7.27	1.68	5.15	1.21	11.0	-49.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	12147 Stark, front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-167S			Date	05-18-2022
Project Name/Location		Ford LTP		Weather	50 degrees F and raining		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.0-10.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.4	Total Depth (ft-bmp)	9.35	Water Column (ft.)	3.95	Gallons in Well	0.64
		Pump Intake (ft-bmp)	6.9	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.52		--		
Sample Time:	Label 14:40	Volume Purged	1.61 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 13:28						
	Purge End 14:42						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:30	0	120	5.40	0.00	7.58	0.53	18.70	5.32	10.8	45.9	Clear	No Odor
13:35	5	120	5.40	0.16	7.58	0.53	27.80	5.22	10.8	46.5	Clear, Small Orange Particulates	No Odor
13:40	5	120	5.50	0.32	7.57	0.53	18.80	5.06	10.8	46.7	Clear	No Odor
13:45	5	130	5.50	0.48	7.57	0.53	8.41	4.98	10.8	46.4	Clear	No Odor
13:50	5	120	5.50	0.65	7.56	0.54	0.02	4.65	10.6	54.5	Clear	No Odor
13:55	5	120	5.50	0.81	7.56	0.55	0.02	4.49	10.6	56.3	Clear	No Odor
14:00	5	120	5.50	0.97	7.56	0.56	0.02	4.17	10.6	61.7	Clear	No Odor
14:05	5	120	5.50	1.13	7.56	0.56	0.02	4.01	10.6	84.5	Clear	No Odor
14:10	5	120	5.50	1.29	7.55	0.57	0.02	3.49	10.6	70.9	Clear	No Odor
14:15	5	120	5.50	1.45	7.55	0.57	0.02	3.48	10.6	70.5	Clear	No Odor
14:20	5	120	5.50	1.61	7.55	0.57	0.02	3.44	10.6	70.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12001 Stark; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-168S			Date	05-20-2022
Project Name/Location	Ford LTP			Weather	75.9 degrees F and Mostly Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.73	Total Depth (ft-bmp)	6.79	Water Column (ft.)	4.06	Gallons in Well	0.66
		Pump Intake (ft-bmp)	4.23	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.18		--		Lottie Jay
Sample Time: Label	12:10	Volume Purged	1.44 gallons	Replicate/Code No.		Sampled by	
Purge Start	11:37						
Purge End	12:13						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:40	0	180	2.75	0.00	7.33	0.90	4.25	3.46	12.6	47.2	Clear	No Odor
11:45	5	180	2.75	0.24	7.33	0.99	4.14	2.26	12.2	29.0	Clear	No Odor
11:50	5	180	2.75	0.48	7.33	1.10	2.76	1.78	12.2	25.5	Clear	No Odor
11:55	5	180	2.76	0.72	7.33	1.17	2.20	1.70	12.2	22.1	Clear	No Odor
12:00	5	180	2.76	0.96	7.33	1.20	1.74	1.81	12.1	16.0	Clear	No Odor
12:05	5	180	2.77	1.20	7.33	1.22	0.36	1.64	12.3	11.3	Clear	No Odor
12:10	5	180	2.77	1.44	7.33	1.23	0.02	1.68	12.0	8.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	34480 Capitol St; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-169S			Date	05-10-2022
Project Name/Location	Ford LTP			Weather	72F cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.15	Total Depth (ft-bmp)	6.5	Water Column (ft.)	4.35	Gallons in Well	0.71
		Pump Intake (ft-bmp)	3.65	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.03		--		
Sample Time: Label	11:20	Volume Purged	2.86 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	10:20						
Purge End	11:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:22	0	200	2.15	0.00	7.19	0.80	2.86	1.95	11.3	97.4	Clear, Small Orange Particulates	No Odor
10:27	5	200	2.15	0.26	7.12	0.89	2.74	1.96	10.9	108.7	Clear	No Odor
10:32	5	200	2.15	0.52	7.10	1.02	0.46	1.72	10.8	113.0	Clear	No Odor
10:37	5	200	2.15	0.78	7.12	1.08	0.50	1.51	10.7	98.8	Clear	No Odor
10:42	5	200	2.15	1.04	7.13	1.10	0.67	1.47	10.6	80.3	Clear	No Odor
10:47	5	200	2.15	1.30	7.14	1.15	0.10	1.35	10.7	56.5	Clear	No Odor
10:52	5	200	2.15	1.56	7.14	1.16	0.02	1.32	10.7	47.0	Clear	No Odor
10:57	5	200	2.15	1.82	7.15	1.16	0.69	1.24	10.9	32.7	Clear	No Odor
11:02	5	200	2.15	2.08	7.15	1.18	0.02	1.19	10.7	25.6	Clear	No Odor
11:07	5	200	2.15	2.34	7.16	1.19	0.02	1.19	10.8	18.5	Clear	No Odor
11:12	5	200	2.15	2.60	7.16	1.19	0.02	1.18	10.8	14.2	Clear	No Odor
11:17	5	200	2.15	2.86	7.16	1.19	0.02	1.17	10.7	8.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34450 Capitol st	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-170S			Date	05-09-2022
Project Name/Location		Ford LTP		Weather	69F		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.32	Total Depth (ft-bmp)	9.53	Water Column (ft.)	4.21	Gallons in Well	0.68
		Pump Intake (ft-bmp)	6.82	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.59		--		
Sample Time: Label	11:27	Volume Purged	3.12 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	10:25						
Purge End	11:32						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:26	0	200	5.35	0.00	6.53	0.23	3.46	7.18	10.7	116.1	Clear, Small Orange Particulates	No Odor
10:31	5	200	5.35	0.26	6.49	0.22	8.90	6.60	10.5	113.6	Clear, Small Orange Particulates	No Odor
10:36	5	200	5.35	0.52	6.55	0.23	1.87	6.14	10.3	109.3	Clear, Small Orange Particulates	No Odor
10:41	5	200	5.35	0.78	6.71	0.28	2.08	5.88	10.4	96.9	Clear	No Odor
10:46	5	200	5.35	1.04	6.89	0.70	0.82	5.86	10.3	65.5	Clear	No Odor
10:51	5	200	5.35	1.30	6.99	0.83	0.49	4.87	10.3	52.6	Clear	No Odor
10:56	5	200	5.35	1.56	7.11	0.95	0.02	4.06	10.3	37.0	Clear	No Odor
11:01	5	200	5.35	1.82	7.15	1.02	0.44	3.84	10.2	28.5	Clear	No Odor
11:06	5	200	5.35	2.08	7.19	1.08	0.02	3.71	10.3	15.3	Clear	No Odor
11:11	5	200	5.35	2.34	7.21	1.11	0.02	3.59	10.4	10.9	Clear	No Odor
11:16	5	200	5.35	2.60	7.23	1.18	0.02	3.05	10.2	6.9	Clear	No Odor
11:21	5	200	5.35	2.86	7.26	1.23	0.02	2.84	10.2	1.8	Clear	No Odor
11:26	5	200	5.35	3.12	7.27	1.26	0.02	2.72	10.3	-1.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34991 Beacon st	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-171S			Date	05-17-2022
Project Name/Location	Ford LTP			Weather	58 degrees F and Partly Cloudy. The wind is blowing N/NW at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.54	Total Depth (ft-bmp)	6.44	Water Column (ft.)	3.9	Gallons in Well	0.63
		Pump Intake (ft-bmp)	4.04	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.95		--		
Sample Time: Label	16:20	Volume Purged	3.12 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	15:17						
Purge End	16:22						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:18	0	200	2.61	0.00	6.89	0.23	21.40	4.93	11.9	-68.2	Clear, Yellow	No Odor
15:23	5	200	2.60	0.26	6.87	0.27	16.00	4.65	11.5	-23.0	Clear	No Odor
15:28	5	200	2.60	0.52	6.87	0.36	14.50	3.93	11.4	-6.1	Clear	No Odor
15:33	5	200	2.60	0.78	6.89	0.56	12.10	3.01	11.4	17.1	Clear	No Odor
15:38	5	200	2.60	1.04	6.94	0.83	8.56	2.15	11.3	28.0	Clear	No Odor
15:43	5	200	2.60	1.30	6.99	0.95	6.09	1.77	11.2	29.1	Clear	No Odor
15:48	5	200	2.60	1.56	7.04	1.04	4.98	1.52	11.3	26.8	Clear	No Odor
15:53	5	200	2.60	1.82	7.07	1.10	5.52	1.31	11.2	23.4	Clear	No Odor
15:58	5	200	2.60	2.08	7.08	1.14	4.27	1.20	11.2	20.5	Clear	No Odor
16:03	5	200	2.60	2.34	7.09	1.17	5.07	1.15	11.1	17.0	Clear	No Odor
16:08	5	200	2.60	2.60	7.11	1.20	6.42	1.07	11.3	12.5	Clear	No Odor
16:13	5	200	2.60	2.86	7.11	1.23	7.17	1.01	11.3	10.4	Clear	No Odor
16:18	5	200	2.60	3.12	7.11	1.24	6.30	1.00	11.2	9.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12101 Brewster St	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-172S			Date	05-11-2022
Project Name/Location	Ford LTP			Weather	66.0 degrees F and Cloudy. The wind is blowing S/SE at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.25	Total Depth (ft-bmp)	8.92	Water Column (ft.)	3.67	Gallons in Well	0.6
		Pump Intake (ft-bmp)	6.75	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.98		--		Gary Schafer
Sample Time:	Label 10:21	Volume Purged	1.19 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:43						
	Purge End 10:28						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:45	0	125	5.26	0.00	6.96	0.34	27.30	6.26	10.9	50.1	Clear	No Odor
09:50	5	125	5.28	0.17	7.02	0.33	17.70	4.78	10.6	25.4	Clear	No Odor
09:55	5	125	5.26	0.34	7.13	0.33	11.80	4.23	10.7	10.3	Clear	No Odor
10:00	5	125	5.26	0.51	7.19	0.34	7.34	4.28	10.4	1.8	Clear	No Odor
10:05	5	125	5.26	0.68	7.27	0.34	6.54	4.14	10.6	1.1	Clear	No Odor
10:10	5	125	5.26	0.85	7.35	0.34	2.87	3.96	10.6	-4.7	Clear	No Odor
10:15	5	125	5.26	1.02	7.40	0.34	2.13	3.95	10.7	-7.5	Clear	No Odor
10:20	5	125	5.26	1.19	7.43	0.34	1.12	3.80	10.7	-8.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments 4 inches of water in vault, bailed water out before opening j-plug. J-plug on tight

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	11701 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-173S			Date	05-18-2022
Project Name/Location	Ford LTP			Weather	53 degrees F and raining		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.1	Total Depth (ft-bmp)	10.1	Water Column (ft.)	4	Gallons in Well	0.65
		Pump Intake (ft-bmp)	7.6	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.68		--		
Sample Time:	Label 12:15	Volume Purged	1.74 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 11:27						
	Purge End 12:21						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:30	0	130	6.10	0.00	7.81	0.39	28.80	2.91	10.4	163.0	Clear	No Odor
11:35	5	130	6.10	0.17	7.79	0.39	10.20	2.78	10.3	160.1	Clear	No Odor
11:40	5	150	6.20	0.34	7.78	0.39	31.30	2.54	10.3	158.0	Clear	No Odor
11:45	5	150	6.20	0.54	7.83	0.39	9.12	2.10	10.2	147.7	Clear	No Odor
11:50	5	150	6.20	0.74	7.84	0.39	4.82	2.04	10.2	115.4	Clear	No Odor
11:55	5	150	6.30	0.94	7.79	0.40	3.93	2.06	10.2	58.7	Clear	No Odor
12:00	5	150	6.30	1.14	7.76	0.40	0.02	2.01	10.2	8.0	Clear	No Odor
12:05	5	150	6.30	1.34	7.76	0.42	0.02	2.02	10.2	-25.1	Clear	No Odor
12:10	5	150	6.20	1.54	7.75	0.42	0.02	2.00	10.2	-28.5	Clear	No Odor
12:15	5	150	6.20	1.74	7.75	0.43	0.02	2.02	10.1	-32.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	11721 Boston Post; back yard	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-174S			Date	05-18-2022
Project Name/Location		Ford LTP		Weather	50 degrees sand raining		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.3	Total Depth (ft-bmp)	10.2	Water Column (ft.)	2.9	Gallons in Well	0.47
		Pump Intake (ft-bmp)	8.8	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.21		--		
Sample Time:	Label 10:00	Volume Purged	1.98 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 08:53						
	Purge End 10:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:00	0	120	7.30	0.00	6.89	0.47	0.02	1.61	9.5	226.1	Clear	No Odor
09:05	5	120	7.30	0.16	6.84	0.43	0.02	1.11	9.5	206.4	Clear	No Odor
09:10	5	120	7.45	0.32	6.92	0.45	0.02	0.94	9.5	129.1	Clear	No Odor
09:15	5	120	7.45	0.48	7.07	0.48	0.02	1.39	9.5	75.8	Clear	No Odor
09:20	5	130	7.50	0.64	7.15	0.50	0.02	1.57	9.5	49.1	Clear	No Odor
09:25	5	130	7.50	0.81	7.15	0.50	0.02	1.55	9.5	39.6	Clear	No Odor
09:30	5	120	7.50	0.98	7.22	0.51	0.02	1.34	9.5	28.4	Clear	No Odor
09:35	5	120	7.60	1.14	7.25	0.51	0.02	1.20	9.4	18.7	Clear	No Odor
09:40	5	130	7.60	1.30	7.28	0.52	0.02	1.12	9.4	15.1	Clear	No Odor
09:45	5	130	7.60	1.47	7.30	0.52	0.02	1.05	9.4	11.1	Clear	No Odor
09:50	5	130	7.50	1.64	7.31	0.52	0.02	1.00	9.4	8.2	Clear	No Odor
09:55	5	130	7.50	1.81	7.33	0.53	0.02	0.94	9.4	5.0	Clear	No Odor
10:00	5	130	7.50	1.98	7.34	0.53	0.02	0.94	9.4	3.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	11865 Boston Post; side yard	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-176S			Date	05-11-2022
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Cloudy. The wind is blowing E/SE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.0-10.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.95	Total Depth (ft-bmp)	9.29	Water Column (ft.)	2.34	Gallons in Well	0.38
		Pump Intake (ft-bmp)	8.45	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.68		--		Gary Schafer
Sample Time:	Label 14:16	Volume Purged	1.02 gallons	Replicate/Code No.		Sampled by	
	Purge Start 13:43						
	Purge End 14:24						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:45	0	125	5.96	0.00	7.00	0.36	53.90	5.32	11.0	-111.2	Clear, Small Orange Particulates	No Odor
13:50	5	125	5.95	0.17	7.19	0.36	11.10	0.53	10.7	-109.9	Small Black Particulates, Small Orange Particulates	No Odor
13:55	5	125	5.95	0.34	7.28	0.35	4.23	0.49	10.5	-110.9	Small Black Particulates, Small Orange Particulates	No Odor
14:00	5	125	5.96	0.51	7.36	0.35	0.23	0.35	10.7	-109.8	Clear, Small Orange Particulates	No Odor
14:05	5	125	5.96	0.68	7.39	0.35	0.02	0.28	10.6	-114.5	Clear, Small Orange Particulates	No Odor
14:10	5	125	5.96	0.85	7.43	0.35	0.02	0.27	10.7	-111.1	Clear	No Odor
14:15	5	125	5.96	1.02	7.49	0.35	0.02	0.25	10.8	-108.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	11845 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-177S			Date	05-18-2022
Project Name/Location		Ford LTP		Weather	50 degrees F and raining.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.0-9.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.3	Total Depth (ft-bmp)	8	Water Column (ft.)	2.7	Gallons in Well	0.44
		Pump Intake (ft-bmp)	6.8	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4		--		
Sample Time:	Label 11:05	Volume Purged	1.76 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 10:16						
	Purge End 11:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	150	5.10	0.00	7.17	0.34	2.06	4.88	10.2	116.8	Clear	No Odor
10:25	5	150	5.10	0.20	7.14	0.34	0.92	3.75	10.3	108.5	Clear	No Odor
10:30	5	120	5.10	0.40	7.16	0.35	0.02	3.27	10.3	105.4	Clear	No Odor
10:35	5	150	5.30	0.56	7.18	0.36	0.02	2.97	10.3	104.1	Clear	No Odor
10:40	5	150	5.30	0.76	7.20	0.36	0.02	2.96	10.2	104.4	Clear	No Odor
10:45	5	150	5.30	0.96	7.23	0.38	0.02	2.43	10.3	103.2	Clear	No Odor
10:50	5	150	5.30	1.16	7.24	0.40	0.02	2.16	10.3	102.8	Clear	No Odor
10:55	5	150	5.30	1.36	7.27	0.41	0.02	2.15	10.2	102.1	Clear	No Odor
11:00	5	150	5.30	1.56	7.27	0.42	0.02	2.19	10.2	102.2	Clear	No Odor
11:05	5	150	5.40	1.76	7.28	0.42	0.02	2.14	10.2	101.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	11866 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-178S			Date	05-11-2022
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Cloudy. The wind is blowing E/SE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.89	Total Depth (ft-bmp)	8.82	Water Column (ft.)	3.93	Gallons in Well	0.64
		Pump Intake (ft-bmp)	6.39	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.39		--		Gary Schafer
Sample Time:	Label 15:36	Volume Purged	1.53 gallons	Replicate/Code No.		Sampled by	
	Purge Start 14:47						
	Purge End 15:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:50	0	125	4.92	0.00	6.87	0.37	24.60	1.74	10.9	5.4	Clear, Small Orange Particulates	No Odor
14:55	5	125	4.93	0.17	6.86	0.37	21.90	1.10	11.0	-19.2	Clear, Small Orange Particulates	No Odor
15:00	5	125	4.93	0.34	6.90	0.37	7.09	1.12	10.8	-44.1	Clear, Small Orange Particulates	No Odor
15:05	5	125	4.93	0.51	6.91	0.37	1.69	0.94	10.7	-65.5	Clear	No Odor
15:10	5	125	4.98	0.68	6.92	0.37	0.63	0.38	10.1	-89.5	Clear	No Odor
15:15	5	125	5.00	0.85	6.93	0.38	0.02	0.25	10.1	-93.1	Clear	No Odor
15:20	5	125	5.00	1.02	6.97	0.41	0.02	0.16	10.2	-96.9	Clear	No Odor
15:25	5	125	5.00	1.19	7.01	0.41	0.02	0.17	10.3	-104.2	Clear	No Odor
15:30	5	125	5.00	1.36	7.02	0.42	0.02	0.17	10.4	-109.1	Clear	No Odor
15:35	5	125	5.00	1.53	7.03	0.42	0.02	0.16	10.4	-110.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	11850 Boston Post; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-179S			Date	05-17-2022
Project Name/Location	Ford LTP			Weather	60.1 degrees F and Mostly Clear. The wind is blowing NW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.0-11.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.39	Total Depth (ft-bmp)	10.85	Water Column (ft.)	3.46	Gallons in Well	0.56
		Pump Intake (ft-bmp)	8.89	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.29		--		Lottie Jay
Sample Time:	Label 13:05	Volume Purged	1.28 gallons	Replicate/Code No.		Sampled by	
	Purge Start 12:27						
	Purge End 13:07						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:30	0	170	7.43	0.00	7.09	0.11	10.40	7.44	11.2	71.0	Small White Particulates	No Odor
12:35	5	170	7.43	0.22	7.10	0.11	6.71	6.80	11.0	68.1	Small White Particulates	No Odor
12:40	5	170	7.43	0.44	7.11	0.11	5.29	6.85	11.1	66.4	Small White Particulates	No Odor
12:45	5	170	7.43	0.66	7.14	0.12	4.41	6.52	11.1	61.4	Clear	No Odor
12:50	5	150	7.43	0.88	7.13	0.11	3.15	6.68	11.1	59.0	Clear	No Odor
12:55	5	150	7.43	1.08	7.14	0.11	2.93	6.42	11.0	57.1	Clear	No Odor
13:00	5	150	7.43	1.28	7.13	0.11	2.40	6.64	11.0	57.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34870 Wadsworth; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-180SR			Date	05-16-2022
Project Name/Location	Ford LTP			Weather	63.0 degrees F and Mostly Clear. The wind is blowing NW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-11.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.33	Total Depth (ft-bmp)	10.99	Water Column (ft.)	3.66	Gallons in Well	0.59
		Pump Intake (ft-bmp)	8.85	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.08		--		Lottie Jay
Sample Time:	Label 11:30	Volume Purged	1.23 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:54						
	Purge End 11:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:55	0	150	7.40	0.00	7.93	0.29	8.11	9.60	12.6	279.3	Clear	No Odor
11:00	5	150	7.40	0.20	7.96	0.29	7.47	8.19	12.3	276.3	Clear	No Odor
11:05	5	150	7.40	0.40	8.00	0.29	6.05	7.43	12.5	271.2	Clear	No Odor
11:10	5	160	7.40	0.60	7.99	0.29	4.41	7.44	12.7	265.3	Clear	No Odor
11:15	5	160	7.40	0.81	8.01	0.30	0.76	7.07	12.4	259.2	Clear	No Odor
11:20	5	160	7.40	1.02	8.03	0.31	0.71	6.72	12.4	252.1	Clear	No Odor
11:25	5	160	7.40	1.23	8.05	0.31	0.23	6.86	12.3	249.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
1" = 0.04	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	34891 Wadsworth St; side yard	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-181S			Date	05-11-2022
Project Name/Location	Ford LTP			Weather	73.0 degrees F and Cloudy. The wind is blowing SE at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.5-8.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.1	Total Depth (ft-bmp)	8.52	Water Column (ft.)	3.42	Gallons in Well	0.56
		Pump Intake (ft-bmp)	6.6	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.64		--		Lottie Jay
Sample Time:	Label 13:00	Volume Purged	2.04 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:50						
	Purge End 13:03						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:00	0	130	5.12	0.00	7.64	0.51	6.23	1.35	11.4	27.7	Clear	No Odor
12:05	5	130	5.12	0.16	7.67	0.57	6.11	1.00	11.1	10.7	Clear	No Odor
12:10	5	130	5.12	0.32	7.67	0.63	5.53	0.99	11.3	-6.6	Clear	No Odor
12:15	5	130	5.12	0.48	7.67	0.72	6.41	1.30	11.2	-36.0	Clear	No Odor
12:20	5	130	5.12	0.64	7.67	0.79	8.11	1.61	11.6	-54.7	Clear	No Odor
12:25	5	140	5.12	0.80	7.68	0.75	8.25	0.93	10.9	-73.1	Clear	No Odor
12:30	5	140	5.12	0.96	7.66	0.81	8.96	0.89	10.8	-81.0	Clear	No Odor
12:35	5	140	5.13	1.14	7.67	0.85	7.21	0.88	10.7	-87.8	Clear	No Odor
12:40	5	140	5.13	1.32	7.68	0.89	7.34	0.82	10.8	-92.2	Clear	No Odor
12:45	5	140	5.13	1.50	7.68	0.92	5.95	0.89	10.8	-93.1	Clear	No Odor
12:50	5	140	5.13	1.68	7.69	0.94	5.95	0.89	10.9	-92.5	Clear	No Odor
12:55	5	140	5.13	1.86	7.71	0.93	3.59	0.91	10.8	-91.1	Clear	No Odor
13:00	5	140	5.13	2.04	7.72	0.93	3.03	0.88	10.7	-87.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34990 Wadsworth St; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-182S			Date	05-10-2022
Project Name/Location	Ford LTP			Weather	62.1 degrees F and Cloudy. The wind is blowing S/SE at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.0-9.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.33	Total Depth (ft-bmp)	8.79	Water Column (ft.)	3.46	Gallons in Well	0.56
		Pump Intake (ft-bmp)	6.83	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.39		--		Lottie Jay
Sample Time:	Label 10:47	Volume Purged	1.34 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:10						
	Purge End 10:51						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	170	5.52	0.00	7.45	0.41	2.03	5.77	11.3	261.4	Clear	No Odor
10:20	5	170	5.52	0.22	7.48	0.41	3.06	5.57	11.2	260.6	Clear	No Odor
10:25	5	160	5.52	0.48	7.53	0.40	2.62	5.25	11.3	258.1	Clear	No Odor
10:30	5	160	5.52	0.69	7.53	0.41	1.26	5.22	11.3	256.7	Clear	No Odor
10:35	5	170	5.53	0.90	7.54	0.41	0.61	5.15	11.2	255.8	Clear	No Odor
10:40	5	170	5.53	1.12	7.55	0.41	1.32	5.05	11.2	255.1	Clear	No Odor
10:45	5	170	5.52	1.34	7.56	0.41	0.02	4.94	11.2	253.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	34766 Standish St; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-183S			Date	05-09-2022
Project Name/Location	Ford LTP			Weather	61.0 degrees F and Mostly Clear. The wind is blowing S/SE at 16.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.76	Total Depth (ft-bmp)	12.68	Water Column (ft.)	3.92	Gallons in Well	0.64
		Pump Intake (ft-bmp)	10.26	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.13		--		Lottie Jay
Sample Time: Label	13:25	Volume Purged	2.0 gallons	Replicate/Code No.		Sampled by	
Purge Start	12:20						
Purge End	13:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:25	0	140	8.80	0.00	7.72	0.38	119.00	7.41	11.6	72.9	Small Orange Particulates	No Odor
12:30	5	140	8.80	0.13	7.71	0.39	127.00	7.03	11.3	74.1	Small Orange Particulates	No Odor
12:35	5	140	8.80	0.26	7.70	0.40	109.00	7.26	10.8	76.2	Small Orange Particulates	No Odor
12:40	5	140	8.80	0.39	7.72	0.40	114.00	6.81	10.9	78.9	Small Orange Particulates	No Odor
12:45	5	140	8.80	0.52	7.72	0.39	133.00	6.45	10.8	81.6	Small Orange Particulates	No Odor
12:50	5	140	8.80	0.70	7.74	0.38	109.00	5.88	10.7	83.0	Clear	No Odor
12:55	5	140	8.80	0.88	7.75	0.38	84.70	5.64	10.9	84.7	Clear	No Odor
13:00	5	140	8.80	1.06	7.77	0.37	58.90	5.52	10.9	86.2	Clear	No Odor
13:05	5	140	8.80	1.24	7.78	0.37	36.70	5.88	11.0	88.1	Clear	No Odor
13:10	5	140	8.80	1.42	7.78	0.37	18.00	5.51	11.0	89.6	Clear	No Odor
13:15	5	150	8.80	1.60	7.79	0.37	12.60	5.51	11.1	91.3	Clear	No Odor
13:20	5	150	8.80	1.80	7.80	0.36	8.34	5.37	11.0	91.9	Clear	No Odor
13:25	5	150	8.80	2.00	7.80	0.37	6.77	5.24	11.1	93.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34934 Standish St; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-184S			Date	05-17-2022
Project Name/Location		Ford LTP		Weather	53 degrees F and cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.7	Total Depth (ft-bmp)	8.7	Water Column (ft.)	3	Gallons in Well	0.49
		Pump Intake (ft-bmp)	7.2	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.08		--		
Sample Time:	Label 13:40	Volume Purged	1.02 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 13:07						
	Purge End 13:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:10	0	140	5.70	0.00	6.91	0.51	137.00	2.08	10.2	-54.4	Orange, Small Orange Particulates	No Odor
13:15	5	130	5.70	0.18	7.04	0.47	43.70	0.54	9.9	-62.9	Clear, Small Orange Particulates	No Odor
13:20	5	130	5.80	0.35	7.10	0.45	7.05	0.38	9.8	-72.0	Clear, Small Orange Particulates	No Odor
13:25	5	120	5.80	0.52	7.12	0.45	3.40	0.28	9.8	-80.1	Clear, Small Orange Particulates	No Odor
13:30	5	130	5.80	0.68	7.15	0.45	1.92	0.22	9.8	-87.8	Clear	No Odor
13:35	5	130	5.80	0.85	7.18	0.45	0.02	0.17	9.7	-93.8	Clear	No Odor
13:40	5	120	5.80	1.02	7.18	0.46	0.02	0.18	9.8	-96.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	11981 Boston Post; side yard	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-185S			Date	05-20-2022
Project Name/Location		Ford LTP		Weather	78.1 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.0-11.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.18	Total Depth (ft-bmp)	10.52	Water Column (ft.)	3.34	Gallons in Well	0.54
		Pump Intake (ft-bmp)	8.68	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	8.22		--		
Sample Time: Label	14:23	Volume Purged	4.44 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	13:17						
Purge End	14:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	280	7.28	0.00	7.73	0.26	0.02	9.52	13.1	-33.5	Clear	No Odor
13:25	5	280	7.28	0.37	7.49	0.30	1.56	5.76	13.2	-20.1	Clear	No Odor
13:30	5	280	7.30	0.74	7.32	0.39	0.02	4.30	13.2	-18.5	Clear	No Odor
13:35	5	280	7.30	1.11	7.19	0.52	0.02	1.96	13.1	-12.1	Clear	No Odor
13:40	5	280	7.30	1.48	7.18	0.53	0.02	1.88	13.1	-11.8	Clear	No Odor
13:45	5	280	7.30	1.85	7.12	0.60	0.02	1.64	13.2	-10.2	Clear	No Odor
13:50	5	280	7.30	2.22	7.11	0.63	0.02	1.35	13.4	-9.8	Clear	No Odor
13:55	5	280	7.30	2.59	7.10	0.67	0.02	1.26	13.3	-8.3	Clear	No Odor
14:00	5	280	7.30	2.96	7.10	0.70	0.02	1.11	13.3	-6.8	Clear	No Odor
14:05	5	280	7.30	3.33	7.10	0.71	0.02	1.01	13.1	-5.6	Clear	No Odor
14:10	5	280	7.30	3.70	7.10	0.72	0.02	0.93	13.1	-5.0	Clear	No Odor
14:15	5	280	7.30	4.07	7.10	0.74	0.02	0.84	13.1	-3.8	Clear	No Odor
14:20	5	280	7.30	4.44	7.10	0.75	0.02	0.85	13.4	-3.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34921 Beacon St	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-186S			Date	05-19-2022
Project Name/Location	Ford LTP			Weather	70 degrees F and sunny		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.55	Total Depth (ft-bmp)	7.7	Water Column (ft.)	4.15	Gallons in Well	0.67
		Pump Intake (ft-bmp)	5.05	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.78		--		
Sample Time:	Label 10:45	Volume Purged	1.19 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 10:07						
	Purge End 10:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:10	0	130	3.55	0.00	7.17	0.81	1.86	4.18	11.0	-14.4	Clear	No Odor
10:15	5	130	3.60	0.17	7.22	0.82	1.07	1.68	10.9	-17.8	Clear	No Odor
10:20	5	130	3.70	0.34	7.25	0.81	0.02	0.83	10.8	-20.6	Clear	No Odor
10:25	5	130	3.70	0.51	7.28	0.80	0.02	0.28	10.6	-32.5	Clear	No Odor
10:30	5	130	3.70	0.68	7.29	0.79	0.02	0.34	10.5	-39.9	Clear	No Odor
10:35	5	130	3.70	0.85	7.30	0.77	0.02	0.28	10.2	-48.8	Clear	No Odor
10:40	5	130	3.70	1.02	7.31	0.77	0.02	0.21	10.2	-54.2	Clear	No Odor
10:45	5	130	3.70	1.19	7.31	0.77	0.02	0.20	10.2	-58.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12321 Stark	Well Locked at Arrival:	yes
Condition of Well:	Fair,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-187			Date	05-11-2022
Project Name/Location	Ford LTP			Weather	75F partly cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.84	Total Depth (ft-bmp)	12.73	Water Column (ft.)	7.89	Gallons in Well	1.28
		Pump Intake (ft-bmp)	10.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.15		--		
Sample Time: Label	12:18	Volume Purged	2.75 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	11:14						
Purge End	12:22						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:16	0	190	4.96	0.00	6.92	1.15	59.00	1.20	11.9	-16.1	Cloudy	No Odor
11:21	5	190	4.96	0.25	6.94	1.14	55.70	0.54	12.0	-31.0	Cloudy	No Odor
11:26	5	190	4.95	0.50	6.95	1.14	25.70	0.42	11.5	-40.1	Cloudy	No Odor
11:31	5	190	4.95	0.75	6.96	1.15	20.90	0.34	11.8	-44.9	Clear	No Odor
11:36	5	190	4.95	1.00	6.96	1.15	18.10	0.31	11.9	-48.1	Clear	No Odor
11:41	5	190	4.95	1.25	6.96	1.15	13.10	0.31	11.9	-49.1	Clear	No Odor
11:46	5	190	4.95	1.50	6.97	1.15	7.01	0.34	12.1	-51.3	Clear	No Odor
11:51	5	190	4.95	1.75	6.96	1.15	7.90	0.39	12.0	-51.8	Clear	No Odor
11:56	5	190	4.95	2.00	6.96	1.15	5.40	0.34	12.1	-52.4	Clear	No Odor
12:01	5	190	4.95	2.25	6.96	1.15	3.96	0.32	12.0	-52.9	Clear	No Odor
12:06	5	190	4.95	2.50	6.97	1.15	4.39	0.33	11.8	-53.4	Clear	No Odor
12:11	5	190	4.95	2.75	6.96	1.16	4.61	0.35	12.0	-54.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments Vault filled with water

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12335 Stark Rd	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-187S			Date	05-11-2022
Project Name/Location		Ford LTP		Weather	75F partly cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-8.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.91	Total Depth (ft-bmp)	8.74	Water Column (ft.)	3.83	Gallons in Well	0.62
		Pump Intake (ft-bmp)	6.41	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.1		--		
Sample Time: Label	10:50	Volume Purged	1.92 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	10:02						
Purge End	10:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:03	0	180	4.93	0.00	6.77	1.29	8.89	2.56	12.3	47.6	Clear, Small Orange Particulates	No Odor
10:08	5	180	4.95	0.24	6.74	1.37	2.45	1.33	12.1	29.3	Clear	No Odor
10:13	5	180	4.95	0.48	6.75	1.38	3.26	1.18	11.9	26.2	Clear	No Odor
10:18	5	180	4.95	0.72	6.77	1.38	2.80	0.80	11.6	22.9	Clear	No Odor
10:23	5	180	4.95	0.96	6.78	1.38	2.05	0.61	11.8	20.7	Clear	No Odor
10:28	5	180	4.95	1.20	6.80	1.38	1.60	0.55	11.8	17.4	Clear	No Odor
10:33	5	180	4.95	1.44	6.81	1.38	1.89	0.54	11.4	15.9	Clear	No Odor
10:38	5	180	4.95	1.68	6.81	1.37	0.89	0.54	11.6	13.0	Clear	No Odor
10:43	5	180	4.95	1.92	6.82	1.37	1.06	0.54	11.6	9.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12335 Stark Rd	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-188S			Date	05-19-2022
Project Name/Location	Ford LTP			Weather	62 degrees and mostly sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-8.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.65	Total Depth (ft-bmp)	7.5	Water Column (ft.)	2.85	Gallons in Well	0.46
		Pump Intake (ft-bmp)	6.15	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.13		--		
Sample Time:	Label 09:40	Volume Purged	0.98 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 09:08						
	Purge End 09:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:10	0	120	4.65	0.00	7.14	1.19	3.81	0.70	12.5	-72.8	Clear	No Odor
09:15	5	130	4.65	0.16	7.15	1.16	0.02	0.61	12.5	-71.5	Clear	No Odor
09:20	5	120	4.80	0.33	7.14	1.25	0.02	0.41	12.6	-66.0	Clear	No Odor
09:25	5	120	4.80	0.49	7.14	1.25	0.02	0.39	12.5	-66.1	Clear	No Odor
09:30	5	120	4.80	0.65	7.15	1.32	0.02	0.37	12.5	-67.2	Clear	No Odor
09:35	5	130	4.80	0.81	7.16	1.33	0.02	0.34	12.5	-67.2	Clear	No Odor
09:40	5	130	4.80	0.98	7.16	1.33	0.02	0.31	12.5	-67.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12425 Stark	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-189			Date	05-13-2022
Project Name/Location	Ford LTP			Weather	74 degrees F and sunny		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10.0-15.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.2	Total Depth (ft-bmp)	13.9	Water Column (ft.)	8.7	Gallons in Well	1.41
		Pump Intake (ft-bmp)	12.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.04		--		
Sample Time:	Label 12:10	Volume Purged	1.46 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 11:23						
	Purge End 12:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:25	0	130	5.20	0.00	7.60	1.86	141.00	0.66	11.9	-107.7	Cloudy, Small Orange Particulates	No Odor
11:30	5	130	5.20	0.17	7.60	1.83	101.00	0.61	11.8	-112.3	Cloudy, Small Orange Particulates	No Odor
11:35	5	120	5.40	0.34	7.53	1.53	152.00	0.47	11.6	-116.6	Cloudy, Small Orange Particulates	No Odor
11:40	5	120	5.40	0.50	7.47	1.17	88.70	0.30	11.5	-116.4	Cloudy, Small Orange Particulates	No Odor
11:45	5	120	5.40	0.66	7.45	1.19	44.20	0.31	11.3	-118.8	Clear, Small Orange Particulates	No Odor
11:50	5	120	5.50	0.82	7.45	1.27	23.40	0.31	11.4	-123.2	Clear, Small Orange Particulates	No Odor
11:55	5	120	5.50	0.98	7.45	1.28	20.40	0.32	11.5	-123.7	Clear, Small Orange Particulates	No Odor
12:00	5	120	5.50	1.14	7.46	1.31	4.33	0.22	11.3	-129.4	Clear, Small Orange Particulates	No Odor
12:05	5	120	5.50	1.30	7.47	1.31	4.75	0.21	11.3	-132.5	Clear, Small Orange Particulates	No Odor
12:10	5	120	5.50	1.46	7.47	1.31	4.05	0.20	11.4	-136.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	12641 Stark	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-189S			Date	05-13-2022
Project Name/Location	Ford LTP			Weather	77 degrees F and sunny		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.3	Total Depth (ft-bmp)	9.1	Water Column (ft.)	3.8	Gallons in Well	0.62
		Pump Intake (ft-bmp)	6.8	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.61		--		
Sample Time:	Label 12:50	Volume Purged	1.0 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 12:17						
	Purge End 12:55						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	130	5.30	0.00	7.34	1.19	29.80	1.20	12.6	-13.9	Clear	No Odor
12:25	5	130	5.30	0.17	7.34	1.18	20.30	0.60	12.5	-10.6	Clear	No Odor
12:30	5	130	5.40	0.34	7.37	1.17	17.30	0.33	12.3	0.8	Clear	No Odor
12:35	5	130	5.40	0.51	7.38	1.15	0.02	0.28	12.0	6.0	Clear	No Odor
12:40	5	120	5.50	0.68	7.38	1.15	0.02	0.28	12.0	6.4	Clear	No Odor
12:45	5	120	5.50	0.84	7.33	1.12	0.02	0.27	11.8	11.8	Clear	No Odor
12:50	5	120	5.50	1.00	7.33	1.12	0.02	0.26	11.9	12.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12641 Stark	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-190			Date	05-16-2022
Project Name/Location	Ford LTP			Weather	57.9 degrees F and Mostly Cloudy. The wind is blowing W/NW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.0-14.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.13	Total Depth (ft-bmp)	14	Water Column (ft.)	10.87	Gallons in Well	1.77
		Pump Intake (ft-bmp)	11.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.02		--		Sam Sukaria
Sample Time: Label	10:30	Volume Purged	1.8 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:38						
Purge End	10:32						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:41	0	150	3.20	0.00	7.25	3.84	60.90	2.89	12.3	-47.2	Clear, Small Orange Particulates	No Odor
09:46	5	150	3.19	0.20	7.29	3.73	29.40	0.45	12.0	-70.0	Clear, Small Orange Particulates	No Odor
09:51	5	150	3.19	0.40	7.31	3.63	23.20	0.25	12.0	-80.0	Clear, Small Orange Particulates	No Odor
09:56	5	150	3.19	0.60	7.33	3.62	17.30	0.20	12.0	-84.1	Clear, Small Orange Particulates	No Odor
10:01	5	150	3.19	0.80	7.33	3.62	12.30	0.18	12.0	-86.3	Clear, Small Orange Particulates	No Odor
10:06	5	150	3.19	1.00	7.34	3.60	6.36	0.17	12.1	-88.2	Clear, Small Orange Particulates	No Odor
10:11	5	150	3.19	1.20	7.35	3.65	5.97	0.18	12.1	-89.7	Clear, Small White Particulates	No Odor
10:16	5	150	3.19	1.40	7.36	3.65	3.68	0.19	12.1	-90.9	Clear, Small White Particulates	No Odor
10:21	5	150	3.19	1.60	7.36	3.65	3.31	0.20	12.1	-91.5	Clear, Small White Particulates	No Odor
10:26	5	150	3.19	1.80	7.36	3.68	1.53	0.19	12.2	-92.2	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Fairlane 12725	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-190S			Date	05-16-2022
Project Name/Location		Ford LTP		Weather	54 degrees F and partly sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.1	Total Depth (ft-bmp)	6.8	Water Column (ft.)	3.7	Gallons in Well	0.6
		Pump Intake (ft-bmp)	4.6	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.25		--		
Sample Time:	Label 10:10	Volume Purged	1.35 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 09:26						
	Purge End 10:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:30	0	120	3.10	0.00	6.75	0.84	2.62	1.67	15.1	210.4	Clear	No Odor
09:35	5	130	3.20	0.16	6.95	0.85	0.02	0.76	14.4	169.7	Clear	No Odor
09:40	5	130	3.15	0.33	7.07	0.84	0.03	0.38	14.2	129.5	Clear	No Odor
09:45	5	130	3.15	0.50	7.10	0.83	0.02	0.31	14.0	109.8	Clear	No Odor
09:50	5	130	3.15	0.67	7.12	0.83	0.02	0.33	14.1	89.2	Clear	No Odor
09:55	5	130	3.15	0.84	7.14	0.83	0.02	0.30	14.1	66.4	Clear	No Odor
10:00	5	130	3.15	1.01	7.15	0.83	0.02	0.25	14.0	50.1	Clear	No Odor
10:05	5	130	3.15	1.18	7.15	0.83	0.02	0.22	14.0	44.0	Clear	No Odor
10:10	5	130	3.15	1.35	7.16	0.83	0.02	0.21	14.0	45.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12725 Fairlane	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-191S			Date	05-19-2022
Project Name/Location	Ford LTP			Weather	56 degrees and cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.8	Total Depth (ft-bmp)	6.9	Water Column (ft.)	4.1	Gallons in Well	0.67
		Pump Intake (ft-bmp)	4.3	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.78		--		
Sample Time:	Label 08:50	Volume Purged	1.19 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 08:12						
	Purge End 08:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:15	0	130	2.80	0.00	8.27	1.04	22.80	1.91	11.9	-55.7	Clear	No Odor
08:20	5	130	2.80	0.17	8.15	1.03	17.90	1.18	11.8	-70.2	Clear	No Odor
08:25	5	130	2.90	0.34	7.95	1.01	0.02	0.89	11.7	-72.8	Clear	No Odor
08:30	5	130	2.90	0.51	7.65	0.95	0.02	0.55	11.5	-84.0	Clear	No Odor
08:35	5	130	2.90	0.68	7.58	0.90	0.02	0.41	11.4	-90.5	Clear	No Odor
08:40	5	130	3.00	0.85	7.55	0.83	0.02	0.35	11.4	-93.0	Clear	No Odor
08:45	5	130	3.00	1.02	7.53	0.82	0.02	0.31	11.3	-95.7	Clear	No Odor
08:50	5	130	3.00	1.19	7.52	0.81	0.02	0.31	11.3	-97.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	35015 Glendale	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-193S			Date	05-06-2022
Project Name/Location	Ford LTP			Weather	54.0 degrees F and Light Rain. The wind is blowing E/NE at 17.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-8.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.23	Total Depth (ft-bmp)	7.3	Water Column (ft.)	4.07	Gallons in Well	0.66
		Pump Intake (ft-bmp)	4.73	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.15		--		
Sample Time:	Label 13:52	Volume Purged	2.08 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
	Purge Start 13:06						
	Purge End 13:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:08	0	200	3.40	0.00	7.28	0.70	192.00	2.76	10.7	-2.0	Clear, Small Orange Particulates	No Odor
13:13	5	200	3.50	0.26	7.24	0.78	3.68	1.66	10.3	-5.2	Clear, Small White Particulates	No Odor
13:18	5	200	3.52	0.52	7.22	0.77	5.34	1.07	10.2	-29.3	Clear, Small White Particulates	No Odor
13:23	5	200	3.52	0.78	7.20	0.77	6.19	0.82	10.2	-52.5	Clear, Small Orange Particulates, Small White	No Odor
13:28	5	200	3.50	1.04	7.19	0.76	1.06	0.71	10.1	-70.2	Clear	No Odor
13:33	5	200	3.50	1.30	7.18	0.75	0.83	0.65	10.1	-84.8	Clear	No Odor
13:38	5	200	3.55	1.56	7.18	0.74	1.30	0.63	10.1	-92.9	Clear	No Odor
13:43	5	200	3.55	1.82	7.18	0.74	1.49	0.62	10.1	-96.4	Clear	No Odor
13:48	5	200	3.55	2.08	7.19	0.73	0.87	0.65	10.1	-100.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34940 Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-202			Date	05-10-2022
Project Name/Location		Ford LTP		Weather	63 degrees and cloudy. Wind blowing E at 8.5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12.0-17.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.7	Total Depth (ft-bmp)	16.4	Water Column (ft.)	11.7	Gallons in Well	1.9
		Pump Intake (ft-bmp)	14.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.03		--		
Sample Time: Label	09:40	Volume Purged	1.96 gallons	Replicate/Code No.		Sampled by	Christian Garrido
Purge Start	08:35						
Purge End	09:47						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:40	0	120	4.70	0.00	7.27	4.97	164.00	2.37	12.3	203.9	Clear, Small Orange Particulates	Faint Odor
08:45	5	120	4.70	0.16	7.36	4.97	132.00	1.70	12.2	195.8	Clear, Small Orange Particulates	Faint Odor
08:50	5	120	4.80	0.32	7.49	4.99	57.40	1.08	12.2	174.7	Clear, Small Orange Particulates	Faint Odor
08:55	5	130	4.80	0.48	7.59	4.99	42.60	0.53	12.1	148.2	Clear, Small Orange Particulates	No Odor
09:00	5	130	4.80	0.65	7.63	5.02	12.60	0.38	12.1	108.0	Clear, Small Orange Particulates	No Odor
09:05	5	130	4.80	0.82	7.65	5.03	9.10	0.35	12.1	53.6	Clear, Small Orange Particulates	No Odor
09:10	5	130	4.80	0.99	7.66	5.05	10.40	0.25	12.1	16.4	Clear, Small Orange Particulates	No Odor
09:15	5	120	4.80	1.16	7.68	5.08	10.00	0.23	12.0	-3.3	Clear, Small Orange Particulates	No Odor
09:20	5	120	4.80	1.32	7.68	5.08	9.80	0.22	12.1	-7.7	Clear, Small Orange Particulates	No Odor
09:25	5	120	4.80	1.48	7.70	5.12	9.72	0.22	12.0	-20.4	Clear, Small Orange Particulates	No Odor
09:30	5	120	4.80	1.64	7.71	5.14	3.59	0.22	12.0	-24.4	Clear	No Odor
09:35	5	120	4.80	1.80	7.71	5.16	1.29	0.18	12.0	-28.2	Clear	No Odor
09:40	5	120	4.80	1.96	7.72	5.15	1.01	0.15	11.9	-30.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12447 Levan	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-202S			Date	05-10-2022
Project Name/Location	Ford LTP			Weather	63 degrees and cloudy. Wind blowing E at 8.5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.5-8.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.75	Total Depth (ft-bmp)	8.4	Water Column (ft.)	3.65	Gallons in Well	0.59
		Pump Intake (ft-bmp)	6.25	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.63		--		
Sample Time:	Label 10:20	Volume Purged	0.96 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 09:47						
	Purge End 10:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:50	0	120	4.80	0.00	7.96	6.13	0.54	0.31	12.4	22.4	Clear	No Odor
09:55	5	120	4.80	0.16	7.96	6.12	0.30	0.32	12.5	22.3	Clear	No Odor
10:00	5	120	4.90	0.32	7.95	6.12	0.02	0.31	12.5	22.3	Clear	No Odor
10:05	5	120	4.90	0.48	7.95	6.14	0.02	0.28	12.4	22.1	Clear	No Odor
10:10	5	120	4.80	0.64	7.94	6.12	0.02	0.28	12.4	-2.2	Clear	No Odor
10:15	5	120	4.90	0.80	7.94	6.13	0.02	0.26	12.4	-3.0	Clear	No Odor
10:20	5	120	4.90	0.96	7.94	6.14	0.02	0.28	12.4	-9.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12447 Levan	Well Locked at Arrival:	yes
Condition of Well:	Poor	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-203			Date	05-13-2022
Project Name/Location	Ford LTP			Weather	64 degrees F and sunny. Wind blowing NE at 4.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	13.0-18.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.35	Total Depth (ft-bmp)	17.4	Water Column (ft.)	13.05	Gallons in Well	2.12
		Pump Intake (ft-bmp)	15.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.98		--		
Sample Time:	Label 09:45	Volume Purged	2.08 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 08:40						
	Purge End 09:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:45	0	130	4.35	0.00	7.19	6.83	7.98	2.12	13.2	243.8	Clear	No Odor
08:50	5	140	4.35	0.17	7.41	6.84	6.18	1.21	13.0	224.2	Clear	No Odor
08:55	5	140	4.50	0.35	7.48	6.84	2.31	0.92	13.2	216.4	Clear	No Odor
09:00	5	140	4.60	0.53	7.55	6.86	1.06	0.83	13.1	204.5	Clear	No Odor
09:05	5	140	4.60	0.71	7.63	6.96	0.02	0.60	13.0	173.5	Clear	No Odor
09:10	5	130	4.60	0.89	7.73	7.00	0.02	0.47	13.1	149.6	Clear	No Odor
09:15	5	130	4.60	1.06	7.74	7.03	0.02	0.36	13.6	130.8	Clear	No Odor
09:20	5	130	4.60	1.23	7.76	7.07	0.02	0.44	13.6	117.1	Clear	No Odor
09:25	5	130	4.60	1.40	7.77	7.09	0.02	0.33	13.6	105.0	Clear	No Odor
09:30	5	130	4.60	1.57	7.79	7.11	0.02	0.29	13.5	92.0	Clear	No Odor
09:35	5	130	4.60	1.74	7.80	7.15	0.02	0.25	13.4	77.0	Clear	No Odor
09:40	5	130	4.60	1.91	7.81	7.16	0.02	0.21	13.4	68.4	Clear	No Odor
09:45	5	130	4.60	2.08	7.81	7.18	0.02	0.22	13.4	59.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12447 Levan	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-203S			Date	05-13-2022
Project Name/Location	Ford LTP			Weather	68 degrees F and sunny. Wind blowing E at 5.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-8.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.3	Total Depth (ft-bmp)	7.9	Water Column (ft.)	3.6	Gallons in Well	0.58
		Pump Intake (ft-bmp)	5.8	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.31		--		
Sample Time:	Label 10:55	Volume Purged	1.92 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 09:53						
	Purge End 11:01						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:55	0	120	4.30	0.00	8.36	3.26	22.90	7.57	13.4	88.5	Clear	No Odor
10:00	5	120	4.40	0.16	8.50	3.24	8.54	7.08	13.0	92.5	Clear	No Odor
10:05	5	120	4.40	0.32	8.48	4.12	0.02	6.37	13.1	97.3	Clear	No Odor
10:10	5	120	4.40	0.48	8.40	4.79	0.02	5.78	13.1	98.0	Clear	No Odor
10:15	5	120	4.50	0.64	8.30	5.63	0.02	5.04	13.1	98.5	Clear	No Odor
10:20	5	120	4.50	0.80	8.13	6.49	0.02	3.58	13.2	82.7	Clear	No Odor
10:25	5	120	4.50	0.96	8.08	6.70	0.02	3.04	13.2	31.4	Clear	No Odor
10:30	5	120	4.50	1.12	8.05	6.83	0.02	2.87	12.9	-8.2	Clear	No Odor
10:35	5	120	4.50	1.28	8.03	6.90	0.02	2.74	12.9	-35.4	Clear	No Odor
10:40	5	120	4.50	1.44	8.03	6.93	0.02	2.64	13.0	-46.4	Clear	No Odor
10:45	5	120	4.50	1.60	8.03	6.99	0.02	2.56	13.0	-52.8	Clear	No Odor
10:50	5	120	4.50	1.76	8.04	7.00	0.02	2.55	13.0	-56.6	Clear	No Odor
10:55	5	120	4.50	1.92	8.04	7.01	0.02	2.52	13.1	-57.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12447 Levan	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-206			Date	05-10-2022
Project Name/Location	Ford LTP			Weather	63 degrees and cloudy. Wind blowing E at 8.5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14.0-19.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.5	Total Depth (ft-bmp)	18.1	Water Column (ft.)	9.6	Gallons in Well	1.56
		Pump Intake (ft-bmp)	16.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.49		--		
Sample Time:	Label 11:40	Volume Purged	2.32 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 10:35						
	Purge End 11:46						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	150	8.50	0.00	7.33	3.21	603.00	0.75	13.4	77.5	Brown	Faint Odor
10:45	5	150	8.60	0.20	7.35	3.17	417.00	0.45	13.6	63.9	Cloudy, Small Brown Particulates	Faint Odor
10:50	5	140	8.70	0.40	7.37	3.16	196.00	0.42	13.6	54.7	Brown, Cloudy	No Odor
10:55	5	140	8.70	0.58	7.39	3.16	102.00	0.58	13.6	43.7	Cloudy	No Odor
11:00	5	140	8.70	0.76	7.39	3.16	90.30	0.61	13.6	42.9	Cloudy	No Odor
11:05	5	140	8.70	0.94	7.42	3.10	40.10	0.59	13.5	39.2	Clear	No Odor
11:10	5	150	8.70	1.12	7.42	3.09	30.20	0.58	13.4	38.6	Clear	No Odor
11:15	5	150	8.70	1.32	7.42	3.08	29.80	0.58	13.4	39.3	Clear	No Odor
11:20	5	150	8.70	1.52	7.43	3.04	24.40	0.70	13.4	42.6	Clear	No Odor
11:25	5	150	8.70	1.72	7.45	2.99	18.10	0.72	13.4	45.8	Clear	No Odor
11:30	5	150	8.70	1.92	7.45	2.98	15.30	0.72	13.4	46.0	Clear	No Odor
11:35	5	150	8.70	2.12	7.45	2.97	10.80	0.71	13.5	45.6	Clear	No Odor
11:40	5	120	8.70	2.32	7.44	2.95	8.80	0.70	13.5	45.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12447 Levan	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-206S			Date	05-10-2022
Project Name/Location	Ford LTP			Weather	63 degrees and cloudy. Wind blowing E at 8.5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-11.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.4	Total Depth (ft-bmp)	11.5	Water Column (ft.)	3.1	Gallons in Well	0.5
		Pump Intake (ft-bmp)	9.9	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.24		--		
Sample Time:	Label 12:25	Volume Purged	1.12 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 11:47						
	Purge End 12:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:50	0	120	8.40	0.00	8.00	2.96	12.80	4.62	15.8	71.6	Clear	No Odor
11:55	5	120	8.50	0.16	8.00	2.97	4.84	4.31	15.8	72.9	Clear	No Odor
12:00	5	120	8.50	0.32	7.99	2.92	2.93	4.92	15.8	69.3	Clear	No Odor
12:05	5	120	8.40	0.48	7.97	2.90	0.02	4.42	15.7	55.8	Clear	No Odor
12:10	5	120	8.40	0.64	7.97	2.83	0.02	4.42	15.7	40.5	Clear	No Odor
12:15	5	120	8.50	0.80	7.96	2.78	0.02	4.44	15.9	28.2	Clear	No Odor
12:20	5	120	8.50	0.96	7.96	2.78	0.02	4.35	15.8	24.3	Clear	No Odor
12:25	5	120	8.50	1.12	7.95	2.71	0.02	4.30	16.0	20.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12447 Levan	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-207S			Date	05-16-2022
Project Name/Location	Ford LTP			Weather	71F, sunny		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.73	Total Depth (ft-bmp)	8.79	Water Column (ft.)	1.06	Gallons in Well	0.17
		Pump Intake (ft-bmp)	8.26	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	9.18		--		
Sample Time: Label	13:20	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Seth Turner
Purge Start	12:10						
Purge End	13:25						

ST

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:15	0	100	7.73	0	7.74	0.28	33.9	3.41	19.4	98	Clear	None
12:20	5	100	7.74	0.13	6.98	0.24	27.6	2.25	18.8	125	Clear	None
12:25	5	100	7.74	0.26	6.97	0.23	23.9	2.06	18.8	119	Clear	None
12:30	5	100	7.74	0.39	6.98	0.23	19.7	2.05	18.8	114.6	Clear	None
12:35	5	100	7.74	0.52	7.04	0.23	12.4	2.05	18.7	105.4	Clear	None
12:40	5	100	7.74	0.65	7.22	0.23	7.39	2.09	18.7	82.5	Clear	None
12:45	5	100	7.74	0.78	7.23	0.23	6.84	2.14	18.7	75.3	Clear	None
12:50	5	100	7.74	0.91	7.30	0.24	3.87	2.15	18.6	68.6	Clear	None
12:55	5	100	7.74	1.04	7.37	0.26	1.19	2.15	18.7	58.5	Clear	None
13:00	5	100	7.74	1.17	7.36	0.26	0.88	2.17	18.7	58.4	Clear	None
13:05	5	100	7.74	1.30	7.42	0.26	0.86	2.17	18.7	55.5	Clear	None
13:10	5	100	7.74	1.43	7.40	0.25	0.02	2.2	18.7	56.2	Clear	None
13:15	5	100	7.74	1.56	7.68	0.26	0.02	2.16	18.7	56.3	Clear	None
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12125 Stark; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-214S			Date	05-17-2022
Project Name/Location	Ford LTP			Weather	60.1 degrees F and Mostly Clear. The wind is blowing NW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.29	Total Depth (ft-bmp)	9.85	Water Column (ft.)	3.56	Gallons in Well	0.58
		Pump Intake (ft-bmp)	7.79	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.41		--		Sam Sukaria
Sample Time:	Label 13:27	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	
	Purge Start 12:48						
	Purge End 13:32						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:51	0	150	6.31	0.00	7.47	1.52	0.02	5.98	14.7	173.9	Clear, Small White Particulates	No Odor
12:56	5	150	6.32	0.20	7.36	1.96	0.02	6.11	14.1	165.8	Clear	No Odor
13:01	5	150	6.32	0.40	7.33	2.26	0.02	5.87	14.1	164.7	Clear	No Odor
13:06	5	150	6.32	0.60	7.37	3.36	0.02	2.99	14.2	-30.6	Clear	No Odor
13:11	5	150	6.32	0.80	7.40	3.44	0.02	2.31	14.2	-49.2	Clear	No Odor
13:16	5	150	6.32	1.00	7.42	3.47	0.02	2.20	14.2	-58.5	Clear	No Odor
13:21	5	150	6.32	1.20	7.42	3.49	0.02	2.15	14.2	-61.0	Clear	No Odor
13:26	5	150	6.32	1.40	7.42	3.50	0.03	2.15	14.1	-61.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12400 Belden; Parking Lot	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-215S			Date	05-16-2022
Project Name/Location	Ford LTP			Weather	60F, sunny		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-8.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.12	Total Depth (ft-bmp)	7.61	Water Column (ft.)	3.49	Gallons in Well	0.57
		Pump Intake (ft-bmp)	5.62	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.82		--		
Sample Time: Label	11:35	Volume Purged	1.04 gallons	Replicate/Code No.		Sampled by	Seth Turner
Purge Start	10:45						
Purge End	11:40						

ST

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	100	4.12	0.00	8.56	0.19	29.70	9.53	12.6	57.9	Clear	No Odor
10:55	5	100	4.13	0.13	8.55	0.16	25.70	7.92	12.7	54.6	Turbid	No Odor
11:00	5	100	4.13	0.26	8.56	0.17	17.80	7.63	13.3	59.1	Clear	No Odor
11:05	5	100	4.13	0.39	8.56	0.17	16.90	7.48	13.5	59.4	Clear	No Odor
11:10	5	100	4.13	0.52	8.56	0.17	16.90	7.40	13.1	59.5	Clear	No Odor
11:15	5	100	4.13	0.65	8.55	0.17	15.60	7.86	13.3	64.9	Clear	No Odor
11:20	5	100	4.13	0.78	8.54	0.17	13.20	7.76	13.1	66.6	Clear	No Odor
11:25	5	100	4.13	0.91	8.53	0.17	12.80	7.71	13.1	67.5	Clear	No Odor
11:30	5	100	4.13	1.04	8.54	0.17	12.10	7.53	13.2	68.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	35000 Plymouth; Back Lot	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-216S			Date	05-16-2022
Project Name/Location	Ford LTP			Weather	57.9 degrees F and Mostly Cloudy. The wind is blowing W/NW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.0-11.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.84	Total Depth (ft-bmp)	10.38	Water Column (ft.)	2.54	Gallons in Well	0.41
		Pump Intake (ft-bmp)	9.34	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.39		--		Lottie Jay
Sample Time: Label	10:15	Volume Purged	1.8 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:20						
Purge End	10:17						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:25	0	150	7.90	0.00	7.64	0.14	31.10	8.52	9.3	252.6	Small White Particulates	No Odor
09:30	5	150	7.90	0.20	7.87	0.14	23.20	7.52	9.3	253.4	Clear	No Odor
09:35	5	150	7.90	0.40	8.01	0.16	20.70	9.30	9.2	251.5	Clear	No Odor
09:40	5	150	7.90	0.60	8.02	0.17	14.80	7.40	9.3	253.2	Clear	No Odor
09:45	5	150	7.90	0.80	8.02	0.20	11.00	6.55	9.2	254.3	Clear	No Odor
09:50	5	150	7.90	1.00	8.02	0.21	8.21	6.13	9.2	255.3	Clear	No Odor
09:55	5	150	7.90	1.20	8.01	0.22	6.72	5.70	9.2	256.0	Clear	No Odor
10:00	5	150	7.92	1.40	8.01	0.23	5.26	5.46	9.3	255.7	Clear	No Odor
10:05	5	150	7.92	1.60	8.01	0.24	5.14	5.21	9.2	255.4	Clear	No Odor
10:10	5	150	7.90	1.80	8.01	0.24	5.24	5.20	9.4	253.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34851 Wadsworth St; backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-217S			Date	05-13-2022
Project Name/Location	Ford LTP			Weather	77.0 degrees F and Mostly Clear. The wind is blowing S/SE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.0-11.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.92	Total Depth (ft-bmp)	10.19	Water Column (ft.)	3.27	Gallons in Well	0.53
		Pump Intake (ft-bmp)	8.42	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.92		--		Lottie Jay
Sample Time:	Label 14:20	Volume Purged	2.08 gallons	Replicate/Code No.		Sampled by	
	Purge Start 13:18						
	Purge End 14:24						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	140	6.95	0.00	7.15	0.24	11.80	6.98	11.4	31.8	Small Black Particulates	No Odor
13:25	5	140	6.95	0.18	7.16	0.24	8.72	5.30	10.8	30.1	Small Black Particulates	No Odor
13:30	5	140	6.95	0.36	7.23	0.27	8.79	4.60	11.3	27.9	Small Black Particulates	No Odor
13:35	5	140	6.95	0.54	7.23	0.26	4.73	3.94	10.7	26.8	Small Black Particulates, Small White Particulates	No Odor
13:40	5	130	6.95	0.72	7.25	0.27	2.64	3.77	10.8	25.1	Small Black Particulates, Small White Particulates	No Odor
13:45	5	130	6.95	0.89	7.27	0.27	2.68	3.54	10.8	22.9	Small Black Particulates, Small White Particulates	No Odor
13:50	5	130	6.95	1.06	7.28	0.28	2.52	3.48	10.8	21.0	Small Black Particulates, Small White Particulates	No Odor
13:55	5	130	6.95	1.23	7.30	0.28	3.23	3.46	10.8	18.8	Small Orange Particulates, Small White Particulates	No Odor
14:00	5	130	6.95	1.40	7.32	0.29	1.69	3.26	10.8	15.5	Small Black Particulates, Small White Particulates	No Odor
14:05	5	130	6.95	1.57	7.35	0.30	0.56	3.21	11.0	11.3	Clear	No Odor
14:10	5	130	6.95	1.74	7.37	0.30	0.02	3.19	10.7	8.0	Clear	No Odor
14:15	5	130	6.95	1.91	7.39	0.31	0.02	2.99	10.8	3.2	Clear	No Odor
14:20	5	130	6.95	2.08	7.41	0.32	0.02	2.94	11.3	-0.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34935 Wadsworth; backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-223S			Date	05-16-2022
Project Name/Location	Ford LTP			Weather	60 degrees F, sunny		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.5-13.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.92	Total Depth (ft-bmp)	13.21	Water Column (ft.)	2.29	Gallons in Well	0.37
		Pump Intake (ft-bmp)	12.42	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.46		--		
Sample Time: Label	10:25	Volume Purged	0.91 gallons	Replicate/Code No.		Sampled by	Seth Turner
Purge Start	09:40						
Purge End	10:30						

ST

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:45	0	100	10.93	0.00	7.44	2.87	16.80	1.73	12.9	114.6	Clear	No Odor
09:50	5	100	10.93	0.13	7.43	2.86	12.70	1.65	12.8	111.9	Clear	No Odor
09:55	5	100	10.93	0.26	7.43	2.86	12.70	1.65	12.8	110.5	Clear	No Odor
10:00	5	100	10.93	0.39	7.43	2.86	10.90	1.50	12.7	108.2	Clear	No Odor
10:05	5	100	10.93	0.52	7.42	2.90	9.61	1.47	12.5	95.1	Clear	No Odor
10:10	5	100	10.93	0.65	7.42	2.91	4.72	1.30	12.7	83.1	Clear	No Odor
10:15	5	100	10.93	0.78	7.43	2.89	5.21	1.30	12.7	77.4	Clear	No Odor
10:20	5	100	10.93	0.91	7.43	2.88	5.13	1.25	12.7	77.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
1" = 0.04	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	35000 Plymouth	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-225S			Date	05-10-2022
Project Name/Location	Ford LTP			Weather	64.9 degrees F and Cloudy. The wind is blowing S at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.91	Total Depth (ft-bmp)	9.5	Water Column (ft.)	2.59	Gallons in Well	0.42
		Pump Intake (ft-bmp)	8.41	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3		--		Lottie Jay
Sample Time: Label	11:47	Volume Purged	1.26 gallons	Replicate/Code No.		Sampled by	
Purge Start	11:10						
Purge End	11:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:15	0	160	7.09	0.00	7.87	0.28	16.70	11.05	10.8	237.8	Clear	No Odor
11:20	5	160	7.09	0.21	7.76	0.27	13.00	9.29	10.5	242.4	Clear	No Odor
11:25	5	160	7.10	0.42	7.80	0.27	7.61	9.20	10.5	246.8	Clear	No Odor
11:30	5	160	7.10	0.63	7.86	0.27	4.60	9.11	10.4	248.9	Clear	No Odor
11:35	5	160	7.10	0.84	7.90	0.27	3.67	9.33	10.5	252.1	Clear	No Odor
11:40	5	160	7.10	1.05	7.93	0.27	2.82	8.86	10.6	254.1	Clear	No Odor
11:45	5	160	7.10	1.26	7.96	0.27	2.46	8.80	10.6	255.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	34800 Standish St; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-72			Date	05-05-2022
Project Name/Location	Ford LTP			Weather	51F, overcast		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.72	Total Depth (ft-bmp)	19.64	Water Column (ft.)	12.92	Gallons in Well	2.1
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.37				
Sample Time:	Label 12:30	Volume Purged	0.78 gallons	Replicate/Code No.	DUP-09	Sampled by	Seth Turner
	Purge Start 11:53						
	Purge End 12:35						

ST

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:55	0	100	6.72	0.00	7.46	12.26	0.02	1.45	12.9	-117.9	Clear	No Odor
12:00	5	100	6.73	0.13	7.52	12.41	0.02	0.17	12.9	-128.5	Clear	No Odor
12:05	5	100	6.73	0.26	7.52	12.43	0.02	0.17	12.9	-130.3	Clear	No Odor
12:10	5	100	6.73	0.39	7.52	12.43	0.02	0.17	12.9	-130.3	Clear	No Odor
12:15	5	100	6.73	0.52	7.52	12.42	0.02	0.08	12.9	-131.1	Clear	No Odor
12:20	5	100	6.73	0.65	7.52	12.41	0.02	0.07	12.9	-131.1	Clear	No Odor
12:25	5	100	6.73	0.78	7.52	12.40	0.02	0.08	12.8	-131.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Missing bolts,Poor	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-72S			Date	05-05-2022
Project Name/Location		Ford LTP		Weather	51F, sunny		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.91	Total Depth (ft-bmp)	13.01	Water Column (ft.)	6.1	Gallons in Well	0.99
		Pump Intake (ft-bmp)	8.41	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.58		--		
Sample Time: Label	11:40	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Seth Turner
Purge Start	10:30						
Purge End	11:45						

ST

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:35	0	100	6.92	0.00	7.25	7.10	68.00	11.60	12.6	-41.0	Clear, Small Orange Particulates	No Odor
10:40	5	100	6.92	0.13	7.24	6.82	38.20	10.77	12.3	-54.2	Clear, Small Orange Particulates	No Odor
10:45	5	100	6.92	0.26	7.28	6.66	40.80	9.88	12.3	-68.8	Clear, Small Orange Particulates	No Odor
10:50	5	100	6.92	0.39	7.42	6.02	37.10	9.39	12.2	-98.0	Clear, Small Orange Particulates	No Odor
10:55	5	100	6.92	0.52	7.42	5.93	24.10	9.36	12.2	-100.4	Clear, Small Orange Particulates	No Odor
11:00	5	100	6.93	0.65	7.46	5.78	25.90	9.14	12.2	-105.1	Clear, Small Orange Particulates	No Odor
11:05	5	100	6.93	0.78	7.46	5.70	21.90	9.02	12.2	-107.6	Clear, Small Orange Particulates	No Odor
11:10	5	100	6.93	0.91	7.46	5.69	20.10	8.89	12.2	-108.7	Clear, Small Orange Particulates	No Odor
11:15	5	100	6.93	1.04	7.45	5.68	14.00	8.71	12.3	-110.5	Clear, Small Orange Particulates	No Odor
11:20	5	100	6.93	1.17	7.45	5.69	11.50	8.56	12.3	-110.9	Clear, Small Orange Particulates	No Odor
11:25	5	100	6.93	1.30	7.44	5.69	3.13	8.36	12.3	-110.8	Clear, Small Orange Particulates	No Odor
11:30	5	100	6.93	1.43	7.43	5.68	3.53	8.21	12.4	-110.8	Clear, Small Orange Particulates	No Odor
11:35	5	100	6.93	1.56	7.43	5.68	3.53	8.21	12.4	-110.8	Clear, Small Orange Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-73D			Date	05-19-2022
Project Name/Location	Ford LTP			Weather	60 partly cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	13.5-18.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.7	Total Depth (ft-bmp)	17.3	Water Column (ft.)	12.6	Gallons in Well	2.05
		Pump Intake (ft-bmp)	16	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.44		--		Sierra Sider
Sample Time:	Label 09:50	Volume Purged	0.91 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:08						
	Purge End 09:52						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:10	0	100	4.90	0.00	7.37	10.29	8.54	3.87	14.5	-89.7	Clear	No Odor
09:15	5	100	4.90	0.13	7.27	11.25	7.76	0.41	13.5	-103.5	Clear	No Odor
09:20	5	100	4.90	0.26	7.28	11.29	6.79	0.31	13.4	-106.4	Clear	No Odor
09:25	5	100	4.90	0.39	7.28	11.32	5.00	0.26	13.6	-107.1	Clear	No Odor
09:30	5	100	4.90	0.52	7.28	11.34	5.63	0.20	13.4	-107.8	Clear	No Odor
09:35	5	100	4.90	0.65	7.28	11.33	4.94	0.18	13.5	-107.4	Clear	No Odor
09:40	5	100	4.90	0.78	7.28	11.32	4.18	0.19	13.7	-106.8	Clear	No Odor
09:45	5	100	4.90	0.91	7.29	11.31	1.38	0.17	13.8	-106.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW: Belden	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-73SR			Date	05-19-2022
Project Name/Location	Ford LTP			Weather	63 and sunny		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.7	Total Depth (ft-bmp)	12.4	Water Column (ft.)	7.7	Gallons in Well	1.25
		Pump Intake (ft-bmp)	6.2	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.25		--		Sierra Sider
Sample Time: Label	11:10	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	
Purge Start	10:00						
Purge End	11:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:05	0	100	4.75	0.00	6.80	6.12	0.02	2.46	13.4	41.6	Clear	No Odor
10:10	5	100	4.75	0.13	6.78	6.14	0.02	2.40	13.3	44.4	Clear	No Odor
10:15	5	100	4.75	0.26	6.78	6.16	0.02	1.78	13.2	50.0	Clear	No Odor
10:20	5	100	4.75	0.39	6.78	6.22	0.02	1.59	13.2	57.6	Clear	No Odor
10:25	5	100	4.75	0.52	6.80	6.31	0.02	1.26	13.1	60.1	Clear	No Odor
10:30	5	100	4.75	0.65	6.86	6.50	0.02	0.75	13.2	65.3	Clear	No Odor
10:35	5	100	4.75	0.78	6.89	6.66	0.02	0.58	13.2	61.1	Clear	No Odor
10:40	5	100	4.75	0.91	6.91	6.77	0.02	0.49	13.0	50.6	Clear	No Odor
10:45	5	100	4.75	1.04	6.92	6.82	0.02	0.48	13.1	38.8	Clear	No Odor
10:50	5	100	4.75	1.17	6.93	6.86	0.02	0.45	13.2	27.6	Clear	No Odor
10:55	5	100	4.75	1.30	6.94	6.92	0.02	0.38	13.2	18.1	Clear	No Odor
11:00	5	100	4.75	1.43	6.95	6.95	0.02	0.36	13.2	10.8	Clear	No Odor
11:05	5	100	4.75	1.56	6.95	6.97	0.02	0.35	13.1	5.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW: Belden	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-74			Date	05-09-2022
Project Name/Location		Ford LTP		Weather	59F, sunny		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14.0-19.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.56	Total Depth (ft-bmp)	18.69	Water Column (ft.)	14.13	Gallons in Well	2.3
		Pump Intake (ft-bmp)	16.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.62		--		
Sample Time: Label	12:05	Volume Purged	1.43 gallons	Replicate/Code No.		Sampled by	Seth Turner
Purge Start	11:00						
Purge End	12:10						

ST

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	100	4.57	0.00	7.31	8.23	49.90	0.32	12.6	-125.6	Clear, Small Orange Particulates	No Odor
11:10	5	100	4.57	0.13	7.31	8.35	45.60	0.29	13.5	-125.7	Clear, Small Orange Particulates	No Odor
11:15	5	100	4.57	0.26	7.31	8.61	48.90	0.24	13.5	-123.8	Clear, Small Orange Particulates	No Odor
11:20	5	100	4.57	0.39	7.30	8.83	24.60	0.24	13.5	-124.8	Clear, Small Orange Particulates	No Odor
11:25	5	100	4.57	0.52	7.30	9.17	17.50	0.26	13.4	-124.1	Clear, Small Orange Particulates	No Odor
11:30	5	100	4.57	0.65	7.30	9.46	14.10	0.22	13.6	-124.1	Clear, Small Orange Particulates	No Odor
11:35	5	100	4.57	0.78	7.30	9.51	10.60	0.18	13.5	-120.3	Clear, Small Orange Particulates	No Odor
11:40	5	100	4.57	0.91	7.29	9.63	9.00	0.19	13.5	-121.6	Clear	No Odor
11:45	5	100	4.57	1.04	7.29	9.63	7.35	0.19	13.5	-121.6	Clear	No Odor
11:50	5	100	4.57	1.17	7.29	9.63	4.32	0.19	13.5	-121.6	Clear	No Odor
11:55	5	100	4.57	1.30	7.29	9.63	2.12	0.19	13.5	-121.6	Clear	No Odor
12:00	5	100	4.57	1.43	7.29	9.63	0.67	0.19	13.5	-121.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Fair,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-74S			Date	05-09-2022
Project Name/Location	Ford LTP			Weather	61F, sunny		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.59	Total Depth (ft-bmp)	12.47	Water Column (ft.)	5.88	Gallons in Well	0.96
		Pump Intake (ft-bmp)	8.09	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.95		--		Seth Turner
Sample Time:	Label 12:55	Volume Purged	0.91 gallons	Replicate/Code No.		Sampled by	
	Purge Start 12:13						
	Purge End 13:00						

ST

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:15	0	100	5.69	0.00	6.94	9.88	8.67	0.62	12.9	-41.5	Clear	No Odor
12:20	5	100	5.70	0.13	6.97	10.38	8.45	0.47	13.9	-57.9	Clear	No Odor
12:25	5	100	5.71	0.26	7.00	10.52	6.45	0.24	13.1	-62.1	Clear	No Odor
12:30	5	100	5.71	0.39	7.00	10.55	4.73	0.22	13.1	-61.0	Clear	No Odor
12:35	5	100	5.71	0.52	7.01	10.55	0.02	0.22	13.1	-61.0	Clear	No Odor
12:40	5	100	5.71	0.65	7.01	10.56	0.02	0.18	13.0	-62.2	Clear	No Odor
12:45	5	100	5.71	0.78	7.01	10.56	0.02	0.18	13.0	-62.2	Clear	No Odor
12:50	5	100	5.71	0.91	7.01	10.56	0.02	0.18	13.1	-62.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Fair,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-75D			Date	05-10-2022
Project Name/Location	Ford LTP			Weather	64.9 degrees F and Cloudy. The wind is blowing S at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12.0-17.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.81	Total Depth (ft-bmp)	16.6	Water Column (ft.)	11.79	Gallons in Well	1.92
		Pump Intake (ft-bmp)	14.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.11		--		Sam Sukaria
Sample Time: Label	11:30	Volume Purged	0.91 gallons	Replicate/Code No.		Sampled by	
Purge Start	10:47						
Purge End	11:34						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:52	0	100	4.90	0.00	7.76	9.11	6.36	0.25	12.5	-164.0	Clear	No Odor
10:57	5	100	4.90	0.13	7.75	9.20	9.44	0.24	12.6	-165.5	Clear	No Odor
11:02	5	100	4.90	0.26	7.74	9.21	9.27	0.18	12.8	-167.5	Clear	No Odor
11:07	5	100	4.90	0.39	7.73	9.21	5.03	0.15	12.9	-169.0	Clear	No Odor
11:12	5	100	4.90	0.52	7.72	9.22	10.60	0.13	12.9	-169.4	Clear	No Odor
11:17	5	100	4.90	0.65	7.71	9.20	0.64	0.10	12.8	-169.6	Clear	No Odor
11:22	5	100	4.90	0.78	7.70	9.17	0.02	0.10	12.8	-169.4	Clear	No Odor
11:27	5	100	4.90	0.91	7.69	9.10	0.08	0.10	12.8	-168.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW Belden	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-75SR			Date	05-10-2022
Project Name/Location	Ford LTP			Weather	62.1 degrees F and Cloudy. The wind is blowing S/SE at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.92	Total Depth (ft-bmp)	12.4	Water Column (ft.)	7.48	Gallons in Well	1.22
		Pump Intake (ft-bmp)	6.42	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.28		--		Sam Sukaria
Sample Time:	Label 10:30	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:25						
	Purge End 10:32						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:27	0	100	4.94	0.00	6.94	1.13	7.64	2.20	12.3	132.0	Clear	No Odor
09:32	5	100	4.94	0.13	7.28	1.22	0.02	1.69	12.2	115.2	Clear	No Odor
09:37	5	100	4.94	0.26	7.34	1.30	0.02	1.28	12.3	103.7	Clear	No Odor
09:42	5	100	4.94	0.39	7.37	1.36	0.02	0.98	12.4	92.8	Clear	No Odor
09:47	5	100	4.94	0.52	7.38	1.48	0.02	0.86	12.4	85.2	Clear	No Odor
09:52	5	100	4.94	0.65	7.38	1.82	0.02	0.66	12.3	73.9	Clear	No Odor
09:57	5	100	4.94	0.78	7.38	2.03	0.02	0.62	12.3	61.1	Clear	No Odor
10:02	5	100	4.94	0.91	7.40	2.25	0.02	0.58	12.2	34.9	Clear	No Odor
10:07	5	100	4.94	1.04	7.40	2.46	0.02	0.52	12.3	-1.0	Clear	No Odor
10:12	5	100	4.94	1.17	7.41	2.51	0.02	0.52	12.2	-11.8	Clear	No Odor
10:17	5	100	4.94	1.30	7.41	2.56	0.02	0.51	12.4	-21.2	Clear	No Odor
10:22	5	100	4.94	1.43	7.41	2.64	0.02	0.47	12.4	-31.4	Clear	No Odor
10:27	5	100	4.94	1.56	7.40	2.68	0.02	0.34	12.4	-36.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	ROW Belden	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-76			Date	05-11-2022
Project Name/Location	Ford LTP			Weather	71F, sunny		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.41	Total Depth (ft-bmp)	19.64	Water Column (ft.)	10.23	Gallons in Well	1.66
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.55		--		
Sample Time:	Label 11:05	Volume Purged	0.91 gallons	Replicate/Code No.		Sampled by	Seth Turner
	Purge Start 10:20						
	Purge End 11:10						

ST

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:25	0	100	9.41	0.00	7.67	5.66	60.10	0.67	14.8	-141.6	Clear, Small Orange Particulates	No Odor
10:30	5	100	9.41	0.13	7.83	4.80	16.20	0.33	14.2	-100.7	Clear, Small Orange Particulates	No Odor
10:35	5	100	9.41	0.26	7.79	4.59	6.78	0.28	13.5	-54.3	Clear	No Odor
10:40	5	100	9.41	0.39	7.77	4.66	4.26	0.27	13.5	-38.7	Clear	No Odor
10:45	5	100	9.41	0.52	7.74	4.74	0.02	0.20	13.6	-27.9	Clear	No Odor
10:50	5	100	9.41	0.65	7.72	4.81	0.02	0.21	13.6	-18.5	Clear	No Odor
10:55	5	100	9.41	0.78	7.71	4.88	0.02	0.18	13.8	-12.6	Clear	No Odor
11:00	5	100	9.41	0.91	7.70	4.90	0.02	0.20	13.9	-10.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW Plymouth	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-76S			Date	05-11-2022
Project Name/Location	Ford LTP			Weather	69F, cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.34	Total Depth (ft-bmp)	14.13	Water Column (ft.)	4.79	Gallons in Well	0.78
		Pump Intake (ft-bmp)	10.84	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2		--		
Sample Time: Label	10:05	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Seth Turner
Purge Start	08:55						
Purge End	10:10						

ST

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:00	0	100	9.35	0.00	7.19	3.74	423.00	3.58	12.2	9.7	Brown	No Odor
09:05	5	100	9.35	0.13	7.23	3.61	350.00	2.38	12.1	-42.8	Brown	No Odor
09:10	5	100	9.35	0.26	7.24	3.57	302.00	2.34	12.3	-42.7	Brown	No Odor
09:15	5	100	9.35	0.39	7.27	3.46	175.00	2.22	12.2	-41.8	Brown	No Odor
09:20	5	100	9.35	0.52	7.29	3.40	109.00	1.96	12.1	-41.7	Brown	No Odor
09:25	5	100	9.35	0.65	7.33	3.23	125.00	1.78	11.9	-44.4	Brown	No Odor
09:30	5	100	9.35	0.78	7.34	3.19	111.00	1.53	12.1	-46.9	Brown	No Odor
09:35	5	100	9.35	0.91	7.36	3.13	80.80	1.49	12.1	-48.1	Brown	No Odor
09:40	5	100	9.35	1.04	7.38	3.06	58.20	1.36	12.0	-51.4	Brown	No Odor
09:45	5	100	9.35	1.17	7.40	3.02	41.30	1.25	12.1	-53.4	Clear	No Odor
09:50	5	100	9.35	1.30	7.41	2.95	31.10	1.23	12.1	-54.4	Clear	No Odor
09:55	5	100	9.35	1.43	7.41	2.95	20.40	1.23	12.1	-54.4	Clear	No Odor
10:00	5	100	9.35	1.56	7.45	2.89	20.90	1.24	12.0	-56.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	ROW Plymouth	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-77			Date	05-05-2022
Project Name/Location		Ford LTP		Weather	60.1 degrees F and Cloudy. The wind is blowing S at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.0-14.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.2	Total Depth (ft-bmp)	13.7	Water Column (ft.)	9.5	Gallons in Well	1.54
		Pump Intake (ft-bmp)	11.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.18		--		
Sample Time:	Label 13:27	Volume Purged	1.82 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
	Purge Start 12:48						
	Purge End 13:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:49	0	200	4.20	0.00	7.59	1.10	14.90	3.76	11.0	23.9	Clear, Cloudy	No Odor
12:54	5	200	4.20	0.26	7.61	1.04	4.48	0.85	10.7	-19.9	Clear	No Odor
12:59	5	200	4.20	0.52	7.62	0.96	2.21	0.66	10.7	-48.9	Clear	No Odor
13:04	5	200	4.20	0.78	7.63	0.90	0.59	0.65	10.7	-68.1	Clear	No Odor
13:09	5	200	4.20	1.04	7.63	0.87	0.02	0.66	10.8	-77.8	Clear	No Odor
13:14	5	200	4.20	1.30	7.63	0.86	0.02	0.72	10.6	-85.7	Clear	No Odor
13:19	5	200	4.20	1.56	7.63	0.85	0.02	0.68	10.6	-89.1	Clear	No Odor
13:24	5	200	4.20	1.82	7.63	0.84	0.02	0.69	10.6	-91.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-77S			Date	05-05-2022
Project Name/Location	Ford LTP			Weather	60.1 degrees F and Cloudy. The wind is blowing S at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.09	Total Depth (ft-bmp)	12.18	Water Column (ft.)	8.09	Gallons in Well	1.31
		Pump Intake (ft-bmp)	5.59	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.39				
Sample Time: Label	14:28	Volume Purged	1.82 gallons	Replicate/Code No.	MW-77S-MS_050522, MW-77S-MSD_050522	Sampled by	Samantha Hindle
Purge Start	13:50						
Purge End	14:39						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:51	0	200	4.10	0.00	7.63	0.66	1.74	2.51	11.6	-9.3	Clear	No Odor
13:56	5	200	4.10	0.26	7.61	0.66	1.18	1.23	11.0	-8.4	Clear	No Odor
14:01	5	200	4.10	0.52	7.62	0.66	0.38	1.09	10.9	-8.2	Clear	No Odor
14:06	5	200	4.10	0.78	7.62	0.67	0.02	0.97	10.9	-7.6	Clear	No Odor
14:11	5	200	4.10	1.04	7.62	0.67	0.39	0.99	11.0	-7.2	Clear	No Odor
14:16	5	200	4.10	1.30	7.62	0.67	0.39	0.89	10.9	-6.3	Clear	No Odor
14:21	5	200	4.10	1.56	7.62	0.67	0.14	0.90	10.7	-6.0	Clear	No Odor
14:26	5	200	4.10	1.82	7.61	0.67	0.02	0.90	10.9	-6.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-78			Date	05-03-2022
Project Name/Location	Ford LTP			Weather	53.1 degrees F and Light Rain. The wind is blowing E at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7.0-12.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.78	Total Depth (ft-bmp)	11.76	Water Column (ft.)	9.98	Gallons in Well	1.62
		Pump Intake (ft-bmp)	9.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.28		--		
Sample Time:	Label 11:07	Volume Purged	2.08 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
	Purge Start 10:20						
	Purge End 11:11						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:21	0	200	1.85	0.00	7.35	2.93	74.60	2.25	8.3	51.3	Clear, Orange, Small Orange Particulates	No Odor
10:26	5	200	1.82	0.26	7.44	2.70	14.70	2.20	8.5	5.9	Clear, Small Orange Particulates	No Odor
10:31	5	200	1.80	0.52	7.47	2.50	5.96	1.43	8.3	-41.3	Clear, Small Orange Particulates	No Odor
10:36	5	200	1.80	0.78	7.48	2.42	2.75	1.53	8.4	-61.6	Clear	No Odor
10:41	5	200	1.80	1.04	7.48	2.36	1.84	2.29	8.3	-79.0	Clear	No Odor
10:46	5	200	1.80	1.30	7.49	2.36	1.68	2.39	8.3	-85.2	Clear	No Odor
10:51	5	200	1.80	1.56	7.49	2.31	1.25	1.71	8.5	-91.1	Clear	No Odor
10:56	5	200	1.80	1.82	7.50	2.31	1.06	1.79	8.3	-95.3	Clear	No Odor
11:01	5	200	1.80	2.08	7.50	2.31	2.06	1.77	8.3	-96.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-78S			Date	05-03-2022
Project Name/Location	Ford LTP			Weather	52.0 degrees F and Light Rain and Fog/Mist. The wind is blowing E/SE at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.91	Total Depth (ft-bmp)	12.3	Water Column (ft.)	10.39	Gallons in Well	1.69
		Pump Intake (ft-bmp)	3.41	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.85		--		
Sample Time: Label	12:35	Volume Purged	3.12 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	11:31						
Purge End	12:39						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:32	0	200	1.96	0.00	7.41	0.56	0.65	2.80	8.6	-46.3	Clear	No Odor
11:37	5	200	1.92	0.26	7.41	0.57	1.52	3.36	8.4	-43.1	Clear	No Odor
11:42	5	200	1.92	0.52	7.41	0.61	0.84	1.97	8.4	-29.1	Clear	No Odor
11:47	5	200	1.92	0.78	7.43	0.64	1.37	1.50	8.4	-30.8	Clear	No Odor
11:52	5	200	1.92	1.04	7.44	0.73	0.73	1.65	8.3	-27.9	Clear	No Odor
11:57	5	200	1.92	1.30	7.46	0.86	0.72	1.40	8.4	-28.7	Clear	No Odor
12:02	5	200	1.92	1.56	7.46	0.91	0.91	1.42	8.4	-30.4	Clear	No Odor
12:07	5	200	1.92	1.82	7.45	1.21	0.35	1.46	8.4	-35.4	Clear	No Odor
12:12	5	200	1.92	2.08	7.45	1.28	0.75	1.43	8.4	-39.5	Clear	No Odor
12:17	5	200	1.92	2.34	7.46	1.41	0.72	1.42	8.3	-47.1	Clear	No Odor
12:22	5	200	1.92	2.60	7.47	1.46	0.27	1.44	8.3	-52.2	Clear	No Odor
12:27	5	200	1.92	2.86	7.47	1.51	0.02	1.47	8.4	-58.0	Clear	No Odor
12:32	5	200	1.82	3.12	7.47	1.56	0.02	1.48	8.3	-62.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-79D			Date	05-09-2022
Project Name/Location		Ford LTP		Weather	53 degrees F and sunny. Wind E at 2.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10.0-15.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.45	Total Depth (ft-bmp)	14.65	Water Column (ft.)	11.2	Gallons in Well	1.82
		Pump Intake (ft-bmp)	12.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.65		--		
Sample Time:	Label 11:40	Volume Purged	1.19 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 10:59						
	Purge End 11:47						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	130	3.45	0.00	7.16	5.08	115.00	1.86	11.0	-16.1	Cloudy, Small Orange Particulates	No Odor
11:10	5	130	3.50	0.17	7.29	5.10	9.24	0.60	10.7	-45.2	Clear, Small Orange Particulates	No Odor
11:15	5	130	3.60	0.34	7.33	5.04	4.76	0.59	10.7	-52.2	Clear, Small Orange Particulates	No Odor
11:20	5	130	3.60	0.51	7.37	4.76	0.34	0.40	10.6	-56.1	Clear, Small Orange Particulates	No Odor
11:25	5	130	3.50	0.68	7.33	4.61	0.02	0.33	10.6	-58.3	Clear, Small Orange Particulates	No Odor
11:30	5	130	3.50	0.85	7.39	4.43	0.02	0.24	10.6	-60.9	Clear, Small Orange Particulates	No Odor
11:35	5	130	3.50	1.02	7.39	4.38	0.02	0.24	10.7	-63.0	Clear	No Odor
11:40	5	130	3.50	1.19	7.37	4.32	0.02	0.22	10.6	-65.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-79SR			Date	05-09-2022
Project Name/Location		Ford LTP		Weather	53 degrees F and sunny. Wind E at 2.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.3	Total Depth (ft-bmp)	12.2	Water Column (ft.)	8.9	Gallons in Well	1.45
		Pump Intake (ft-bmp)	4.8	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.41		--		
Sample Time:	Label 12:55	Volume Purged	2.04 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 11:51						
	Purge End 13:01						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:55	0	130	3.30	0.00	7.51	0.64	1.06	4.74	10.7	25.0	Clear	No Odor
12:00	5	130	3.30	0.17	7.45	0.51	0.86	4.53	10.6	39.8	Clear	No Odor
12:05	5	130	3.40	0.34	7.39	0.43	0.02	4.42	10.7	55.5	Clear	No Odor
12:10	5	130	3.30	0.51	7.37	0.41	0.02	4.19	10.7	62.4	Clear	No Odor
12:15	5	130	3.40	0.68	7.32	0.63	0.02	3.34	10.6	64.3	Clear	No Odor
12:20	5	130	3.40	0.85	7.26	1.05	0.02	2.11	10.5	40.5	Clear	No Odor
12:25	5	130	3.40	1.02	7.30	1.44	0.02	1.42	10.7	-2.0	Clear	No Odor
12:30	5	130	3.40	1.19	7.35	1.65	0.02	1.20	10.7	-18.7	Clear	No Odor
12:35	5	130	3.40	1.36	7.36	1.73	0.02	1.15	10.8	-26.3	Clear	No Odor
12:40	5	130	3.40	1.53	7.36	1.85	0.02	1.08	10.9	-30.9	Clear	No Odor
12:45	5	130	3.40	1.70	7.35	1.90	0.02	0.87	11.2	-33.3	Clear	No Odor
12:50	5	130	3.40	1.87	7.35	1.95	0.02	0.95	11.2	-34.7	Clear	No Odor
12:55	5	130	3.40	2.04	7.35	1.92	0.02	0.85	11.2	-35.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-80SR			Date	05-19-2022
Project Name/Location	Ford LTP			Weather	70.0 degrees F and Cloudy. The wind is blowing W/SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.71	Total Depth (ft-bmp)	12.2	Water Column (ft.)	10.49	Gallons in Well	1.7
		Pump Intake (ft-bmp)	3.21	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.06				
Sample Time: Label	13:38	Volume Purged	1.8 gallons	Replicate/Code No.	DUP-08	Sampled by	Sam Sukaria
Purge Start	12:46						
Purge End	13:42						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:51	0	150	1.78	0.00	7.10	1.50	1.48	0.36	14.3	-34.2	Clear, Small Orange Particulates	No Odor
12:56	5	150	1.77	0.20	7.06	1.50	0.02	0.19	13.9	-42.9	Clear	No Odor
13:01	5	150	1.77	0.40	7.06	1.51	0.02	0.14	13.9	-47.0	Clear	No Odor
13:06	5	150	1.79	0.60	7.08	1.53	0.02	0.13	13.6	-50.4	Clear	No Odor
13:11	5	150	1.78	0.80	7.09	1.55	0.02	0.12	13.6	-53.0	Clear	No Odor
13:16	5	150	1.79	1.00	7.11	1.59	0.02	0.10	13.5	-55.7	Clear	No Odor
13:21	5	150	1.79	1.20	7.13	1.66	0.02	0.10	13.6	-59.2	Clear	No Odor
13:26	5	150	1.79	1.40	7.14	1.70	0.02	0.09	13.4	-62.1	Clear	No Odor
13:31	5	150	1.79	1.60	7.16	1.72	0.02	0.08	13.5	-64.0	Clear	No Odor
13:36	5	150	1.79	1.80	7.17	1.73	0.02	0.08	13.5	-65.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW: Brewster	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-81			Date	05-17-2022
Project Name/Location	Ford LTP			Weather	60F, sunny		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.76	Total Depth (ft-bmp)	12.69	Water Column (ft.)	6.93	Gallons in Well	1.13
		Pump Intake (ft-bmp)	10.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.69				
Sample Time:	Label 12:50	Volume Purged	0.78 gallons	Replicate/Code No.	MW-81-MS_051722, MW-81-MSD_051722	Sampled by	Seth Turner
	Purge Start 12:05						
	Purge End 12:52						

ST

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:10	0	100	5.67	0.00	7.29	1.70	32.90	0.57	11.0	-36.9	Clear	No Odor
12:15	5	100	5.67	0.13	7.27	1.69	30.50	0.52	10.8	-44.3	Clear	No Odor
12:20	5	100	5.67	0.26	7.25	1.69	30.50	0.46	11.1	-52.6	Clear	No Odor
12:25	5	100	5.67	0.39	7.22	1.62	4.03	0.18	10.7	-54.4	Clear	No Odor
12:30	5	100	5.67	0.52	7.22	1.63	0.02	0.17	10.6	-54.4	Clear	No Odor
12:35	5	100	5.67	0.65	7.21	1.62	0.02	0.17	10.6	-55.7	Clear	No Odor
12:40	5	100	5.67	0.78	7.22	1.63	0.02	0.16	10.5	-55.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW: Stark	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-81S			Date	05-17-2022
Project Name/Location	Ford LTP			Weather	54F, sunny		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.08	Total Depth (ft-bmp)	12.52	Water Column (ft.)	6.44	Gallons in Well	1.05
		Pump Intake (ft-bmp)	7.58	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.74		--		Seth Turner
Sample Time:	Label 11:45	Volume Purged	0.78 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:05						
	Purge End 11:55						

ST

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	100	6.09	0.00	7.29	0.46	41.20	1.69	10.8	-52.6	Clear	No Odor
11:15	5	100	6.09	0.13	7.29	0.46	13.90	1.71	10.8	-52.6	Clear	No Odor
11:20	5	100	6.09	0.26	7.28	0.46	4.68	1.71	10.8	-48.9	Clear	No Odor
11:25	5	100	6.09	0.39	7.28	0.46	0.02	1.71	10.8	-48.9	Clear	No Odor
11:30	5	100	6.09	0.52	7.27	0.46	0.02	1.70	10.8	-49.1	Clear	No Odor
11:35	5	100	6.09	0.65	7.27	0.46	0.02	1.70	10.8	-49.1	Clear	No Odor
11:40	5	100	6.09	0.78	7.27	0.46	0.02	1.70	10.8	-49.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW: Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-82D			Date	05-06-2022
Project Name/Location	Ford LTP			Weather	53.1 degrees F and Light Rain. The wind is blowing NE at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	18.0-23.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.68	Total Depth (ft-bmp)	22.71	Water Column (ft.)	16.03	Gallons in Well	2.6
		Pump Intake (ft-bmp)	20.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.72		--		Gary Schafer
Sample Time:	Label 11:16	Volume Purged	1.87 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:18						
	Purge End 11:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	125	6.68	0.00	6.85	1.19	40.90	1.21	9.2	-33.1	Clear	No Odor
10:25	5	125	6.68	0.17	6.96	1.19	35.60	0.73	9.2	-44.9	Clear	No Odor
10:30	5	125	6.68	0.34	7.04	1.19	29.40	0.59	9.2	-54.4	Clear	No Odor
10:35	5	125	6.68	0.51	7.09	1.19	23.30	0.51	9.2	-58.9	Clear	No Odor
10:40	5	125	6.68	0.68	7.03	1.19	25.00	0.44	9.2	-64.7	Clear	No Odor
10:45	5	125	6.68	0.85	7.16	1.19	22.40	0.43	9.0	-69.4	Clear	No Odor
10:50	5	125	6.68	1.02	7.18	1.19	20.20	0.41	9.8	-72.3	Clear	No Odor
10:55	5	125	6.68	1.19	7.20	1.20	19.80	0.37	9.3	-74.1	Clear	No Odor
11:00	5	125	6.68	1.36	7.20	1.20	14.40	0.37	9.2	-75.9	Clear	No Odor
11:05	5	125	6.68	1.53	7.21	1.20	13.20	0.36	9.3	-77.4	Clear	No Odor
11:10	5	125	6.68	1.70	7.22	1.20	13.00	0.36	9.2	-79.7	Clear	No Odor
11:15	5	125	6.68	1.87	7.23	1.20	12.00	0.37	9.3	-79.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-82SR			Date	05-06-2022
Project Name/Location	Ford LTP			Weather	53.1 degrees F and Light Rain. The wind is blowing E/NE at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.0-15.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.49	Total Depth (ft-bmp)	16.1	Water Column (ft.)	9.61	Gallons in Well	1.56
		Pump Intake (ft-bmp)	7.99	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.87		--		Gary Schafer
Sample Time: Label	12:26	Volume Purged	1.36 gallons	Replicate/Code No.		Sampled by	
Purge Start	11:42						
Purge End	12:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:45	0	125	6.61	0.00	6.87	1.13	12.40	3.77	8.5	74.9	Clear	No Odor
11:50	5	125	6.63	0.17	6.92	1.25	8.89	2.86	8.5	82.1	Clear	No Odor
11:55	5	125	6.65	0.34	6.94	1.27	4.72	2.73	8.5	83.8	Clear	No Odor
12:00	5	125	6.65	0.51	6.97	1.32	4.02	2.41	8.5	85.7	Clear	No Odor
12:05	5	125	6.66	0.68	6.98	1.33	5.49	2.27	8.5	86.9	Clear	No Odor
12:10	5	125	6.65	0.85	7.01	1.38	3.60	2.06	8.4	87.4	Clear	No Odor
12:15	5	125	6.68	1.02	7.00	1.30	3.35	2.30	8.4	90.3	Clear	No Odor
12:20	5	125	6.72	1.19	7.00	1.32	2.92	2.21	8.4	92.6	Clear	No Odor
12:25	5	125	6.74	1.36	7.01	1.33	2.32	2.16	8.4	93.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-83			Date	05-16-2022
Project Name/Location	Ford LTP			Weather	63.0 degrees F and Mostly Clear. The wind is blowing NW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.2	Total Depth (ft-bmp)	12.45	Water Column (ft.)	6.25	Gallons in Well	1.02
		Pump Intake (ft-bmp)	10.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.18		--		Sam Sukaria
Sample Time:	Label 11:41	Volume Purged	1.2 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:05						
	Purge End 11:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	150	6.24	0.00	7.32	1.34	0.02	0.39	10.8	39.2	Clear	No Odor
11:15	5	150	6.25	0.20	7.32	1.35	0.02	0.39	11.2	36.1	Clear	No Odor
11:20	5	150	6.25	0.40	7.33	1.33	0.02	0.26	10.7	38.0	Clear	No Odor
11:25	5	150	6.25	0.60	7.35	1.33	0.02	0.27	10.4	40.2	Clear	No Odor
11:30	5	150	6.20	0.80	7.37	1.33	0.02	0.28	10.6	41.8	Clear	No Odor
11:35	5	150	6.25	1.00	7.40	1.33	0.02	0.28	10.7	41.6	Clear	No Odor
11:40	5	150	6.25	1.20	7.40	1.34	0.02	0.30	10.8	42.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW Stark	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-83S			Date	05-16-2022
Project Name/Location	Ford LTP			Weather	54 degrees F and partly sunny.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.35	Total Depth (ft-bmp)	12.8	Water Column (ft.)	6.45	Gallons in Well	1.05
		Pump Intake (ft-bmp)	7.85	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.95		--		
Sample Time:	Label 11:35	Volume Purged	1.0 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 11:00						
	Purge End 11:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	140	6.35	0.00	7.70	0.53	24.40	4.97	11.6	140.2	Clear	No Odor
11:10	5	120	6.40	0.18	7.73	0.66	0.02	2.09	11.1	109.2	Clear	No Odor
11:15	5	130	6.40	0.34	7.50	0.96	0.02	1.33	11.0	97.3	Clear	No Odor
11:20	5	120	6.40	0.51	7.36	1.06	0.02	1.08	10.8	91.0	Clear	No Odor
11:25	5	130	6.40	0.67	7.38	1.10	0.02	0.94	10.8	85.0	Clear	No Odor
11:30	5	120	6.40	0.84	7.39	1.13	0.02	0.88	10.8	79.0	Clear	No Odor
11:35	5	120	6.40	1.00	7.40	1.13	0.02	0.94	10.9	76.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW Stark	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-84			Date	05-06-2022
Project Name/Location		Ford LTP		Weather	53.1 degrees F and Light Rain. The wind is blowing E/NE at 11.4 mph.		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		2.72	Total Depth (ft-bmp)	12.56	Water Column (ft.)	9.84	Gallons in Well	1.6
			Pump Intake (ft-bmp)	10.5	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	0.97		--		
Sample Time:	Label	12:22	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
	Purge Start	11:45						
	Purge End	12:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:46	0	200	2.73	0.00	7.09	7.23	10.80	3.46	10.1	-19.3	Clear, Small White Particulates	No Odor
11:51	5	200	2.74	0.26	7.13	7.43	8.23	0.96	10.0	-39.6	Clear, Small White Particulates	No Odor
11:56	5	200	2.74	0.52	7.15	7.35	5.33	0.64	10.0	-47.0	Clear	No Odor
12:01	5	200	2.74	0.78	7.17	7.06	5.48	0.47	10.0	-54.1	Clear	No Odor
12:06	5	200	2.74	1.04	7.17	6.99	3.00	0.47	10.0	-56.8	Clear	No Odor
12:11	5	200	2.74	1.30	7.19	6.92	3.29	0.40	10.0	-60.9	Clear	No Odor
12:16	5	200	2.74	1.56	7.19	6.89	3.72	0.40	10.0	-64.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	Beacon row	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-84S			Date	05-06-2022
Project Name/Location	Ford LTP			Weather	53.1 degrees F and Light Rain. The wind is blowing NE at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.85	Total Depth (ft-bmp)	12.7	Water Column (ft.)	9.85	Gallons in Well	1.6
		Pump Intake (ft-bmp)	4.35	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.8		--		
Sample Time:	Label 11:22	Volume Purged	2.88 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
	Purge Start 10:19						
	Purge End 11:26						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	180	2.88	0.00	7.92	0.35	3.58	7.52	11.7	189.3	Small Black Particulates	No Odor
10:25	5	180	4.88	0.24	7.95	0.35	3.77	7.05	10.9	173.0	Small Black Particulates	No Odor
10:30	5	180	4.88	0.48	8.06	0.37	1.91	6.78	10.5	161.4	Clear	No Odor
10:35	5	180	4.88	0.72	8.08	0.37	1.71	7.34	10.5	160.8	Clear	No Odor
10:40	5	180	4.88	0.96	7.98	0.55	1.62	6.08	10.3	163.1	Clear	No Odor
10:45	5	180	4.88	1.20	7.52	1.23	1.57	4.28	10.4	115.5	Clear	No Odor
10:50	5	180	4.88	1.44	7.38	1.89	0.61	3.51	10.4	55.7	Clear	No Odor
10:55	5	180	4.88	1.68	7.36	2.34	2.31	3.15	10.4	7.6	Clear	No Odor
11:00	5	180	4.88	1.92	7.36	2.65	0.70	2.93	10.4	-25.9	Clear	No Odor
11:05	5	180	4.88	2.16	7.37	2.80	0.65	3.05	10.4	-40.3	Clear	No Odor
11:10	5	180	4.88	2.40	7.38	2.90	1.61	2.80	10.4	-48.7	Clear	No Odor
11:15	5	180	4.88	2.64	7.37	3.01	1.74	3.07	10.3	-51.2	Clear	No Odor
11:20	5	180	4.88	2.88	7.38	3.09	0.02	2.75	10.3	-55.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-85			Date	05-19-2022
Project Name/Location		Ford LTP		Weather	61.0 degrees F and Mostly Cloudy. The wind is blowing W at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.52	Total Depth (ft-bmp)	12.7	Water Column (ft.)	8.18	Gallons in Well	1.33
		Pump Intake (ft-bmp)	10.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.35		--		Sam Sukaria
Sample Time:	Label 10:27	Volume Purged	1.8 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:39						
	Purge End 10:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:41	0	150	4.62	0.00	7.09	4.48	0.02	1.12	10.5	0.9	Clear	No Odor
09:46	5	150	4.59	0.20	7.19	4.46	0.02	0.22	10.9	-62.1	Clear	No Odor
09:51	5	150	4.59	0.40	7.23	4.42	0.02	0.19	10.8	-77.1	Clear	No Odor
09:56	5	150	4.59	0.60	7.26	4.34	0.02	0.18	10.8	-82.8	Clear	No Odor
10:01	5	150	4.59	0.80	7.27	4.08	0.02	0.16	10.9	-84.5	Clear	No Odor
10:06	5	150	4.59	1.00	7.26	3.83	0.02	0.15	10.8	-84.5	Clear	No Odor
10:11	5	150	4.59	1.20	7.25	3.68	0.02	0.14	10.8	-84.4	Clear	No Odor
10:16	5	150	4.59	1.40	7.25	3.59	0.02	0.14	10.8	-84.7	Clear	No Odor
10:21	5	150	4.59	1.60	7.26	3.54	0.02	0.13	10.8	-85.4	Clear	No Odor
10:26	5	150	4.59	1.80	7.26	3.52	0.02	0.12	10.8	-85.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW: Rosati	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-85SR			Date	05-19-2022
Project Name/Location	Ford LTP			Weather	64.0 degrees F and Partly Cloudy. The wind is blowing W/SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.72	Total Depth (ft-bmp)	8.15	Water Column (ft.)	3.43	Gallons in Well	0.56
		Pump Intake (ft-bmp)	6.22	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.14				
Sample Time: Label	11:30	Volume Purged	1.2 gallons	Replicate/Code No.	DUP-07	Sampled by	Sam Sukaria
Purge Start	10:58						
Purge End	11:42						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:00	0	150	4.75	0.00	7.20	2.51	27.10	0.44	13.1	-60.6	Clear, Small Orange Particulates, Small Red Particulates	No Odor
11:05	5	150	4.75	0.20	7.16	2.52	1.72	0.18	12.6	-71.9	Clear, Small Orange Particulates	No Odor
11:10	5	150	4.75	0.40	7.17	2.53	1.57	0.17	12.6	-74.5	Clear, Small Orange Particulates	No Odor
11:15	5	150	4.75	0.60	7.19	2.52	1.70	0.18	12.6	-75.3	Clear, Small Orange Particulates	No Odor
11:20	5	150	4.75	0.80	7.19	2.51	0.02	0.18	12.6	-75.4	Clear, Small Orange Particulates	No Odor
11:25	5	150	4.75	1.00	7.20	2.50	0.84	0.17	12.6	-75.2	Clear	No Odor
11:30	5	150	4.75	1.20	7.20	2.49	0.02	0.16	12.6	-75.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments Water in well head

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW: Rosati	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-86			Date	05-17-2022
Project Name/Location		Ford LTP		Weather	55.0 degrees F and Clear. The wind is blowing N/NW at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12.0-17.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.95	Total Depth (ft-bmp)	16.59	Water Column (ft.)	9.64	Gallons in Well	1.57
		Pump Intake (ft-bmp)	14.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.56		--		Lottie Jay
Sample Time:	Label 10:30	Volume Purged	2.45 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:25						
	Purge End 10:32						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:30	0	160	6.98	0.00	7.59	1.53	29.30	1.71	10.9	-46.8	Small Orange Particulates	No Odor
09:35	5	160	6.98	0.21	7.63	1.57	39.40	1.05	11.2	-82.3	Small Orange Particulates	No Odor
09:40	5	160	6.97	0.42	7.63	1.63	15.70	0.85	11.2	-91.7	Small Orange Particulates	No Odor
09:45	5	160	6.97	0.63	7.63	1.64	8.51	0.81	11.2	-97.5	Small Orange Particulates	No Odor
09:50	5	160	6.97	0.84	7.63	1.61	4.48	0.73	11.3	-100.0	Small Orange Particulates	No Odor
09:55	5	155	6.97	1.05	7.62	1.61	5.59	0.75	11.3	-102.5	Small Orange Particulates	No Odor
10:00	5	155	6.97	1.25	7.62	1.59	3.81	0.74	11.3	-104.0	Clear, Small White Particulates	No Odor
10:05	5	155	6.97	1.45	7.62	1.58	5.67	0.75	11.4	-104.5	Small Orange Particulates, Small White Particulates	No Odor
10:10	5	155	6.97	1.65	7.63	1.56	2.59	0.68	11.3	-106.6	Clear, Small White Particulates	No Odor
10:15	5	155	6.97	1.85	7.62	1.63	2.93	0.68	11.4	-105.0	Clear, Small White Particulates	No Odor
10:20	5	155	6.97	2.05	7.62	1.57	2.53	0.66	11.4	-104.6	Clear, Small White Particulates	No Odor
10:25	5	155	6.97	2.25	7.62	1.55	2.22	0.62	11.5	-105.2	Clear, Small White Particulates	No Odor
10:30	5	155	6.97	2.45	7.61	1.53	2.05	0.59	11.4	-105.4	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW: Wadsworth	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-86S			Date	05-17-2022
Project Name/Location	Ford LTP			Weather	57.0 degrees F and Clear. The wind is blowing N at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.11	Total Depth (ft-bmp)	12.33	Water Column (ft.)	5.22	Gallons in Well	0.85
		Pump Intake (ft-bmp)	8.61	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.91		--		Lottie Jay
Sample Time: Label	11:45	Volume Purged	1.62 gallons	Replicate/Code No.		Sampled by	
Purge Start	10:57						
Purge End	11:47						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:00	0	140	7.14	0.00	7.90	0.35	10.40	8.56	11.6	27.6	Small Orange Particulates	No Odor
11:05	5	140	7.14	0.18	7.88	0.37	13.80	7.50	11.6	30.3	Small Orange Particulates	No Odor
11:10	5	160	7.14	0.36	7.85	0.40	19.70	6.68	11.4	33.9	Small Orange Particulates	No Odor
11:15	5	160	7.14	0.57	7.83	0.41	19.50	6.50	11.5	36.3	Small Orange Particulates	No Odor
11:20	5	160	7.14	0.78	7.83	0.41	18.00	6.30	11.4	37.6	Small Orange Particulates	No Odor
11:25	5	160	7.14	0.99	7.83	0.41	14.60	6.24	11.4	39.3	Small Orange Particulates	No Odor
11:30	5	160	7.14	1.20	7.83	0.42	12.70	5.92	11.5	40.9	Small Orange Particulates	No Odor
11:35	5	160	7.14	1.41	7.82	0.42	12.10	6.02	11.6	42.4	Small Orange Particulates	No Odor
11:40	5	160	7.14	1.62	7.82	0.42	13.20	5.73	11.5	43.7	Small Orange Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW: Wadsworth	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-87			Date	05-11-2022
Project Name/Location	Ford LTP			Weather	66.0 degrees F and Cloudy. The wind is blowing S/SE at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14.0-19.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.89	Total Depth (ft-bmp)	18.8	Water Column (ft.)	8.91	Gallons in Well	1.45
		Pump Intake (ft-bmp)	16.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.1		--		Lottie Jay
Sample Time:	Label 10:55	Volume Purged	1.6 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:13						
	Purge End 10:59						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	150	9.90	0.00	7.79	2.31	1.85	0.83	13.1	59.4	Clear	No Odor
10:20	5	150	9.90	0.20	7.80	2.24	1.08	0.55	13.2	55.2	Clear	No Odor
10:25	5	150	9.90	0.40	7.93	2.09	1.07	0.41	13.7	47.8	Clear	No Odor
10:30	5	150	9.90	0.60	7.83	1.99	0.92	1.65	13.1	44.5	Clear	No Odor
10:35	5	150	9.90	0.80	7.82	1.94	0.27	0.80	13.0	41.7	Clear	No Odor
10:40	5	150	9.90	1.00	7.81	1.87	0.67	0.50	12.7	38.4	Clear	No Odor
10:45	5	150	9.90	1.20	7.80	1.84	0.49	0.48	12.9	36.6	Clear	No Odor
10:50	5	150	9.90	1.40	7.79	1.82	0.44	0.44	13.1	34.4	Clear	No Odor
10:55	5	150	9.90	1.60	7.79	1.80	0.46	0.43	13.1	32.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW: Standish	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-87S			Date	05-11-2022
Project Name/Location	Ford LTP			Weather	64.0 degrees F and Cloudy. The wind is blowing E/SE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.75	Total Depth (ft-bmp)	14.1	Water Column (ft.)	4.35	Gallons in Well	0.71
		Pump Intake (ft-bmp)	11.25	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.1		--		Lottie Jay
Sample Time: Label	09:50	Volume Purged	2.2 gallons	Replicate/Code No.		Sampled by	
Purge Start	08:45						
Purge End	09:54						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:50	0	150	9.75	0.00	8.57	0.28	2.96	0.90	12.1	207.4	Clear	No Odor
08:55	5	150	9.75	0.20	8.69	0.27	3.69	0.83	12.2	172.0	Clear	No Odor
09:00	5	140	9.75	0.40	8.73	0.25	3.73	0.73	12.1	161.7	Clear	No Odor
09:05	5	140	9.75	0.58	8.77	0.24	2.42	0.70	12.2	120.5	Clear	No Odor
09:10	5	140	9.75	0.76	8.78	0.23	3.04	0.63	12.2	88.4	Clear	No Odor
09:15	5	140	9.75	0.94	8.79	0.23	2.96	0.62	12.2	55.5	Clear	No Odor
09:20	5	140	9.75	1.12	8.79	0.23	2.07	0.77	12.0	29.3	Clear	No Odor
09:25	5	140	9.75	1.30	8.80	0.22	2.37	0.64	12.1	-23.9	Clear	No Odor
09:30	5	140	9.75	1.48	8.81	0.22	2.49	0.69	12.0	-34.5	Clear	No Odor
09:35	5	140	9.75	1.66	8.82	0.22	2.60	0.54	12.1	-51.4	Clear	No Odor
09:40	5	140	9.75	1.84	8.83	0.21	2.35	0.46	12.1	-72.1	Clear	No Odor
09:45	5	140	9.75	2.02	8.84	0.22	2.20	0.52	12.2	-82.6	Clear	No Odor
09:50	5	140	9.75	2.20	8.85	0.22	1.95	0.46	12.1	-95.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	ROW: Standish	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-96S			Date	05-05-2022
Project Name/Location	Ford LTP			Weather	60.1 degrees F and Cloudy. The wind is blowing S at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.52	Total Depth (ft-bmp)	12.1	Water Column (ft.)	7.58	Gallons in Well	1.23
		Pump Intake (ft-bmp)	6.02	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.27		--		
Sample Time: Label	12:12	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	11:37						
Purge End	12:16						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:38	0	200	4.58	0.00	7.38	0.45	3.87	9.04	10.2	115.0	Clear	No Odor
11:43	5	200	4.58	0.26	7.26	0.55	0.31	3.02	9.5	117.6	Clear	No Odor
11:48	5	200	4.58	0.52	7.26	0.58	0.33	1.58	9.6	117.1	Clear	No Odor
11:53	5	200	4.58	0.78	7.29	0.58	0.02	1.19	9.6	116.6	Clear	No Odor
11:58	5	200	4.58	1.04	7.31	0.57	0.02	1.00	9.5	116.7	Clear	No Odor
12:03	5	200	4.58	1.30	7.32	0.57	0.02	1.02	9.5	117.0	Clear	No Odor
12:08	5	200	4.58	1.56	7.33	0.56	0.02	0.97	9.7	117.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-97S			Date	05-18-2022
Project Name/Location	Ford LTP			Weather	55.0 degrees F and Light Drizzle. The wind is blowing E/SE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.41	Total Depth (ft-bmp)	12	Water Column (ft.)	7.59	Gallons in Well	1.23
		Pump Intake (ft-bmp)	5.91	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.05				
Sample Time: Label	13:55	Volume Purged	2.52 gallons	Replicate/Code No.	MW-97S-MS_051822, MW-97S-MSD_051822	Sampled by	Lottie Jay
Purge Start	12:51						
Purge End	14:03						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:55	0	160	4.44	0.00	7.83	0.52	32.70	1.74	11.7	92.5	Small Orange Particulates	No Odor
13:00	5	160	4.44	0.21	7.76	0.54	28.00	1.07	11.5	60.0	Small Orange Particulates	No Odor
13:05	5	160	4.44	0.42	7.78	0.58	10.10	0.87	11.4	30.2	Small Orange Particulates	No Odor
13:10	5	160	4.44	0.63	7.78	0.61	6.06	0.71	11.4	-1.7	Small Orange Particulates	No Odor
13:15	5	160	4.44	0.84	7.77	0.65	4.52	0.68	11.4	-25.0	Small Orange Particulates	No Odor
13:20	5	160	4.44	1.05	7.74	0.70	4.56	0.73	11.3	-55.2	Small Orange Particulates	No Odor
13:25	5	160	4.44	1.26	7.71	0.78	3.63	0.72	11.3	-78.0	Small Orange Particulates	No Odor
13:30	5	160	4.44	1.47	7.70	0.83	3.51	0.75	11.3	-86.1	Small Orange Particulates	No Odor
13:35	5	160	4.44	1.68	7.70	0.86	3.29	0.75	11.3	-85.2	Small Orange Particulates	No Odor
13:40	5	160	4.44	1.89	7.70	0.90	2.61	0.70	11.3	-81.9	Small Orange Particulates	No Odor
13:45	5	160	4.44	2.10	7.69	0.91	1.42	0.70	11.3	-79.0	Clear, Small Orange Particulates	No Odor
13:50	5	160	4.44	2.31	7.69	0.93	1.78	0.70	11.3	-76.7	Clear, Small Orange Particulates	No Odor
13:55	5	160	4.44	2.52	7.69	0.94	1.36	0.70	11.3	-74.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	ROW: Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-98S			Date	05-04-2022
Project Name/Location	Ford LTP			Weather	52.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	0.5	Total Depth (ft-bmp)	12.1	Water Column (ft.)	11.6	Gallons in Well	1.88
		Pump Intake (ft-bmp)	2	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.66				
Sample Time:	Label 11:30	Volume Purged	3.12 gallons	Replicate/Code No.	MW-98S-MS_050422, MW-98S-MSD_050422	Sampled by	Samantha Hindle
	Purge Start 10:18						
	Purge End 11:41						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:24	0	200	0.50	0.00	6.98	0.57	4.61	8.22	11.4	113.3	Clear	No Odor
10:29	5	200	0.50	0.26	7.01	0.57	3.64	2.15	10.8	110.6	Clear	No Odor
10:34	5	200	0.50	0.52	7.05	0.57	3.95	1.49	10.7	98.5	Clear	No Odor
10:39	5	200	0.50	0.78	7.08	0.58	1.55	1.24	10.7	74.8	Clear	No Odor
10:44	5	200	0.50	1.04	7.11	0.60	1.29	1.23	10.5	58.7	Clear	No Odor
10:49	5	200	0.50	1.30	7.15	0.62	0.50	1.78	10.6	47.3	Clear	No Odor
10:54	5	200	0.50	1.56	7.17	0.64	1.86	0.79	10.6	36.3	Clear	No Odor
10:59	5	200	0.50	1.82	7.19	0.68	1.22	0.76	10.6	27.5	Clear	No Odor
11:04	5	200	0.50	2.08	7.20	0.74	1.15	0.71	10.8	21.3	Clear	No Odor
11:09	5	200	0.50	2.34	7.21	0.81	0.56	0.92	10.7	14.7	Clear	No Odor
11:14	5	200	0.50	2.60	7.22	0.86	0.17	0.75	10.8	9.7	Clear	No Odor
11:19	5	200	0.50	2.86	7.23	0.94	1.35	0.70	10.7	-2.2	Clear	No Odor
11:24	5	200	0.50	3.12	7.23	0.94	1.37	0.68	10.8	-2.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Brewster ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-99S			Date	05-17-2022
Project Name/Location	Ford LTP			Weather	57.0 degrees F and Clear. The wind is blowing N at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.37	Total Depth (ft-bmp)	12.85	Water Column (ft.)	7.48	Gallons in Well	1.22
		Pump Intake (ft-bmp)	6.87	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.98				
Sample Time:	Label 11:55	Volume Purged	1.2 gallons	Replicate/Code No.	MW-99S-MS_051722, MW-99S-MSD_051722	Sampled by	Sam Sukaria
	Purge Start 11:17						
	Purge End 12:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	150	5.39	0.00	7.25	2.00	0.02	0.90	13.2	151.2	Clear	No Odor
11:25	5	150	5.39	0.20	7.22	2.13	0.02	0.38	12.8	143.8	Clear	No Odor
11:30	5	150	5.39	0.40	7.22	2.17	0.02	0.41	12.7	126.0	Clear	No Odor
11:35	5	150	5.39	0.60	7.24	2.18	0.02	0.36	12.7	123.8	Clear	No Odor
11:40	5	150	5.39	0.80	7.24	2.18	0.02	0.39	12.5	122.6	Clear	No Odor
11:45	5	150	5.39	1.00	7.24	2.18	0.02	0.36	12.5	119.5	Clear	No Odor
11:50	5	150	5.39	1.20	7.26	2.17	0.02	0.32	12.4	117.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW Belden	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-100S			Date	05-17-2022
Project Name/Location	Ford LTP			Weather	54F, sunny		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.18	Total Depth (ft-bmp)	12.91	Water Column (ft.)	6.73	Gallons in Well	1.09
		Pump Intake (ft-bmp)	7.68	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.72				
Sample Time:	Label 09:05	Volume Purged	0.78 gallons	Replicate/Code No.	MW-100S-MS_051722, MW-100S-MSD_051722	Sampled by	Seth Turner
	Purge Start 08:25						
	Purge End 09:10						

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Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:30	0	100	6.18	0.00	7.17	7.68	1.84	0.47	12.5	159.5	Clear	No Odor
08:35	5	100	6.18	0.13	7.17	7.76	0.02	0.35	12.7	26.5	Clear	No Odor
08:40	5	100	6.18	0.26	7.17	7.76	0.02	0.35	12.7	26.5	Clear	No Odor
08:45	5	100	6.18	0.39	7.17	7.79	0.02	0.29	12.8	-25.1	Clear	No Odor
08:50	5	100	6.19	0.52	7.17	7.80	0.02	0.29	12.8	-26.3	Clear	No Odor
08:55	5	100	6.19	0.65	7.17	7.80	0.02	0.29	12.8	-28.1	Clear	No Odor
09:00	5	100	6.19	0.78	7.17	7.81	0.02	0.27	12.8	-29.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW: Belden	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-101S			Date	05-17-2022
Project Name/Location	Ford LTP			Weather	55.9 degrees F and Mostly Clear.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.9	Total Depth (ft-bmp)	14.05	Water Column (ft.)	6.15	Gallons in Well	1
		Pump Intake (ft-bmp)	9.4	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.2		--		Sam Sukaria
Sample Time:	Label 10:20	Volume Purged	2.2 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:18						
	Purge End 10:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:21	0	150	7.92	0.00	7.28	1.29	58.70	1.48	11.6	108.1	Clear, Small White Particulates	No Odor
09:26	5	150	7.92	0.20	7.38	1.26	51.30	1.09	11.6	51.1	Clear, Small White Particulates	No Odor
09:31	5	150	7.92	0.40	7.43	1.24	39.40	1.00	11.6	23.7	Clear, Small White Particulates	No Odor
09:36	5	150	7.92	0.60	7.47	1.21	26.80	0.92	11.6	8.6	Clear, Small White Particulates	No Odor
09:41	5	150	7.92	0.80	7.51	1.18	18.70	0.87	11.6	1.1	Clear	No Odor
09:46	5	150	7.92	1.00	7.54	1.16	16.80	0.81	11.6	-2.7	Clear, Small White Particulates	No Odor
09:51	5	150	7.92	1.20	7.56	1.15	13.10	0.78	11.6	-6.1	Clear, Small White Particulates	No Odor
09:56	5	150	7.92	1.40	7.58	1.13	11.50	0.75	11.6	-9.8	Clear, Small White Particulates	No Odor
10:01	5	150	7.92	1.60	7.60	1.11	7.91	0.71	11.6	-15.9	Clear, Small White Particulates	No Odor
10:06	5	150	7.92	1.80	7.61	1.09	5.50	0.69	11.6	-18.3	Clear	No Odor
10:11	5	150	7.92	2.00	7.63	1.09	4.29	0.72	11.6	-15.8	Clear, Small White Particulates	No Odor
10:16	5	150	7.92	2.20	7.65	1.06	4.95	0.67	11.6	-26.0	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW: Belden	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-102			Date	05-20-2022
Project Name/Location	Ford LTP			Weather	68.0 degrees F and Cloudy. The wind is blowing S/SE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10.0-15.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	0.92	Total Depth (ft-bmp)	14.65	Water Column (ft.)	13.73	Gallons in Well	2.23
		Pump Intake (ft-bmp)	12.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.72		--		Sam Sukaria
Sample Time:	Label 10:10	Volume Purged	1.6 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:25						
	Purge End 10:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:27	0	150	0.95	0.00	6.75	8.20	9.56	0.63	12.7	-10.5	Clear, Small Orange Particulates	No Odor
09:32	5	150	0.95	0.20	6.91	8.20	9.63	0.19	12.7	-71.1	Clear, Small Orange Particulates	No Odor
09:37	5	150	0.95	0.40	6.93	8.17	6.79	0.15	12.5	-83.7	Clear, Small Orange Particulates	No Odor
09:42	5	150	0.95	0.60	6.94	8.13	6.80	0.14	12.6	-88.8	Clear, Small Orange Particulates	No Odor
09:47	5	150	0.95	0.80	6.94	8.10	6.70	0.13	12.5	-91.2	Clear, Small Orange Particulates	No Odor
09:52	5	150	0.95	1.00	6.95	8.08	6.95	0.12	12.4	-92.7	Clear, Small Orange Particulates	No Odor
09:57	5	150	0.95	1.20	6.95	8.06	4.56	0.12	12.2	-93.3	Clear, Small Orange Particulates	No Odor
10:02	5	150	0.95	1.40	6.95	8.06	1.99	0.11	12.3	-94.5	Clear, Small Orange Particulates	No Odor
10:07	5	150	0.95	1.60	6.95	8.06	3.08	0.10	12.3	-95.2	Clear, Small Orange Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW: Rosati	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-102S			Date	05-20-2022
Project Name/Location	Ford LTP			Weather	69.1 degrees F and Cloudy. The wind is blowing S at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.09	Total Depth (ft-bmp)	11.35	Water Column (ft.)	10.26	Gallons in Well	1.67
		Pump Intake (ft-bmp)	2.59	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.44		--		Sam Sukaria
Sample Time:	Label 11:40	Volume Purged	2.4 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:37						
	Purge End 11:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:39	0	150	1.10	0.00	7.39	2.25	0.02	0.96	18.5	30.9	Clear	No Odor
10:44	5	150	1.10	0.20	7.26	2.53	0.02	0.10	17.8	7.1	Clear	No Odor
10:49	5	150	1.10	0.40	7.17	2.71	0.02	0.07	17.2	3.9	Clear	No Odor
10:54	5	150	1.10	0.60	7.16	2.82	0.02	0.08	17.0	3.6	Clear	No Odor
10:59	5	150	1.10	0.80	7.16	2.92	0.02	0.10	16.8	5.1	Clear	No Odor
11:04	5	150	1.10	1.00	7.14	3.27	0.02	0.08	16.9	9.0	Clear	No Odor
11:09	5	150	1.10	1.20	7.12	3.36	0.02	0.08	16.6	12.3	Clear	No Odor
11:14	5	150	1.10	1.40	7.11	3.45	0.02	0.09	16.6	15.4	Clear	No Odor
11:19	5	150	1.10	1.60	7.08	3.63	0.02	0.08	16.6	17.4	Clear	No Odor
11:24	5	150	1.10	1.80	7.05	3.71	0.02	0.08	16.6	13.0	Clear	No Odor
11:29	5	150	1.10	2.00	7.05	3.76	0.02	0.07	16.6	2.0	Clear	No Odor
11:34	5	150	1.10	2.20	7.05	3.75	0.02	0.07	16.6	-4.5	Clear	No Odor
11:39	5	150	1.10	2.40	7.05	3.79	0.02	0.07	16.7	-12.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW: Rosati	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-105S			Date	05-05-2022
Project Name/Location	Ford LTP			Weather	60.1 degrees F and Cloudy. The wind is blowing E at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.8	Total Depth (ft-bmp)	11.74	Water Column (ft.)	9.94	Gallons in Well	1.62
		Pump Intake (ft-bmp)	3.3	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.26				
Sample Time:	Label 17:31	Volume Purged	2.04 gallons	Replicate/Code No.	fW-105S-MS_050522, MW-105S-MSD_05052	Sampled by	Gary Schafer
	Purge Start 16:27						
	Purge End 17:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:30	0	125	1.82	0.00	6.71	1.23	68.50	1.80	11.2	55.3	Clear, Small Orange Particulates	No Odor
16:35	5	125	1.82	0.17	6.67	1.28	41.20	0.66	10.9	51.9	Clear, Small Orange Particulates	No Odor
16:40	5	125	1.82	0.34	6.69	1.35	29.10	0.41	10.7	44.2	Clear, Small Orange Particulates	No Odor
16:45	5	125	1.84	0.51	6.72	1.53	20.70	0.30	10.7	32.2	Clear, Small Orange Particulates	No Odor
16:50	5	125	1.84	0.68	6.78	1.86	16.80	0.36	10.8	14.9	Clear	No Odor
16:55	5	125	1.84	0.85	6.83	2.23	15.40	0.28	10.8	2.8	Clear	No Odor
17:00	5	125	1.84	1.02	6.89	2.97	9.77	0.35	10.9	-11.5	Clear	No Odor
17:05	5	125	1.84	1.19	6.97	3.40	9.97	0.27	10.9	-23.5	Clear	No Odor
17:10	5	125	1.84	1.36	7.00	3.68	9.57	0.27	10.9	-31.0	Clear	No Odor
17:15	5	125	1.84	1.53	7.05	3.80	7.16	0.28	10.9	-38.0	Clear	No Odor
17:20	5	125	1.84	1.70	7.07	4.03	5.79	0.27	10.8	-42.1	Clear	No Odor
17:25	5	125	1.84	1.87	7.10	4.16	5.10	0.28	10.8	-46.6	Clear	No Odor
17:30	5	125	1.84	2.04	7.11	4.18	4.03	0.27	10.7	-49.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-106S			Date	05-09-2022
Project Name/Location	Ford LTP			Weather	69.1 degrees F and Mostly Clear.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.43	Total Depth (ft-bmp)	11.85	Water Column (ft.)	9.42	Gallons in Well	1.53
		Pump Intake (ft-bmp)	3.93	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.19				
Sample Time:	Label 16:10	Volume Purged	1.82 gallons	Replicate/Code No.	fW-106S-MS_050922, MW-106S-MSD_05092	Sampled by	Samantha Hindle
	Purge Start 15:25						
	Purge End 16:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:26	0	200	2.56	0.00	7.48	0.45	3.36	6.17	13.2	78.8	Clear	No Odor
15:31	5	200	2.56	0.26	7.46	0.45	5.72	5.78	13.5	78.2	Clear	No Odor
15:36	5	200	2.56	0.52	7.41	0.45	2.96	4.33	12.9	77.5	Clear	No Odor
15:41	5	200	2.58	0.78	7.40	0.45	1.57	4.29	12.7	77.2	Clear	No Odor
15:46	5	200	2.58	1.04	7.38	0.45	0.55	4.48	12.6	77.1	Clear	No Odor
15:51	5	200	2.58	1.30	7.37	0.45	0.47	4.30	12.9	77.0	Clear	No Odor
15:56	5	200	2.58	1.56	7.36	0.45	0.51	4.02	12.8	76.9	Clear	No Odor
16:01	5	200	2.58	1.82	7.35	0.45	0.02	4.00	12.9	76.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Fair,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-107S			Date	05-19-2022
Project Name/Location	Ford LTP			Weather	68.0 degrees F and Mostly Cloudy. The wind is blowing SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.15	Total Depth (ft-bmp)	12.14	Water Column (ft.)	6.99	Gallons in Well	1.14
		Pump Intake (ft-bmp)	6.65	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.04		--		Gary Schafer
Sample Time:	Label 12:26	Volume Purged	1.19 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:47						
	Purge End 12:34						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:50	0	125	5.38	0.00	7.22	0.47	3.59	1.28	12.6	99.1	Clear	No Odor
11:55	5	125	5.36	0.17	7.19	0.46	4.05	0.74	12.1	79.9	Clear	No Odor
12:00	5	125	5.40	0.34	7.24	0.46	2.98	0.49	12.2	38.0	Clear	No Odor
12:05	5	125	5.45	0.51	7.26	0.46	1.91	0.40	12.1	-67.5	Clear	No Odor
12:10	5	125	5.46	0.68	7.27	0.47	2.07	0.32	11.8	-89.9	Clear	No Odor
12:15	5	125	5.48	0.85	7.31	0.47	2.48	0.27	11.7	-95.5	Clear	No Odor
12:20	5	125	5.49	1.02	7.32	0.46	1.83	0.28	11.8	-100.1	Clear	No Odor
12:25	5	125	5.50	1.19	7.36	0.47	2.65	0.32	11.9	-101.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW: Capitol	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-108S			Date	05-18-2022
Project Name/Location	Ford LTP			Weather	53.1 degrees F and Light Rain. The wind is blowing E at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.37	Total Depth (ft-bmp)	12.22	Water Column (ft.)	8.85	Gallons in Well	1.44
		Pump Intake (ft-bmp)	4.87	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.25		--		Sam Sukaria
Sample Time:	Label 10:12	Volume Purged	1.8 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:23						
	Purge End 10:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:25	0	150	3.46	0.00	6.98	1.64	0.02	1.96	13.0	249.8	Clear, Small Orange Particulates	No Odor
09:30	5	150	3.48	0.20	7.01	1.72	0.02	1.60	12.5	245.7	Clear, Small Orange Particulates	No Odor
09:35	5	150	3.48	0.40	6.99	1.80	0.02	1.47	12.2	23.0	Clear	No Odor
09:40	5	150	3.48	0.60	7.00	1.88	0.02	1.42	11.9	-27.0	Clear	No Odor
09:45	5	150	3.49	0.80	7.02	1.95	0.02	1.41	11.8	-34.9	Clear	No Odor
09:50	5	150	3.48	1.00	7.03	1.98	0.02	1.24	11.7	-40.0	Clear	No Odor
09:55	5	150	3.48	1.20	7.04	2.02	0.02	1.12	11.7	-42.9	Clear	No Odor
10:00	5	150	3.48	1.40	7.06	2.03	0.02	0.70	11.7	-45.5	Clear	No Odor
10:05	5	150	3.48	1.60	7.07	2.05	0.02	0.64	11.6	-47.9	Clear	No Odor
10:10	5	150	3.48	1.80	7.07	2.06	0.02	0.65	11.6	-49.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW: Rosati	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-131S			Date	05-05-2022
Project Name/Location	Ford LTP			Weather	61.0 degrees F and Cloudy. The wind is blowing SE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.41	Total Depth (ft-bmp)	12.67	Water Column (ft.)	9.26	Gallons in Well	1.5
		Pump Intake (ft-bmp)	4.91	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.13		--		Gary Schafer
Sample Time:	Label 16:01	Volume Purged	1.7 gallons	Replicate/Code No.		Sampled by	
	Purge Start 15:07						
	Purge End 16:08						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:10	0	125	3.44	0.00	6.92	3.22	4.97	1.15	10.7	-16.4	Clear	No Odor
15:15	5	125	3.44	0.17	6.97	3.26	5.67	0.55	10.7	-26.3	Clear	No Odor
15:20	5	125	3.45	0.34	7.01	3.32	5.24	0.38	10.6	-32.3	Clear	No Odor
15:25	5	125	3.45	0.51	7.04	3.43	5.14	0.37	10.5	-36.3	Clear	No Odor
15:30	5	125	3.45	0.68	7.09	3.59	6.46	0.34	10.5	-41.5	Clear	No Odor
15:35	5	125	3.45	0.85	7.11	3.64	5.91	0.40	10.5	-42.4	Clear	No Odor
15:40	5	125	3.45	1.02	7.14	3.62	3.73	0.60	10.6	-41.5	Clear	No Odor
15:45	5	125	3.45	1.19	7.17	3.59	4.40	0.78	10.6	-39.0	Clear	No Odor
15:50	5	125	3.45	1.36	7.18	3.62	2.70	0.97	10.5	-36.6	Clear	No Odor
15:55	5	125	3.45	1.53	7.19	3.67	3.13	1.01	10.5	-37.5	Clear	No Odor
16:00	5	125	3.45	1.70	7.21	3.68	3.35	1.04	10.6	-37.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-132S			Date	05-05-2022
Project Name/Location	Ford LTP			Weather	60.1 degrees F and Cloudy. The wind is blowing S at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.92	Total Depth (ft-bmp)	12.35	Water Column (ft.)	7.43	Gallons in Well	1.21
		Pump Intake (ft-bmp)	6.42	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.37		--		Gary Schafer
Sample Time:	Label 14:31	Volume Purged	1.66 gallons	Replicate/Code No.		Sampled by	
	Purge Start 13:38						
	Purge End 14:36						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:40	0	100	4.94	0.00	6.94	3.45	27.50	5.12	10.9	56.3	Clear	No Odor
13:45	5	125	4.93	0.13	7.11	3.41	20.50	4.36	11.0	38.8	Clear	No Odor
13:50	5	125	4.93	0.30	7.31	3.33	13.30	3.82	11.0	21.3	Clear	No Odor
13:55	5	125	4.93	0.47	7.37	3.29	10.70	3.80	10.9	17.7	Clear	No Odor
14:00	5	125	4.93	0.64	7.41	3.26	8.31	3.57	10.8	16.3	Clear	No Odor
14:05	5	125	4.93	0.81	7.43	3.25	7.59	3.41	10.9	16.3	Clear	No Odor
14:10	5	125	4.93	0.98	7.45	3.23	5.72	3.43	10.8	17.3	Clear	No Odor
14:15	5	125	4.93	1.15	7.46	3.21	5.54	3.11	10.9	18.5	Clear	No Odor
14:20	5	125	4.93	1.32	7.46	3.21	4.74	3.18	10.9	20.6	Clear	No Odor
14:25	5	125	4.93	1.49	7.46	3.21	4.20	3.28	10.9	22.3	Clear	No Odor
14:30	5	125	4.93	1.66	7.47	3.20	3.28	3.18	10.8	25.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-133S			Date	05-09-2022
Project Name/Location	Ford LTP			Weather	56F, sunny		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.0-9.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.19	Total Depth (ft-bmp)	8.48	Water Column (ft.)	4.29	Gallons in Well	0.7
		Pump Intake (ft-bmp)	5.69	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.11		--		Seth Turner
Sample Time: Label	10:40	Volume Purged	0.78 gallons	Replicate/Code No.		Sampled by	
Purge Start	10:00						
Purge End	10:50						

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Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:05	0	100	4.20	0.00	7.10	0.65	7.43	4.01	11.4	140.8	Clear	No Odor
10:10	5	100	4.20	0.13	7.10	0.65	0.02	4.01	11.4	140.8	Clear	No Odor
10:15	5	100	4.20	0.26	7.12	0.63	0.02	2.21	11.2	133.9	Clear	No Odor
10:20	5	100	4.21	0.39	7.10	0.64	0.02	2.20	11.2	130.1	Clear	No Odor
10:25	5	100	4.21	0.52	7.10	0.64	0.02	2.20	11.2	128.8	Clear	No Odor
10:30	5	100	4.21	0.65	7.10	0.63	0.02	2.20	11.2	125.3	Clear	No Odor
10:35	5	100	4.21	0.78	7.10	0.63	0.02	2.20	11.2	122.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	Stark ROW.	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-134S			Date	05-13-2022
Project Name/Location	Ford LTP			Weather	68.0 degrees F and Mostly Cloudy. The wind is blowing S/SW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.0-10.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.13	Total Depth (ft-bmp)	9.42	Water Column (ft.)	3.29	Gallons in Well	0.53
		Pump Intake (ft-bmp)	7.63	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.25		--		Gary Schafer
Sample Time:	Label 10:41	Volume Purged	1.19 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:03						
	Purge End 11:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:05	0	125	6.16	0.00	6.94	0.38	0.02	4.06	11.8	203.8	Clear	No Odor
10:10	5	125	6.16	0.17	6.95	0.42	0.59	1.53	11.8	198.4	Clear	No Odor
10:15	5	125	6.16	0.34	7.05	0.45	0.95	0.81	11.7	184.1	Clear	No Odor
10:20	5	125	6.16	0.51	7.14	0.45	0.66	0.71	12.0	172.5	Clear	No Odor
10:25	5	125	6.16	0.68	7.21	0.45	0.51	0.74	11.8	164.1	Clear	No Odor
10:30	5	125	6.16	0.85	7.26	0.46	0.36	0.70	11.9	156.0	Clear	No Odor
10:35	5	125	6.16	1.02	7.28	0.45	0.61	0.71	11.9	150.0	Clear	No Odor
10:40	5	125	6.16	1.19	7.32	0.45	0.91	0.69	11.8	146.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-135S			Date	05-19-2022
Project Name/Location	Ford LTP			Weather	70.0 degrees F and Cloudy. The wind is blowing W/SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.0-10.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.3	Total Depth (ft-bmp)	9.68	Water Column (ft.)	4.38	Gallons in Well	0.71
		Pump Intake (ft-bmp)	6.8	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.44		--		Gary Schafer
Sample Time:	Label 13:41	Volume Purged	1.02 gallons	Replicate/Code No.		Sampled by	
	Purge Start 13:07						
	Purge End 13:49						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:10	0	125	5.32	0.00	7.01	0.52	1.27	2.02	11.7	86.8	Clear, Small Orange Particulates	No Odor
13:15	5	125	5.32	0.17	7.04	0.51	0.84	1.23	11.5	7.2	Clear	No Odor
13:20	5	125	5.32	0.34	7.08	0.51	0.83	1.07	11.5	-23.3	Clear	No Odor
13:25	5	125	5.32	0.51	7.11	0.51	1.78	0.95	11.4	-32.3	Clear	No Odor
13:30	5	125	5.32	0.68	7.14	0.51	1.66	0.91	11.6	-37.9	Clear	No Odor
13:35	5	125	5.32	0.85	7.16	0.51	1.38	0.83	11.4	-43.5	Clear	No Odor
13:40	5	125	5.32	1.02	7.17	0.51	1.46	0.86	11.4	-44.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-136S			Date	05-18-2022
Project Name/Location	Ford LTP			Weather	55.0 degrees F and Light Drizzle. The wind is blowing E/SE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.89	Total Depth (ft-bmp)	7	Water Column (ft.)	4.11	Gallons in Well	0.67
		Pump Intake (ft-bmp)	4.39	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.79		--		Sam Sukaria
Sample Time:	Label 13:32	Volume Purged	1.2 gallons	Replicate/Code No.		Sampled by	
	Purge Start 12:55						
	Purge End 13:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:00	0	150	3.00	0.00	7.18	1.25	35.20	0.40	10.9	-28.3	Clear, Small Orange Particulates	No Odor
13:05	5	150	3.03	0.20	7.20	1.24	14.60	0.40	10.8	-42.4	Clear, Small Orange Particulates	No Odor
13:10	5	150	3.03	0.40	7.22	1.26	0.02	0.29	10.8	-46.6	Clear, Small White Particulates	No Odor
13:15	5	150	3.03	0.60	7.24	1.27	0.02	0.23	10.8	-50.8	Clear, Small White Particulates	No Odor
13:20	5	150	3.03	0.80	7.26	1.26	0.02	0.23	10.7	-54.4	Clear, Small White Particulates	No Odor
13:25	5	150	3.03	1.00	7.27	1.27	0.02	0.18	10.7	-54.7	Clear	No Odor
13:30	5	150	3.03	1.20	7.28	1.27	0.02	0.18	10.7	-55.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Capitol ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-137S			Date	05-20-2022
Project Name/Location	Ford LTP			Weather	69.1 degrees F and Cloudy. The wind is blowing S at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.13	Total Depth (ft-bmp)	7.04	Water Column (ft.)	4.91	Gallons in Well	0.8
		Pump Intake (ft-bmp)	3.63	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.15		--		Lottie Jay
Sample Time:	Label 11:20	Volume Purged	1.72 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:43						
	Purge End 11:21						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:45	0	260	2.21	0.00	7.22	0.99	1.19	0.54	12.1	67.9	Small White Particulates	No Odor
10:50	5	260	2.21	0.34	7.24	1.30	0.94	0.32	11.8	-0.3	Small White Particulates	No Odor
10:55	5	200	2.21	0.68	7.25	1.36	0.02	0.40	11.6	-25.8	Clear, Small Orange Particulates	No Odor
11:00	5	200	2.21	0.94	7.26	1.41	0.32	0.44	11.8	-38.4	Small Orange Particulates, Small White Particulates	No Odor
11:05	5	200	2.21	1.20	7.26	1.41	0.70	0.34	11.9	-47.3	Clear, Small White Particulates	No Odor
11:10	5	200	2.21	1.46	7.26	1.43	2.07	0.30	11.9	-52.6	Clear, Small White Particulates	No Odor
11:15	5	200	2.21	1.72	7.26	1.44	3.37	0.28	12.0	-56.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW: Brewster	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-138S			Date	05-20-2022
Project Name/Location	Ford LTP			Weather	69.1 degrees F and Cloudy. The wind is blowing S at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	0.83	Total Depth (ft-bmp)	5.97	Water Column (ft.)	5.14	Gallons in Well	0.84
		Pump Intake (ft-bmp)	2.33	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.75				
Sample Time:	Label 10:15	Volume Purged	2.31 gallons	Replicate/Code No.	DUP-12	Sampled by	Lottie Jay
	Purge Start 09:30						
	Purge End 10:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:35	0	250	0.89	0.00	7.14	2.48	16.40	0.59	14.3	17.6	Small Orange Particulates	No Odor
09:40	5	250	0.89	0.33	7.22	2.59	10.10	0.63	14.0	-33.8	Small Orange Particulates	No Odor
09:45	5	250	0.89	0.66	7.28	2.61	6.40	0.74	13.7	-59.4	Small Orange Particulates	No Odor
09:50	5	250	0.89	0.99	7.30	2.62	4.11	0.65	13.5	-71.6	Small Orange Particulates	No Odor
09:55	5	250	0.89	1.32	7.31	2.61	2.22	0.55	13.6	-78.7	Small Orange Particulates	No Odor
10:00	5	250	0.89	1.65	7.31	2.61	2.44	0.49	13.5	-83.3	Small Orange Particulates	No Odor
10:05	5	250	0.89	1.98	7.32	2.60	2.47	0.46	13.6	-86.9	Small Orange Particulates	No Odor
10:10	5	250	0.89	2.31	7.32	2.60	1.53	0.42	13.6	-89.7	Small Orange Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
1" = 0.04	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*
3.5" = 0.50	*4" = 0.65*	*6" = 1.47*			

Well Information

Well Location:	ROW: Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-139S			Date	05-17-2022
Project Name/Location	Ford LTP			Weather	53 degrees F and cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.9	Total Depth (ft-bmp)	6.9	Water Column (ft.)	5	Gallons in Well	0.81
		Pump Intake (ft-bmp)	3.4	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.47				
Sample Time: Label	12:05	Volume Purged	1.19 gallons	Replicate/Code No.	DUP-15	Sampled by	Christian Garrido
Purge Start	11:25						
Purge End	12:11						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:30	0	130	1.90	0.00	7.21	0.72	34.00	0.92	13.1	-23.6	Clear, Small Brown Particulates	No Odor
11:35	5	130	2.00	0.17	7.25	0.75	27.10	0.51	12.7	-39.0	Clear, Small Brown Particulates	No Odor
11:40	5	130	2.00	0.34	7.28	0.73	15.90	0.36	12.2	-47.8	Clear, Small Orange Particulates	No Odor
11:45	5	130	2.00	0.51	7.27	0.76	1.95	0.27	12.7	-53.5	Clear, Small Orange Particulates	No Odor
11:50	5	130	2.00	0.68	7.28	0.77	0.96	0.23	12.7	-55.7	Clear, Small Orange Particulates	No Odor
11:55	5	130	2.10	0.85	7.30	0.78	0.41	0.19	12.0	-62.0	Clear, Small Orange Particulates	No Odor
12:00	5	130	2.10	1.02	7.30	0.78	0.02	0.20	12.0	-62.4	Clear	No Odor
12:05	5	130	2.10	1.19	7.30	0.78	0.02	0.19	12.0	-62.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW: Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-140S			Date	05-17-2022
Project Name/Location	Ford LTP			Weather	53 degrees F and cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.1	Total Depth (ft-bmp)	6.5	Water Column (ft.)	3.4	Gallons in Well	0.55
		Pump Intake (ft-bmp)	4.6	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.67		--		
Sample Time:	Label 11:10	Volume Purged	2.02 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 10:06						
	Purge End 11:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:10	0	130	3.10	0.00	7.34	0.18	0.02	5.54	11.7	269.7	Clear	No Odor
10:15	5	130	3.10	0.17	7.29	0.19	0.02	5.08	11.4	278.5	Clear	No Odor
10:20	5	130	3.20	0.34	7.36	0.20	0.02	4.15	11.4	274.8	Clear	No Odor
10:25	5	130	3.20	0.51	7.52	0.22	0.02	3.36	11.4	259.9	Clear	No Odor
10:30	5	130	3.20	0.68	7.62	0.23	0.02	3.01	11.4	243.0	Clear	No Odor
10:35	5	120	3.20	0.85	7.66	0.23	0.02	2.54	11.4	216.3	Clear	No Odor
10:40	5	130	3.20	1.01	7.67	0.25	0.02	2.38	11.4	185.3	Clear	No Odor
10:45	5	130	3.20	1.18	7.64	0.28	0.02	2.16	11.4	131.7	Clear	No Odor
10:50	5	130	3.20	1.35	7.63	0.29	0.02	2.06	11.4	94.1	Clear	No Odor
10:55	5	130	3.20	1.52	7.62	0.32	0.02	2.01	11.4	68.9	Clear	No Odor
11:00	5	130	3.20	1.69	7.63	0.33	0.02	1.94	11.5	59.0	Clear	No Odor
11:05	5	120	3.20	1.86	7.62	0.34	0.02	1.78	11.6	46.3	Clear	No Odor
11:10	5	130	3.20	2.02	7.62	0.35	0.02	1.79	11.6	50.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-141S			Date	05-09-2022
Project Name/Location	Ford LTP			Weather	53 degrees F and sunny. Wind E at 2.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-8.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.8	Total Depth (ft-bmp)	7.7	Water Column (ft.)	3.9	Gallons in Well	0.63
		Pump Intake (ft-bmp)	5.3	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.57		--		
Sample Time:	Label 10:45	Volume Purged	0.99 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 10:12						
	Purge End 10:52						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	130	4.30	0.00	7.36	0.38	0.02	7.29	11.3	156.4	Clear	No Odor
10:20	5	130	4.40	0.17	7.39	0.38	0.02	7.13	11.3	154.7	Clear	No Odor
10:25	5	130	4.50	0.34	7.35	0.40	0.02	6.95	11.2	147.3	Clear	No Odor
10:30	5	120	4.40	0.51	7.35	0.41	0.02	6.94	11.2	142.4	Clear	No Odor
10:35	5	120	4.40	0.67	7.35	0.41	0.02	6.59	11.2	136.7	Clear	No Odor
10:40	5	120	4.40	0.83	7.34	0.41	0.02	6.35	11.2	136.0	Clear	No Odor
10:45	5	120	4.40	0.99	7.33	0.42	0.02	6.02	11.2	133.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW: Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-142S			Date	05-18-2022
Project Name/Location	Ford LTP			Weather	54.0 degrees F and Light Rain. The wind is blowing E at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.77	Total Depth (ft-bmp)	6.75	Water Column (ft.)	2.98	Gallons in Well	0.48
		Pump Intake (ft-bmp)	5.27	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.38		--		Sam Sukaria
Sample Time:	Label 11:47	Volume Purged	1.62 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:57						
	Purge End 11:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:00	0	140	3.80	0.00	6.97	1.20	0.02	1.25	11.2	85.7	Clear, Small White Particulates	No Odor
11:05	5	140	3.80	0.18	7.00	1.21	0.02	1.41	11.2	85.9	Clear	No Odor
11:10	5	140	3.80	0.36	7.02	1.19	0.02	1.31	11.2	83.5	Clear	No Odor
11:15	5	140	3.80	0.54	7.01	1.18	0.02	1.36	11.2	82.8	Clear	No Odor
11:20	5	140	3.80	0.72	7.00	1.16	0.02	1.26	11.2	68.7	Clear	No Odor
11:25	5	140	3.80	0.90	7.01	1.15	0.02	1.20	11.2	48.9	Clear	No Odor
11:30	5	140	3.80	1.08	7.00	1.14	0.02	1.21	11.3	38.5	Clear	No Odor
11:35	5	140	3.80	1.26	7.01	1.13	0.02	1.19	11.2	31.7	Clear	No Odor
11:40	5	140	3.80	1.44	7.00	1.11	0.02	1.17	11.3	26.6	Clear	No Odor
11:45	5	140	3.80	1.62	7.00	1.11	0.02	1.15	11.3	22.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments Water in well head; removed prior to removal of tight J-plug

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW: Rosati	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-192S			Date	05-19-2022
Project Name/Location	Ford LTP			Weather	73.0 degrees F and Mostly Cloudy. The wind is blowing W/SW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.67	Total Depth (ft-bmp)	7.65	Water Column (ft.)	5.98	Gallons in Well	0.97
		Pump Intake (ft-bmp)	3.17	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.22				
Sample Time: Label	14:55	Volume Purged	3.12 gallons	Replicate/Code No.	fW-192S-MS_051922, MW-192S-MSD_05192	Sampled by	Lottie Jay
Purge Start	13:51						
Purge End	15:03						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:55	0	200	1.85	0.00	7.61	0.50	0.50	3.53	13.6	92.7	Small Orange Particulates	No Odor
14:00	5	200	1.85	0.26	7.65	0.51	0.86	2.46	13.0	78.9	Small Orange Particulates	No Odor
14:05	5	200	1.85	0.52	7.69	0.58	2.69	1.71	12.5	64.6	Small Orange Particulates	No Odor
14:10	5	200	1.85	0.78	7.65	0.79	3.93	1.39	12.3	44.7	Small Orange Particulates	No Odor
14:15	5	200	1.85	1.04	7.60	0.98	6.12	1.25	12.2	-8.7	Small Orange Particulates	No Odor
14:20	5	200	1.85	1.30	7.60	1.07	3.30	1.20	12.2	-30.4	Small Orange Particulates	No Odor
14:25	5	200	1.85	1.56	7.60	1.12	3.06	1.19	12.1	-39.7	Small Orange Particulates	No Odor
14:30	5	200	1.85	1.82	7.60	1.18	1.25	1.08	12.0	-52.6	Small Orange Particulates	No Odor
14:35	5	200	1.85	2.08	7.59	1.19	1.51	1.14	12.1	-62.9	Small Orange Particulates	No Odor
14:40	5	200	1.85	2.34	7.59	1.19	1.48	1.14	12.0	-73.8	Clear	No Odor
14:45	5	200	1.85	2.60	7.59	1.22	2.31	1.09	12.0	-79.0	Clear	No Odor
14:50	5	200	1.85	2.86	7.58	1.23	1.15	1.04	12.1	-83.5	Clear	No Odor
14:55	5	200	1.85	3.12	7.58	1.24	0.40	1.05	12.0	-84.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	ROW: Brewster	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-204			Date	05-11-2022
Project Name/Location		Ford LTP		Weather	60 degrees and cloudy. Wind blowing E at 4.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12.0-17.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.3	Total Depth (ft-bmp)	16.7	Water Column (ft.)	11.4	Gallons in Well	1.85
		Pump Intake (ft-bmp)	14.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.55		--		
Sample Time: Label	10:05	Volume Purged	1.02 gallons	Replicate/Code No.		Sampled by	Christian Garrido
Purge Start	09:31						
Purge End	10:11						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:35	0	130	5.30	0.00	7.72	1.36	25.60	0.47	11.1	46.7	Clear, Small Orange Particulates	No Odor
09:40	5	130	5.40	0.17	7.72	1.36	19.60	0.42	11.1	45.3	Clear, Small Orange Particulates	No Odor
09:45	5	130	5.40	0.34	7.72	1.36	3.91	0.27	11.0	34.2	Clear	No Odor
09:50	5	130	5.50	0.51	7.66	1.37	2.75	0.30	11.1	31.4	Clear	No Odor
09:55	5	130	5.50	0.68	7.67	1.36	0.02	0.32	11.1	26.5	Clear	No Odor
10:00	5	130	5.50	0.85	7.67	1.35	0.02	0.24	11.1	22.8	Clear	No Odor
10:05	5	130	5.50	1.02	7.66	1.33	0.02	0.24	11.2	19.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Levan ROW	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-204S			Date	05-11-2022
Project Name/Location	Ford LTP			Weather	60 degrees and cloudy. Wind blowing E at 4.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.0-9.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.35	Total Depth (ft-bmp)	8.7	Water Column (ft.)	3.35	Gallons in Well	0.54
		Pump Intake (ft-bmp)	6.85	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.11		--		
Sample Time: Label	09:25	Volume Purged	1.68 gallons	Replicate/Code No.		Sampled by	Christian Garrido
Purge Start	08:31						
Purge End	09:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:35	0	120	5.40	0.00	7.08	1.07	233.00	1.69	10.7	161.2	Cloudy, Orange	Faint Odor
08:40	5	120	5.40	0.16	7.13	1.07	129.00	1.39	10.7	144.2	Cloudy, Orange	Faint Odor
08:45	5	130	5.50	0.32	7.22	1.06	85.50	1.20	10.5	110.9	Cloudy, Small Orange Particulates	Faint Odor
08:50	5	130	5.60	0.49	7.24	1.06	58.50	1.15	10.5	100.2	Clear, Small Orange Particulates	Faint Odor
08:55	5	130	5.60	0.66	7.29	1.06	13.70	0.94	10.4	83.2	Clear, Small Orange Particulates	No Odor
09:00	5	130	5.60	0.83	7.37	1.08	4.28	1.11	10.3	65.7	Clear, Small Orange Particulates	No Odor
09:05	5	130	5.70	1.00	7.40	1.07	0.02	0.92	10.3	36.7	Clear	No Odor
09:10	5	130	5.70	1.17	7.43	1.07	0.02	0.94	10.2	20.5	Clear	No Odor
09:15	5	130	5.70	1.34	7.44	1.07	0.02	0.95	10.2	8.8	Clear	No Odor
09:20	5	130	5.70	1.51	7.45	1.06	0.02	0.90	10.1	4.6	Clear	No Odor
09:25	5	130	5.70	1.68	7.46	1.07	0.02	0.89	10.2	2.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW Levan	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-205			Date	05-11-2022
Project Name/Location	Ford LTP			Weather	60 degrees and cloudy. Wind blowing E at 4.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12.0-17.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.9	Total Depth (ft-bmp)	15.6	Water Column (ft.)	8.7	Gallons in Well	1.41
		Pump Intake (ft-bmp)	14.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.89		--		
Sample Time:	Label 11:00	Volume Purged	1.25 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 10:21						
	Purge End 11:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:25	0	130	6.90	0.00	7.52	0.86	19.80	0.64	12.4	54.6	Clear	No Odor
10:30	5	140	7.10	0.17	7.52	0.86	16.50	0.61	12.4	50.8	Clear	No Odor
10:35	5	140	7.10	0.35	7.52	0.87	10.50	0.59	12.1	34.2	Clear	No Odor
10:40	5	140	7.20	0.53	7.52	0.90	8.42	0.53	12.1	15.2	Clear	No Odor
10:45	5	140	7.20	0.71	7.51	0.91	4.67	0.55	12.1	-7.2	Clear	No Odor
10:50	5	140	7.20	0.89	7.50	0.91	2.94	0.56	12.1	-16.2	Clear	No Odor
10:55	5	140	7.10	1.07	7.50	0.91	0.02	0.57	12.2	-23.8	Clear	No Odor
11:00	5	140	7.10	1.25	7.50	0.91	0.02	0.58	12.3	-26.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW Levan	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-205S			Date	05-11-2022
Project Name/Location	Ford LTP			Weather	60 degrees and cloudy. Wind blowing E at 4.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.8	Total Depth (ft-bmp)	9	Water Column (ft.)	2.2	Gallons in Well	0.36
		Pump Intake (ft-bmp)	8.3	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.67		--		
Sample Time:	Label 11:40	Volume Purged	0.96 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 11:06						
	Purge End 11:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	120	6.80	0.00	7.27	2.76	98.40	7.52	12.3	26.2	Cloudy	No Odor
11:15	5	120	6.90	0.16	7.48	2.63	54.70	3.17	12.2	-2.5	Clear	No Odor
11:20	5	120	6.90	0.32	7.62	2.53	22.60	3.55	12.1	-40.6	Clear	No Odor
11:25	5	120	6.90	0.48	7.64	2.53	0.13	3.86	12.0	-47.7	Clear	No Odor
11:30	5	120	6.90	0.64	7.66	2.53	0.05	3.91	12.1	-49.3	Clear	No Odor
11:35	5	120	7.00	0.80	7.69	2.54	0.02	3.98	12.0	-46.5	Clear	No Odor
11:40	5	120	7.00	0.96	7.70	2.56	0.02	4.10	11.9	-44.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
cis-1,2-DCE, trans-1,2-DCE, TCE, VC	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	ROW Levan	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-226			Date	05-04-2022
Project Name/Location	Ford LTP			Weather	49 degrees F and cloudy. Wind blowing E at 7.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	13.0-18.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.5	Total Depth (ft-bmp)	17.9	Water Column (ft.)	9.4	Gallons in Well	1.53
		Pump Intake (ft-bmp)	15.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.67				
Sample Time: Label	10:20	Volume Purged	1.02 gallons	Replicate/Code No.	DUP-11	Sampled by	Christian Garrido
Purge Start	09:46						
Purge End	10:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:50	0	130	8.50	0.00	7.36	0.49	4.28	2.73	11.2	167.5	Clear	No Odor
09:55	5	130	8.50	0.17	7.39	0.48	2.88	2.15	11.1	161.1	Clear	No Odor
10:00	5	130	8.60	0.34	7.40	0.48	1.08	2.08	11.1	155.2	Clear	No Odor
10:05	5	130	8.60	0.51	7.39	0.48	0.02	2.06	11.1	150.6	Clear	No Odor
10:10	5	130	8.60	0.68	7.39	0.48	0.02	2.02	11.1	145.6	Clear	No Odor
10:15	5	130	8.60	0.85	7.39	0.49	0.02	2.06	11.1	141.9	Clear	No Odor
10:20	5	130	8.60	1.02	7.39	0.49	0.02	2.09	11.2	136.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	Orangelawn ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-226D			Date	05-04-2022
Project Name/Location	Ford LTP			Weather	49 degrees F and cloudy. Wind blowing E at 7.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.0-24.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.35	Total Depth (ft-bmp)	24.1	Water Column (ft.)	15.75	Gallons in Well	2.56
		Pump Intake (ft-bmp)	21.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.77		--		
Sample Time:	Label 09:35	Volume Purged	1.98 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 08:34						
	Purge End 09:42						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:40	0	140	8.35	0.00	7.19	0.61	25.70	1.61	11.8	208.8	Clear	No Odor
08:45	5	140	8.50	0.18	7.24	0.61	22.80	1.43	11.8	206.1	Clear	No Odor
08:50	5	140	8.50	0.36	7.27	0.61	21.30	1.37	11.8	204.1	Clear	No Odor
08:55	5	140	8.60	0.54	7.39	0.61	12.60	1.16	11.8	193.7	Clear	No Odor
09:00	5	140	8.60	0.72	7.43	0.60	10.00	0.87	11.8	187.3	Clear	No Odor
09:05	5	140	8.60	0.90	7.46	0.60	6.24	0.77	11.8	181.7	Clear	No Odor
09:10	5	140	8.60	1.08	7.47	0.60	3.80	0.71	11.8	175.6	Clear	No Odor
09:15	5	140	8.60	1.26	7.47	0.60	2.48	0.60	11.8	169.8	Clear	No Odor
09:20	5	140	8.60	1.44	7.49	0.60	0.02	0.58	11.8	162.8	Clear	No Odor
09:25	5	140	8.60	1.62	7.50	0.60	0.02	0.56	11.9	157.5	Clear	No Odor
09:30	5	140	8.60	1.80	7.51	0.60	0.02	0.52	11.9	154.0	Clear	No Odor
09:35	5	140	8.60	1.98	7.52	0.60	0.02	0.51	11.9	148.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Orangelawn ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-226S			Date	05-04-2022
Project Name/Location	Ford LTP			Weather	49 degrees F and cloudy. Wind blowing E at 7.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7.0-12.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.45	Total Depth (ft-bmp)	11.5	Water Column (ft.)	3.05	Gallons in Well	0.5
		Pump Intake (ft-bmp)	9.95	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.94		--		
Sample Time:	Label 11:05	Volume Purged	0.97 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 10:31						
	Purge End 11:11						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:35	0	120	8.45	0.00	7.11	0.58	3.84	14.33	11.4	177.0	Clear	No Odor
10:40	5	120	8.50	0.16	7.20	0.58	1.95	6.74	10.6	170.8	Clear	No Odor
10:45	5	120	8.50	0.32	7.29	0.58	0.02	5.56	10.6	162.5	Clear	No Odor
10:50	5	130	8.50	0.48	7.29	0.57	0.02	5.42	10.7	160.5	Clear	No Odor
10:55	5	120	8.50	0.65	7.30	0.56	0.02	5.27	10.8	156.5	Clear	No Odor
11:00	5	120	8.50	0.81	7.31	0.55	0.02	5.07	10.8	150.2	Clear	No Odor
11:05	5	120	8.50	0.97	7.31	0.55	0.02	5.04	10.9	147.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Oranglelawn ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-227			Date	05-05-2022
Project Name/Location		Ford LTP		Weather	45 degrees F partly cloudy. Wind E at 3.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12.0-17.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8	Total Depth (ft-bmp)	16.9	Water Column (ft.)	8.9	Gallons in Well	1.45
		Pump Intake (ft-bmp)	14.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.79		--		
Sample Time:	Label 10:15	Volume Purged	1.14 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 09:36						
	Purge End 10:22						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:40	0	130	8.00	0.00	7.47	0.58	71.30	5.80	11.5	168.9	Cloudy	No Odor
09:45	5	130	8.10	0.17	7.48	0.57	58.20	5.52	11.4	165.1	Clear	No Odor
09:50	5	120	8.20	0.34	7.50	0.57	38.40	5.58	11.4	160.2	Clear	No Odor
09:55	5	120	8.20	0.50	7.50	0.57	22.40	5.44	11.4	156.7	Clear	No Odor
10:00	5	120	8.30	0.66	7.43	0.57	9.64	5.38	11.4	154.2	Clear	No Odor
10:05	5	120	8.20	0.82	7.48	0.57	4.89	5.55	11.5	152.7	Clear	No Odor
10:10	5	120	8.20	0.98	7.49	0.57	2.22	5.45	11.5	149.2	Clear	No Odor
10:15	5	120	8.20	1.14	7.49	0.58	0.11	5.14	11.5	147.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Elmira ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-227D			Date	05-05-2022
Project Name/Location	Ford LTP			Weather	45 degrees F partly cloudy. Wind E at 3.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	18.0-23.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.9	Total Depth (ft-bmp)	22.6	Water Column (ft.)	14.7	Gallons in Well	2.39
		Pump Intake (ft-bmp)	20.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.85				
Sample Time:	Label 11:30	Volume Purged	2.04 gallons	Replicate/Code No.	IW-227D-MS_050522, MW-227D-MSD_05052	Sampled by	Christian Garrido
	Purge Start 10:25						
	Purge End 11:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	130	7.90	0.00	7.44	0.78	9.30	2.44	12.5	159.4	Clear	No Odor
10:35	5	130	8.10	0.17	7.45	0.79	4.12	1.02	12.3	156.2	Clear	No Odor
10:40	5	130	8.00	0.34	7.45	0.79	7.04	0.86	12.2	151.2	Clear	No Odor
10:45	5	130	8.00	0.51	7.45	0.79	7.02	0.82	12.2	147.3	Clear	No Odor
10:50	5	130	8.00	0.68	7.45	0.79	4.96	0.70	12.2	141.8	Clear	No Odor
10:55	5	130	8.00	0.85	7.45	0.78	4.82	0.62	12.1	135.0	Clear	No Odor
11:00	5	130	8.00	1.02	7.45	0.78	3.51	0.62	12.2	127.9	Clear	No Odor
11:05	5	130	8.00	1.19	7.45	0.78	2.41	0.64	12.2	123.1	Clear	No Odor
11:10	5	130	8.00	1.36	7.45	0.78	1.17	0.60	12.2	114.2	Clear	No Odor
11:15	5	130	8.00	1.53	7.45	0.78	0.53	0.55	12.3	108.8	Clear	No Odor
11:20	5	130	8.00	1.70	7.45	0.78	0.02	0.56	12.2	99.4	Clear	No Odor
11:25	5	130	8.00	1.87	7.45	0.78	0.02	0.54	12.2	93.4	Clear	No Odor
11:30	5	130	8.00	2.04	7.45	0.78	0.02	0.49	12.2	90.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Elmira ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-227S			Date	05-05-2022
Project Name/Location	Ford LTP			Weather	45 degrees F partly cloudy. Wind E at 3.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.0-11.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.05	Total Depth (ft-bmp)	10.4	Water Column (ft.)	2.35	Gallons in Well	0.38
		Pump Intake (ft-bmp)	9.55	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.53		--		
Sample Time:	Label 09:25	Volume Purged	0.96 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 08:50						
	Purge End 09:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:55	0	120	8.10	0.00	7.28	0.52	2.90	9.38	10.7	202.5	Clear	No Odor
09:00	5	120	8.20	0.16	7.32	0.51	2.09	8.90	10.6	199.2	Clear	No Odor
09:05	5	120	8.30	0.32	7.43	0.51	1.65	8.45	10.6	190.2	Clear	No Odor
09:10	5	120	8.20	0.48	7.48	0.52	0.02	8.50	10.6	185.1	Clear	No Odor
09:15	5	120	8.20	0.64	7.51	0.51	0.02	7.73	10.6	180.7	Clear	No Odor
09:20	5	120	8.20	0.80	7.53	0.52	0.02	7.76	10.6	177.0	Clear	No Odor
09:25	5	120	8.20	0.96	7.54	0.51	0.02	7.71	10.6	173.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Elmira ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-228			Date	05-02-2022
Project Name/Location	Ford LTP			Weather	52°F and cloudy. Wind E at 2.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	11.0-16.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.3	Total Depth (ft-bmp)	15.5	Water Column (ft.)	4.2	Gallons in Well	0.68
		Pump Intake (ft-bmp)	13.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.41		--		
Sample Time:	Label 12:05	Volume Purged	0.96 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 11:31						
	Purge End 12:11						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:35	0	110	11.30	0.00	7.42	0.83	0.02	7.63	9.8	251.8	Clear	No Odor
11:40	5	120	11.40	0.15	7.42	0.81	0.02	7.20	9.5	250.9	Clear	No Odor
11:45	5	120	11.40	0.31	7.42	0.83	0.02	6.36	9.5	247.2	Clear	No Odor
11:50	5	110	11.50	0.47	7.42	0.83	0.02	6.32	9.5	246.9	Clear	No Odor
11:55	5	130	11.40	0.62	7.42	0.86	0.02	6.44	9.5	242.0	Clear	No Odor
12:00	5	130	11.40	0.79	7.42	0.86	0.02	5.99	9.5	239.5	Clear	No Odor
12:05	5	120	11.40	0.96	7.44	0.86	0.02	5.92	9.6	235.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Laurel ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-228S			Date	05-02-2022
Project Name/Location	Ford LTP			Weather	52°F and cloudy. Wind E at 2.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-8.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.35	Total Depth (ft-bmp)	7.5	Water Column (ft.)	6.15	Gallons in Well	1
		Pump Intake (ft-bmp)	2.85	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.53		--		
Sample Time:	Label 13:00	Volume Purged	1.53 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 12:16						
	Purge End 13:07						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	140	1.35	0.00	7.17	0.58	0.02	1.70	8.6	229.2	Clear	No Odor
12:25	5	140	1.50	0.18	7.18	0.59	0.02	1.81	8.8	226.2	Clear	No Odor
12:30	5	130	1.50	0.36	7.19	0.58	0.02	1.78	9.0	223.0	Clear	No Odor
12:35	5	150	1.50	0.53	7.19	0.58	0.02	1.75	8.1	220.4	Clear	No Odor
12:40	5	150	1.50	0.73	7.13	0.58	0.02	1.03	8.0	202.6	Clear	No Odor
12:45	5	150	1.50	0.93	7.14	0.58	0.02	0.73	7.9	195.8	Clear	No Odor
12:50	5	150	1.50	1.13	7.15	0.58	0.02	0.69	8.0	188.0	Clear	No Odor
12:55	5	150	1.50	1.33	7.15	0.59	0.02	0.68	7.9	180.0	Clear	No Odor
13:00	5	150	1.50	1.53	7.15	0.59	0.02	0.68	7.9	178.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Laurel ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-229			Date	05-03-2022
Project Name/Location	Ford LTP			Weather	53°F with rain. Wind SE at 4.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.0-14.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.8	Total Depth (ft-bmp)	13.7	Water Column (ft.)	8.9	Gallons in Well	1.45
		Pump Intake (ft-bmp)	11.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.97		--		
Sample Time:	Label 10:00	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 09:10						
	Purge End 10:07						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:15	0	130	4.30	0.00	7.04	0.85	26.50	0.70	10.1	-23.0	Clear	No Odor
09:20	5	130	4.50	0.02	7.14	0.81	29.50	0.43	9.9	-36.1	Clear	No Odor
09:25	5	138	4.85	0.19	7.16	0.78	19.90	0.32	9.8	-37.0	Clear	No Odor
09:30	5	138	4.85	0.37	7.16	0.79	22.50	0.27	9.8	-39.8	Clear	No Odor
09:35	5	130	4.85	0.55	7.19	0.74	18.50	0.22	9.8	-39.9	Clear	No Odor
09:40	5	130	4.90	0.72	7.19	0.73	16.50	0.24	9.8	-40.6	Clear	No Odor
09:45	5	130	4.90	0.89	7.20	0.73	6.69	0.22	9.8	-41.6	Clear	No Odor
09:50	5	130	4.90	1.06	7.20	0.73	4.69	0.22	9.8	-42.1	Clear	No Odor
09:55	5	130	4.90	1.23	7.19	0.73	3.85	0.25	9.8	-42.8	Clear	No Odor
10:00	5	130	4.90	1.40	7.20	0.72	2.22	0.25	9.8	-42.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Leon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-229D			Date	05-03-2022
Project Name/Location	Ford LTP			Weather	52.0 degrees F and Light Rain and Fog/Mist. The wind is blowing E at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.62	Total Depth (ft-bmp)	20	Water Column (ft.)	15.38	Gallons in Well	2.5
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.72		--		
Sample Time: Label	12:20	Volume Purged	1.8 gallons	Replicate/Code No.		Sampled by	Lottie Jay
Purge Start	11:15						
Purge End	12:26						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	120	4.72	0.00	7.35	0.75	11.00	1.36	10.4	75.1	Clear	No Odor
11:25	5	120	4.72	0.16	7.23	0.75	12.00	4.07	10.4	56.6	Clear	No Odor
11:30	5	155	4.76	0.32	7.34	0.75	15.50	1.04	10.4	34.2	Clear	No Odor
11:35	5	155	4.76	0.52	7.35	0.75	6.20	1.04	10.4	32.7	Clear	No Odor
11:40	5	120	4.74	0.72	7.35	0.76	7.26	1.01	10.5	18.4	Clear	No Odor
11:45	5	120	4.74	0.90	7.35	0.76	2.09	1.04	10.5	17.7	Clear	No Odor
11:50	5	87	4.73	1.08	7.32	0.77	3.21	0.81	10.5	4.5	Clear	No Odor
11:55	5	87	4.73	1.19	7.32	0.78	1.58	0.77	10.5	0.9	Clear	No Odor
12:00	5	78	4.74	1.30	7.34	0.78	3.23	0.64	10.5	-8.9	Clear	No Odor
12:05	5	87	4.74	1.40	7.34	0.78	3.23	0.75	10.6	-8.8	Clear	No Odor
12:10	5	87	4.74	1.57	7.33	0.79	0.02	0.58	10.5	-15.2	Clear	No Odor
12:20	10	87	4.74	1.80	7.33	0.79	0.07	0.55	10.5	-21.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Leon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-229S			Date	05-03-2022
Project Name/Location	Ford LTP			Weather	53.1 degrees F and Light Rain. The wind is blowing E at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-8.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.7	Total Depth (ft-bmp)	6.7	Water Column (ft.)	2	Gallons in Well	0.32
		Pump Intake (ft-bmp)	6.2	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.22				
Sample Time: Label	10:55	Volume Purged	1.03 gallons	Replicate/Code No.	DUP-13	Sampled by	Lottie Jay
Purge Start	10:22						
Purge End	11:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:25	0	120	4.70	0.00	7.33	0.59	25.30	6.30	9.8	81.1	Clear	No Odor
10:30	5	120	4.70	0.16	7.40	0.57	12.30	5.79	9.8	81.4	Clear	No Odor
10:35	5	120	4.72	0.32	7.42	0.58	9.87	5.65	9.8	85.6	Clear	No Odor
10:40	5	150	4.75	0.48	7.44	0.58	2.75	5.43	9.7	935.0	Clear	No Odor
10:45	5	150	4.75	0.68	7.44	0.57	0.02	5.18	9.7	95.1	Clear	No Odor
10:50	5	110	5.28	0.88	7.44	0.57	1.53	5.09	9.7	97.3	Clear	No Odor
10:55	5	110	5.28	1.03	7.46	0.57	0.02	5.04	9.7	102.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
1" = 0.04	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	Leon St ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-230			Date	05-02-2022
Project Name/Location		Ford LTP		Weather	52°F and cloudy. Wind E at 2.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10.0-15.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.95	Total Depth (ft-bmp)	15	Water Column (ft.)	10.05	Gallons in Well	1.63
		Pump Intake (ft-bmp)	12.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.62		--		
Sample Time: Label	09:25	Volume Purged	1.01 gallons	Replicate/Code No.		Sampled by	Christian Garrido
Purge Start	08:50						
Purge End	09:32						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:55	0	120	4.95	0.00	7.12	0.83	58.30	10.46	10.3	220.4	Clear	No Odor
09:00	5	130	5.10	0.16	7.12	0.81	6.25	8.57	10.0	232.4	Clear	No Odor
09:05	5	130	5.10	0.33	7.19	0.75	2.61	8.50	9.9	241.5	Clear	No Odor
09:10	5	130	5.20	0.50	7.21	0.72	1.81	8.05	9.9	245.9	Clear	No Odor
09:15	5	130	5.10	0.67	7.21	0.72	0.88	7.13	9.9	246.0	Clear	No Odor
09:20	5	130	5.10	0.84	7.21	0.72	0.02	7.14	9.9	245.7	Clear	No Odor
09:25	5	130	5.10	1.01	7.21	0.72	0.02	7.04	9.9	243.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Minton CT ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-230D			Date	05-02-2022
Project Name/Location		Ford LTP		Weather	52°F and cloudy. Wind E at 2.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	17.7	Total Depth (ft-bmp)	21.2	Water Column (ft.)	3.5	Gallons in Well	0.57
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.02		--		
Sample Time:	Label 11:05	Volume Purged	1.15 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 10:26						
	Purge End 11:11						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	130	17.70	0.00	7.40	0.60	8.88	5.32	11.5	227.2	Clear	No Odor
10:35	5	120	17.80	0.17	7.31	0.63	2.81	5.77	11.6	230.8	Clear	No Odor
10:40	5	120	17.70	0.33	7.29	0.63	0.02	6.25	11.5	236.9	Clear	No Odor
10:45	5	120	17.70	0.49	7.30	0.63	0.02	5.47	11.8	239.4	Clear	No Odor
10:50	5	130	17.90	0.65	7.30	0.63	0.02	5.70	11.8	239.6	Clear	No Odor
10:55	5	130	17.80	0.82	7.32	0.60	0.02	5.91	11.8	236.5	Clear	No Odor
11:00	5	120	17.80	0.99	7.32	0.60	0.02	5.93	11.8	234.6	Clear	No Odor
11:05	5	120	17.80	1.15	7.32	0.61	0.02	5.97	11.8	232.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Minton CT ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-230S			Date	05-02-2022
Project Name/Location	Ford LTP			Weather	52°F and cloudy. Wind E at 2.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.0-9.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.4	Total Depth (ft-bmp)	8.9	Water Column (ft.)	3.5	Gallons in Well	0.57
		Pump Intake (ft-bmp)	6.9	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.61		--		
Sample Time:	Label 10:15	Volume Purged	0.92 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 09:41						
	Purge End 10:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:45	0	120	5.40	0.00	7.12	0.57	10.80	8.82	9.6	242.3	Clear	No Odor
09:50	5	110	5.40	0.16	7.21	0.56	0.02	5.35	9.2	230.0	Clear	No Odor
09:55	5	120	5.60	0.31	7.22	0.56	0.02	4.62	9.2	227.2	Clear	No Odor
10:00	5	110	5.60	0.47	7.22	0.57	0.02	4.55	9.2	224.9	Clear	No Odor
10:05	5	110	5.70	0.62	7.23	0.57	0.02	4.93	9.2	223.3	Clear	No Odor
10:10	5	110	5.70	0.77	7.23	0.57	0.02	4.86	9.2	222.0	Clear	No Odor
10:15	5	120	5.60	0.92	7.24	0.57	0.02	4.68	9.2	220.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Minton CT ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-231			Date	05-09-2022
Project Name/Location	Ford LTP			Weather	53 degrees F and sunny. Wind E at 2.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10.0-15.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.6	Total Depth (ft-bmp)	14.6	Water Column (ft.)	6	Gallons in Well	0.97
		Pump Intake (ft-bmp)	12.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.39		--		
Sample Time:	Label 08:55	Volume Purged	1.35 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 08:10						
	Purge End 09:01						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:15	0	120	8.60	0.00	7.09	0.57	25.60	6.09	11.0	231.9	Clear	No Odor
08:20	5	130	8.70	0.16	7.31	0.56	12.40	5.38	10.5	221.1	Clear	No Odor
08:25	5	130	8.80	0.33	7.33	0.52	20.60	5.23	10.6	216.6	Clear	No Odor
08:30	5	130	8.80	0.50	7.40	0.52	19.20	5.08	10.5	213.7	Clear	No Odor
08:35	5	130	8.80	0.67	7.40	0.53	4.82	5.21	10.5	209.3	Clear	No Odor
08:40	5	130	8.80	0.84	7.39	0.54	4.82	5.22	10.5	205.6	Clear	No Odor
08:45	5	130	8.80	1.01	7.39	0.59	2.84	5.28	10.5	201.7	Clear	No Odor
08:50	5	130	8.80	1.18	7.33	0.59	0.02	5.54	10.4	198.3	Clear	No Odor
08:55	5	130	8.80	1.35	7.39	0.59	0.02	5.56	10.5	194.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Parkdale ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-231S			Date	05-09-2022
Project Name/Location		Ford LTP		Weather	53 degrees F and sunny. Wind E at 2.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-8.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.8	Total Depth (ft-bmp)	7.6	Water Column (ft.)	4.8	Gallons in Well	0.78
		Pump Intake (ft-bmp)	4.3	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.64		--		
Sample Time:	Label 09:50	Volume Purged	1.28 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 09:04						
	Purge End 09:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:10	0	120	2.80	0.00	7.18	0.61	5.85	2.28	12.6	190.1	Clear	No Odor
09:15	5	120	3.00	0.16	7.18	0.63	3.38	1.96	12.6	178.5	Clear	No Odor
09:20	5	120	3.10	0.32	7.17	0.63	2.78	1.66	12.5	168.5	Clear	No Odor
09:25	5	120	3.10	0.48	7.16	0.63	0.02	1.58	12.5	160.4	Clear	No Odor
09:30	5	120	3.20	0.64	7.17	0.68	0.02	1.54	12.4	152.1	Clear	No Odor
09:35	5	120	3.20	0.80	7.17	0.64	0.02	1.53	12.4	145.3	Clear	No Odor
09:40	5	120	3.30	0.96	7.17	0.65	0.02	1.49	12.4	139.4	Clear	No Odor
09:45	5	120	3.30	1.12	7.17	0.65	0.02	1.44	12.3	133.5	Clear	No Odor
09:50	5	120	3.30	1.28	7.17	0.66	0.02	1.45	12.3	130.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Parkdale ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-232			Date	05-04-2022
Project Name/Location	Ford LTP			Weather	49 degrees F and cloudy. Wind blowing E at 7.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10.0-15.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	0.7	Total Depth (ft-bmp)	14.9	Water Column (ft.)	14.2	Gallons in Well	2.31
		Pump Intake (ft-bmp)	12.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.4		--		
Sample Time:	Label 12:15	Volume Purged	0.93 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 11:40						
	Purge End 12:21						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:45	0	120	0.70	0.00	7.08	2.51	13.40	6.32	10.3	185.4	Clear	No Odor
11:50	5	120	2.20	0.16	7.16	2.51	10.50	5.81	10.3	175.8	Clear	No Odor
11:55	5	120	2.30	0.32	7.22	2.52	8.07	5.23	10.3	166.4	Clear	No Odor
12:00	5	110	3.80	0.48	7.25	2.50	14.20	5.50	10.3	161.1	Clear	No Odor
12:05	5	110	4.85	0.63	7.24	2.50	4.62	5.58	10.5	157.4	Clear	No Odor
12:10	5	110	5.30	0.78	7.24	2.49	4.89	5.47	10.4	155.9	Clear	No Odor
12:15	5	110	5.40	0.93	7.24	2.48	3.96	5.57	10.5	153.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	Woodring ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-232S			Date	05-04-2022
Project Name/Location	Ford LTP			Weather	49 degrees F and cloudy. Wind blowing E at 7.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	0.8	Total Depth (ft-bmp)	7.4	Water Column (ft.)	6.6	Gallons in Well	1.07
		Pump Intake (ft-bmp)	2.3	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.89		--		
Sample Time: Label	13:00	Volume Purged	0.95 gallons	Replicate/Code No.		Sampled by	Christian Garrido
Purge Start	12:27						
Purge End	13:08						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:30	0	120	1.10	0.00	7.22	3.38	2.64	5.53	10.4	152.8	Clear	No Odor
12:35	5	110	1.30	0.16	7.26	3.43	1.21	5.30	10.1	145.9	Clear	No Odor
12:40	5	120	1.40	0.31	7.26	3.43	0.52	5.25	10.1	145.7	Clear	No Odor
12:45	5	120	1.60	0.47	7.23	3.40	0.02	5.21	10.2	143.1	Clear	No Odor
12:50	5	120	1.40	0.63	7.23	3.38	0.02	5.02	10.2	140.9	Clear	No Odor
12:55	5	120	1.40	0.79	7.23	3.36	0.02	4.83	10.1	139.0	Clear	No Odor
13:00	5	120	1.40	0.95	7.22	3.32	0.02	4.96	10.0	137.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Woodring ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-233			Date	05-05-2022
Project Name/Location		Ford LTP		Weather	45 degrees F partly cloudy. Wind E at 3.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10.0-15.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4	Total Depth (ft-bmp)	14.9	Water Column (ft.)	10.9	Gallons in Well	1.77
		Pump Intake (ft-bmp)	12.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.67		--		
Sample Time:	Label 12:30	Volume Purged	1.18 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 11:52						
	Purge End 12:36						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:55	0	130	4.00	0.00	7.13	2.06	18.50	9.07	11.3	157.2	Clear	No Odor
12:00	5	130	4.00	0.17	7.15	2.06	9.60	8.50	11.2	155.8	Clear	No Odor
12:05	5	130	5.10	0.34	7.24	2.06	9.73	8.08	11.0	149.0	Clear	No Odor
12:10	5	130	6.00	0.51	7.29	2.07	1.15	7.92	10.8	145.9	Clear	No Odor
12:15	5	140	7.20	0.68	7.31	2.06	0.93	8.09	10.7	145.7	Clear	No Odor
12:20	5	120	7.90	0.86	7.30	2.06	0.02	7.47	11.0	146.0	Clear	No Odor
12:25	5	120	8.80	1.02	7.31	2.06	0.02	7.44	11.1	146.2	Clear	No Odor
12:30	5	120	9.20	1.18	7.31	2.06	0.02	7.43	11.1	146.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Capitol ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-233S			Date	05-05-2022
Project Name/Location	Ford LTP			Weather	45 degrees F partly cloudy. Wind E at 3.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.8	Total Depth (ft-bmp)	7.3	Water Column (ft.)	4.5	Gallons in Well	0.73
		Pump Intake (ft-bmp)	4.3	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.32		--		
Sample Time:	Label 13:10	Volume Purged	0.96 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 12:37						
	Purge End 13:16						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:40	0	120	3.00	0.00	7.47	0.96	3.40	8.92	10.0	149.9	Clear	No Odor
12:45	5	120	3.20	0.16	7.45	0.91	2.82	8.69	10.0	151.7	Clear	No Odor
12:50	5	120	3.40	0.32	7.44	0.91	2.13	8.47	9.9	150.9	Clear	No Odor
12:55	5	120	3.60	0.48	7.45	0.90	0.02	8.46	9.8	145.3	Clear	No Odor
13:00	5	120	3.70	0.64	7.44	0.91	0.02	8.46	9.7	141.3	Clear	No Odor
13:05	5	120	3.90	0.80	7.43	0.92	0.02	8.46	9.8	141.2	Clear	No Odor
13:10	5	120	4.10	0.96	7.41	0.93	0.02	8.42	9.8	145.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Capitol ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-30			Date	08-06-2022
Project Name/Location		Ford LTP		Weather	82.9 degrees F and Mostly Clear. The wind is blowing SW at 6.9 mph. 62% humidity, 30.08inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.0-24.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.45	Total Depth (ft-bmp)	24.74	Water Column (ft.)	15.29	Gallons in Well	2.48
		Pump Intake (ft-bmp)	21.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.63		--		Sommer Guy
Sample Time: Label	13:05	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	
Purge Start	12:28						
Purge End	13:08						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:29	0	200	10.10	0.00	7.68	5.34	25.80	0.41	19.4	-212.6	Clear, Small Orange Particulates	No Odor
12:34	5	200	10.39	0.26	7.44	5.23	25.90	0.12	19.4	-200.6	Clear, Small Orange Particulates	No Odor
12:39	5	200	10.53	0.52	7.38	5.21	22.90	0.09	19.2	-190.2	Clear	No Odor
12:44	5	200	10.59	0.78	7.37	5.20	19.10	0.06	19.6	-186.0	Clear	No Odor
12:49	5	200	10.61	1.04	7.37	5.17	18.50	0.06	19.3	-183.0	Clear	No Odor
12:54	5	200	10.62	1.30	7.37	5.17	18.10	0.06	19.3	-181.1	Clear	No Odor
12:59	5	200	10.80	1.56	7.38	5.14	19.10	0.05	19.0	-179.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	On-site, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-31			Date	08-06-2022
Project Name/Location	Ford LTP			Weather	75.9 degrees F and Mostly Clear. The wind is blowing S/SW at 6.9 mph. 74% humidity, 30.10inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17.0-22.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.64	Total Depth (ft-bmp)	21.7	Water Column (ft.)	12.06	Gallons in Well	1.96
		Pump Intake (ft-bmp)	19.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.42		--		Sommer Guy
Sample Time: Label	11:08	Volume Purged	2.79 gallons	Replicate/Code No.		Sampled by	
Purge Start	10:03						
Purge End	11:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:04	0	200	9.77	0.00	7.77	23.32	22.60	4.21	19.6	-128.0	Clear	Faint Odor
10:09	5	175	9.77	0.26	7.45	23.32	8.52	2.62	19.8	-151.4	Clear	No Odor
10:14	5	175	9.77	0.49	7.39	23.07	6.43	2.38	19.8	-131.6	Clear	Faint Odor
10:19	5	175	9.77	0.72	7.37	23.13	3.63	2.75	19.8	-124.1	Clear	No Odor
10:24	5	175	9.77	0.95	7.35	23.18	4.17	2.57	19.6	-122.0	Clear	No Odor
10:29	5	175	9.77	1.18	7.33	23.14	1.58	2.11	19.7	-121.7	Clear	No Odor
10:34	5	175	9.77	1.41	7.32	23.07	2.17	2.14	19.8	-121.7	Clear	No Odor
10:39	5	175	977.00	1.64	7.32	23.07	3.75	1.90	19.6	-121.9	Clear	No Odor
10:44	5	175	9.77	1.87	7.32	23.01	2.19	1.91	19.7	-122.1	Clear	No Odor
10:49	5	175	9.77	2.10	7.31	23.01	1.95	1.59	19.9	-122.8	Clear	No Odor
10:54	5	175	9.77	2.33	7.31	23.06	6.19	1.80	19.5	-123.2	Clear	No Odor
10:59	5	175	9.77	2.56	7.30	23.03	14.80	1.62	20.0	-123.7	Clear	No Odor
11:04	5	175	9.77	2.79	7.29	23.07	14.30	1.60	20.0	-123.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments J-plug loose

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	On site, SE	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-32		Date	08-17-2022	
Project Name/Location		Ford LTP		Weather	It is Partly Cloudy. The wind is blowing N/NE at 4.7 mph. 70F, 69% humidity, 30.11inHg		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	18.0-23.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		9.2	Total Depth (ft-bmp)	22.85	Water Column (ft.)	13.65	Gallons in Well	2.22
			Pump Intake (ft-bmp)	20.5	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	0.82		--		
Sample Time:	Label	10:30	Volume Purged	1.82 gallons	Replicate/Code No.		Sampled by	Sommer Guy
	Purge Start	09:49						
	Purge End	10:33						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:50	0	200	9.63	0.00	7.34	4.35	159.00	0.45	15.9	-105.5	Cloudy, Small Orange Particulates, Small White Particulates, Yellow	No Odor
09:55	5	200	9.63	0.26	7.21	4.33	101.00	0.24	15.1	-115.7	Cloudy, Small Orange Particulates, Yellow	No Odor
10:00	5	200	9.64	0.52	7.23	4.36	42.50	0.15	15.0	-118.9	Clear, Small White Particulates, Yellow	No Odor
10:05	5	200	9.66	0.78	7.24	4.38	45.10	0.12	14.7	-120.9	Clear, Small Orange Particulates, Small White Particulates, Yellow	No Odor
10:10	5	200	9.67	1.04	7.25	4.41	46.60	0.14	14.8	-122.4	Clear, Small Orange Particulates, Small White Particulates, Yellow	No Odor
10:15	5	200	9.67	1.30	7.26	4.47	40.50	0.16	14.7	-124.1	Clear, Small Orange Particulates, Small White Particulates, Yellow	No Odor
10:20	5	200	9.68	1.56	7.26	4.52	37.70	0.13	14.7	-125.6	Clear, Small Orange Particulates, Small White Particulates, Yellow	No Odor
10:25	5	200	9.70	1.82	7.27	4.55	39.80	0.11	14.8	-126.7	Clear, Small Orange Particulates, Small White Particulates, Yellow	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	On site, SE	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-33			Date	08-16-2022
Project Name/Location	Ford LTP			Weather	75 F, 68% humidity, 68% humidity, NE 9 mph wind, 29.40 iwc		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14.0-19.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.35	Total Depth (ft-bmp)	18.68	Water Column (ft.)	11.33	Gallons in Well	1.84
		Pump Intake (ft-bmp)	16.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.65		--		Christian Garrido
Sample Time:	Label 11:45	Volume Purged	1.19 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:05						
	Purge End 11:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	130	7.44	0.00	6.84	7.25	6.07	0.43	16.1	-22.1	Clear	No Odor
11:15	5	130	7.47	0.17	6.86	7.26	3.81	0.40	16.1	-25.6	Clear	No Odor
11:20	5	130	7.48	0.34	6.94	7.26	0.81	0.39	17.1	-54.1	Clear	No Odor
11:25	5	130	7.49	0.51	6.94	7.25	0.02	0.34	16.4	-69.9	Clear	No Odor
11:30	5	130	7.50	0.68	6.96	7.24	0.02	0.20	16.3	-79.5	Clear	No Odor
11:35	5	130	7.50	0.85	6.97	7.24	0.02	0.18	16.3	-84.2	Clear	No Odor
11:40	5	130	7.50	1.02	6.98	7.26	0.02	0.17	16.3	-89.7	Clear	No Odor
11:45	5	130	7.50	1.19	6.98	7.27	0.02	0.17	16.4	-93.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite; S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-34			Date	08-06-2022
Project Name/Location	Ford LTP			Weather	82.9 degrees F and Mostly Clear. The wind is blowing SW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.5-21.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.86	Total Depth (ft-bmp)	21.48	Water Column (ft.)	12.62	Gallons in Well	2.05
		Pump Intake (ft-bmp)	19	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.77		--		
Sample Time: Label	12:25	Volume Purged	1.57 gallons	Replicate/Code No.		Sampled by	Christina Weaver
Purge Start	11:50						
Purge End	12:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:52	0	210	9.58	0.00	7.14	13.24	0.19	1.52	22.6	-121.1	Clear	No Odor
11:57	5	220	9.99	0.28	7.14	12.18	0.02	1.74	20.3	-135.5	Clear	No Odor
12:02	5	200	10.05	0.57	7.14	12.12	0.02	1.14	20.3	-136.7	Clear	No Odor
12:07	5	200	10.10	0.83	7.14	12.07	0.02	1.38	20.0	-136.9	Clear	No Odor
12:12	5	180	10.10	1.09	7.14	12.00	0.02	1.46	20.2	-137.7	Clear	No Odor
12:17	5	180	10.11	1.33	7.14	12.04	0.02	1.41	20.1	-137.0	Clear	No Odor
12:22	5	180	10.11	1.57	7.14	12.00	0.02	1.40	20.3	-137.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-35			Date	08-20-2022
Project Name/Location		Ford LTP		Weather	70 F, 81% Humidity, S 3 mph wind, 29.39" Hg, Mostly Cloudy.		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	19.5-24.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		8.41	Total Depth (ft-bmp)	24.3	Water Column (ft.)	15.89	Gallons in Well	2.58
			Pump Intake (ft-bmp)	22	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	0.7		--		
Sample Time:	Label	10:10	Volume Purged	1.8 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start	09:06						
	Purge End	10:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:10	0	110	8.41	0.00	7.62	6.35	3.32	0.45	17.4	13.1	Clear	No Odor
09:15	5	110	8.41	0.15	7.62	6.34	2.41	0.41	17.4	10.6	Clear	No Odor
09:20	5	110	8.43	0.30	7.64	6.30	0.02	0.23	17.2	-14.0	Clear	No Odor
09:25	5	110	8.43	0.45	7.65	6.26	0.02	0.17	16.9	-46.0	Clear	No Odor
09:30	5	110	8.43	0.60	7.65	6.24	0.02	0.12	16.8	-70.1	Clear	No Odor
09:35	5	110	8.45	0.75	7.63	6.21	0.02	0.11	16.6	-94.4	Clear	No Odor
09:40	5	110	8.45	0.90	7.62	6.16	0.02	0.09	16.6	-117.0	Clear	No Odor
09:45	5	110	8.45	1.05	7.61	6.01	0.02	0.07	16.5	-141.9	Clear	No Odor
09:50	5	110	8.45	1.20	7.61	5.95	0.02	0.07	16.4	-154.2	Clear	No Odor
09:55	5	110	8.45	1.35	7.60	5.91	0.02	0.06	16.5	-167.4	Clear	No Odor
10:00	5	110	8.45	1.50	7.59	5.82	0.02	0.06	16.4	-180.2	Clear	No Odor
10:05	5	110	8.45	1.65	7.59	5.74	0.02	0.06	16.4	-188.5	Clear	No Odor
10:10	5	110	8.45	1.80	7.58	5.73	0.02	0.06	16.7	-193.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-38			Date	08-15-2022
Project Name/Location	Ford LTP			Weather	75 F, 61% humidity, NNE 8mph wind, 29.35 iwc.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.24	Total Depth (ft-bmp)	19.52	Water Column (ft.)	12.28	Gallons in Well	2
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.48		--		Christian Garrido
Sample Time: Label	12:50	Volume Purged	0.96 gallons	Replicate/Code No.		Sampled by	
Purge Start	12:18						
Purge End	12:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	120	7.24	0.00	7.19	3.87	40.70	0.59	16.8	-66.9	Clear, Small Orange Particulates	No Odor
12:25	5	120	7.28	0.16	7.19	3.86	19.30	0.55	17.0	-78.4	Clear	No Odor
12:30	5	120	7.31	0.32	7.18	3.87	3.42	0.45	16.8	-115.4	Clear	No Odor
12:35	5	120	7.33	0.48	7.16	3.85	0.02	0.23	16.6	-136.1	Clear	No Odor
12:40	5	120	7.33	0.64	7.15	3.84	0.02	0.19	16.5	-144.2	Clear	No Odor
12:45	5	120	7.33	0.80	7.13	3.80	0.02	0.16	16.4	-147.6	Clear	No Odor
12:50	5	120	7.33	0.96	7.12	3.83	0.02	0.15	16.3	-149.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite; S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-39			Date	08-17-2022
Project Name/Location	Ford LTP			Weather	61.0 degrees F and Partly Cloudy. The wind is blowing N at 4.7 mph. 91% humidity, 30.11inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.5-24.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.59	Total Depth (ft-bmp)	24.2	Water Column (ft.)	13.61	Gallons in Well	2.21
		Pump Intake (ft-bmp)	22	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.81				
Sample Time: Label	09:10	Volume Purged	1.8 gallons	Replicate/Code No.	MW-39-MS_081722, MW-39-MSD_081722	Sampled by	Sommer Guy
Purge Start	08:19						
Purge End	09:21						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:20	0	150	10.62	0.00	7.11	5.43	10.80	1.41	17.6	187.3	Clear, Small White Particulates	No Odor
08:25	5	150	10.62	0.20	7.05	5.46	14.70	0.46	17.6	160.5	Clear, Small White Particulates	No Odor
08:30	5	150	10.62	0.40	7.08	5.39	13.10	0.29	17.5	96.5	Clear, Small Black Particulates	No Odor
08:35	5	150	10.62	0.60	7.09	5.39	9.27	0.25	17.5	51.2	Clear, Small White Particulates	No Odor
08:40	5	150	10.62	0.80	7.10	5.41	10.30	0.24	17.5	23.2	Clear, Small White Particulates	No Odor
08:45	5	150	10.62	1.00	7.11	5.42	10.30	0.25	17.5	8.5	Clear, Small White Particulates	No Odor
08:50	5	150	10.63	1.20	7.12	5.42	11.00	0.25	17.5	-2.9	Clear, Small White Particulates	No Odor
08:55	5	150	10.62	1.40	7.12	5.42	11.50	0.18	17.5	-10.8	Clear, Small White Particulates	No Odor
09:00	5	150	10.63	1.60	7.13	5.42	10.60	0.15	17.5	-15.9	Clear, Small White Particulates	No Odor
09:05	5	150	10.63	1.80	7.13	5.42	10.80	0.14	17.5	-19.2	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	On site, SE	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-40			Date	08-06-2022
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Fog/Mist. The wind is blowing SW at 6.9 mph. 86% humidity, 30.11inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.54	Total Depth (ft-bmp)	19.63	Water Column (ft.)	10.09	Gallons in Well	1.64
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.79		--		Sommer Guy
Sample Time: Label	09:45	Volume Purged	1.29 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:05						
Purge End	09:48						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:08	0	200	9.66	0.00	7.39	17.24	54.10	0.63	19.7	-115.6	Clear, Small Brown Particulates	No Odor
09:13	5	175	9.65	0.26	7.17	17.22	21.40	0.27	19.8	-1,406.0	Clear, Small White Particulates	No Odor
09:18	5	150	9.65	0.49	7.15	17.42	16.90	0.20	19.8	-132.9	Clear, Small White Particulates	No Odor
09:23	5	150	9.65	0.69	7.14	17.61	13.40	0.13	19.8	-131.9	Clear	No Odor
09:28	5	150	9.65	0.89	7.15	17.71	9.73	0.13	19.9	-131.1	Clear	No Odor
09:33	5	150	9.65	1.09	7.15	17.82	10.70	0.09	19.7	-130.4	Clear	No Odor
09:38	5	150	9.65	1.29	7.15	17.88	10.17	0.09	19.4	-127.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	On-site, SE	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-41			Date	08-06-2022
Project Name/Location	Ford LTP			Weather	75.9 degrees F and Mostly Clear. The wind is blowing S/SW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.85	Total Depth (ft-bmp)	20.94	Water Column (ft.)	12.09	Gallons in Well	1.96
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.8		--		
Sample Time: Label	10:45	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Christina Weaver
Purge Start	10:12						
Purge End	10:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:14	0	200	9.12	0.00	7.21	14.63	101.00	5.46	23.3	-96.6	Clear, Small Black Particulates	No Odor
10:19	5	200	9.14	0.26	7.21	13.67	45.70	2.40	19.1	-122.8	Clear, Small Orange Particulates	No Odor
10:24	5	200	9.14	0.52	7.22	13.66	18.20	2.26	18.7	-129.4	Clear	No Odor
10:29	5	200	9.14	0.78	7.22	13.65	13.10	2.07	19.8	-131.6	Clear	No Odor
10:34	5	200	9.14	1.04	7.22	13.56	4.49	2.01	19.7	-132.8	Clear	No Odor
10:39	5	200	9.14	1.30	7.23	13.60	4.25	2.01	19.8	-137.1	Clear	No Odor
10:44	5	200	9.14	1.56	7.23	13.66	3.25	2.00	19.7	-139.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-42			Date	08-27-2022
Project Name/Location		Ford LTP	Weather	70.0 degrees F and Mostly Clear. The wind is blowing E/NE at 5.8 mph.			
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		8.77	Total Depth (ft-bmp)	20.45	Water Column (ft.)	11.68	Gallons in Well	1.9
			Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	0.54		--		
Sample Time:	Label	12:21	Volume Purged	1.02 gallons	Replicate/Code No.		Sampled by	Gary Schafer
	Purge Start	11:48						
	Purge End	12:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:50	0	125	8.93	0.00	7.39	30.19	5.88	0.45	19.2	-90.4	Clear	No Odor
11:55	5	125	8.93	0.17	7.45	30.49	7.58	0.46	20.1	-107.3	Clear	No Odor
12:00	5	125	8.95	0.34	7.47	29.69	1.39	0.14	18.6	-111.4	Clear	No Odor
12:05	5	125	8.96	0.51	7.49	28.88	0.20	0.08	18.3	-115.6	Clear	No Odor
12:10	5	125	8.96	0.68	7.50	28.92	1.01	0.08	18.4	-116.3	Clear	No Odor
12:15	5	125	8.96	0.85	7.50	28.45	0.44	0.08	18.4	-118.2	Clear	No Odor
12:20	5	125	8.96	1.02	7.50	28.29	0.02	0.08	18.3	-118.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-43		Date	08-20-2022	
Project Name/Location	Ford LTP		Weather	70 F, 81% Humidity, S 3 mph wind, 29.39" Hg, Mostly Cloudy.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17.0-22.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.91	Total Depth (ft-bmp)	21.75	Water Column (ft.)	13.84	Gallons in Well	2.25
		Pump Intake (ft-bmp)	19.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.43		--		
Sample Time: Label	10:55	Volume Purged	0.96 gallons	Replicate/Code No.		Sampled by	Christian Garrido
Purge Start	10:23						
Purge End	11:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:25	0	120	7.91	0.00	7.36	17.36	13.60	0.82	18.5	-73.5	Clear, Small Black Particulates	No Odor
10:30	5	120	7.92	0.16	7.36	17.43	18.30	0.47	18.4	-77.1	Clear, Small Black Particulates	No Odor
10:35	5	120	7.96	0.32	7.37	17.40	10.30	0.26	18.1	-101.1	Clear, Small Black Particulates	No Odor
10:40	5	120	7.98	0.48	7.38	17.34	3.03	0.22	17.9	-115.3	Clear	No Odor
10:45	5	120	8.02	0.64	7.39	17.29	0.02	0.19	17.9	-129.9	Clear	No Odor
10:50	5	120	8.02	0.80	7.39	17.30	0.02	0.14	17.8	-135.4	Clear	No Odor
10:55	5	120	8.02	0.96	7.38	17.28	0.02	0.15	17.8	-138.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-45			Date	08-19-2022
Project Name/Location		Ford LTP	Weather	73.0 degrees F and Mostly Clear. The wind is blowing S/SW at 5.8 mph. 59% humidity, 30.02" Hg			
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		9.43	Total Depth (ft-bmp)	19.72	Water Column (ft.)	10.29	Gallons in Well	1.67
			Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	0.93		--		
Sample Time:	Label	10:57	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Sommer Guy
	Purge Start	10:21						
	Purge End	11:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:22	0	200	9.52	0.00	7.29	6.30	8.85	0.63	17.3	-83.5	Clear, Small Black Particulates, Small White Particulates	Faint Odor
10:27	5	200	9.53	0.26	7.23	5.99	7.67	0.19	17.0	-104.7	Clear, Small White Particulates	Faint Odor
10:32	5	200	9.53	0.52	7.23	5.67	6.28	0.13	16.8	-101.3	Clear, Small White Particulates	Faint Odor
10:37	5	200	9.54	0.78	7.23	5.76	3.82	0.10	16.9	-97.1	Clear	No Odor
10:42	5	200	9.54	1.04	7.23	5.83	3.45	0.10	16.8	-94.4	Clear	No Odor
10:47	5	200	9.54	1.30	7.23	5.89	3.32	0.09	16.9	-94.0	Clear	No Odor
10:52	5	200	9.54	1.56	7.24	5.94	3.08	0.08	16.9	-95.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-46			Date	08-18-2022
Project Name/Location		Ford LTP		Weather	77F, 58% Humidity, S 6 mph wind, 29.38" Hg, Cloudy.		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		8.7	Total Depth (ft-bmp)	19.25	Water Column (ft.)	10.55	Gallons in Well	1.71
			Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	1.79		--		
Sample Time:	Label	12:20	Volume Purged	3.06 gallons	Replicate/Code No.		Sampled by	Sommer Guy
	Purge Start	11:15						
	Purge End	12:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:16	0	200	9.25	0.00	7.82	4.35	193.00	0.72	18.3	9.8	Cloudy, Small Black Particulates, Small White Particulates, Yellow	Faint Odor
11:21	5	200	9.67	0.26	7.88	2.45	180.00	0.26	18.5	-79.1	Cloudy, Small Black Particulates, Small White Particulates, Yellow	Faint Odor
11:26	5	200	9.85	0.52	7.73	1.98	143.00	0.18	18.0	-89.2	Clear, Cloudy, Small White Particulates, Yellow	No Odor
11:31	5	200	9.90	0.78	7.72	2.31	96.70	0.13	17.8	-107.0	Clear, Cloudy, Small White Particulates, Yellow	No Odor
11:36	5	200	9.93	1.04	7.71	3.04	76.70	0.13	17.9	-126.0	Clear, Cloudy, Small Black Particulates, Small White Particulates, Yellow	No Odor
11:41	5	200	9.94	1.30	7.70	3.90	47.90	0.10	17.8	-139.2	Clear, Small White Particulates, Yellow	No Odor
11:46	5	200	9.95	1.56	7.69	4.73	36.00	0.09	17.7	-147.0	Clear, Small White Particulates, Yellow	No Odor
11:51	5	200	9.95	1.82	7.69	5.52	27.80	0.13	17.7	-152.6	Clear, Small White Particulates	No Odor
11:56	5	200	9.95	2.08	7.68	6.39	21.20	0.11	17.6	-156.0	Clear, Small White Particulates	No Odor
12:01	5	150	9.95	2.34	7.67	7.09	14.50	0.08	17.6	-157.8	Clear, Small White Particulates	No Odor
12:06	5	200	9.95	2.54	7.65	7.72	10.40	0.10	17.6	-158.9	Clear, Small White Particulates	No Odor
12:11	5	200	9.95	2.80	7.64	8.31	12.10	0.09	17.6	-159.3	Clear, Small White Particulates	No Odor
12:16	5	200	9.95	3.06	7.62	8.87	11.90	0.09	17.6	-158.8	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Fair,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-47			Date	08-15-2022
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Mostly Cloudy. The wind is blowing E/NE at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.71	Total Depth (ft-bmp)	20.01	Water Column (ft.)	11.3	Gallons in Well	1.84
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.17		--		Samantha Hindle
Sample Time:	Label 15:00	Volume Purged	2.16 gallons	Replicate/Code No.		Sampled by	
	Purge Start 13:57						
	Purge End 15:04						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:59	0	140	8.98	0.00	7.12	9.84	27.20	2.87	21.3	-135.7	Clear, Small White Particulates	No Odor
14:04	5	140	8.98	0.18	7.08	10.13	19.00	1.86	20.5	-240.4	Clear, Small White Particulates	No Odor
14:09	5	140	8.98	0.36	7.08	10.15	14.10	1.52	20.2	-279.0	Clear	No Odor
14:14	5	140	8.98	0.54	7.08	10.22	11.80	1.33	20.3	-281.1	Clear	No Odor
14:19	5	140	8.98	0.72	7.07	10.48	14.40	1.04	20.4	-308.0	Clear	No Odor
14:24	5	140	8.98	0.90	7.07	10.48	12.70	1.02	20.4	-307.1	Clear	No Odor
14:29	5	140	8.98	1.08	7.07	10.53	15.90	1.04	19.7	-325.0	Clear	No Odor
14:34	5	140	8.98	1.26	7.07	10.54	13.30	0.92	19.7	-334.9	Clear	No Odor
14:39	5	140	9.00	1.44	7.08	10.59	15.00	0.88	19.7	-349.6	Clear	No Odor
14:44	5	140	9.00	1.62	7.07	10.59	21.80	0.80	20.0	-351.7	Clear	No Odor
14:49	5	140	9.00	1.80	7.07	10.63	16.20	0.98	20.0	-324.0	Clear	No Odor
14:54	5	140	9.00	1.98	7.07	10.62	18.40	0.94	20.1	-343.7	Clear	No Odor
14:59	5	140	9.00	2.16	7.07	10.58	22.40	0.81	20.3	-349.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	On-site N	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-48			Date	08-19-2022
Project Name/Location	Ford LTP			Weather	77.0 degrees F and Mostly Clear. The wind is blowing S at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17.0-22.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.7	Total Depth (ft-bmp)	21.6	Water Column (ft.)	12.9	Gallons in Well	2.1
		Pump Intake (ft-bmp)	19.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.03		--		Samantha Hindle
Sample Time:	Label 12:40	Volume Purged	2.16 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:38						
	Purge End 12:46						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:39	0	140	8.70	0.00	7.52	5.67	2.47	1.17	21.4	-136.2	Clear	No Odor
11:44	5	140	8.70	0.18	7.53	5.67	40.10	1.03	21.5	-137.5	Clear	No Odor
11:49	5	140	8.70	0.36	7.56	5.65	45.60	0.86	22.4	-157.5	Clear	No Odor
11:54	5	140	8.80	0.54	7.60	5.74	40.80	0.75	21.0	-160.0	Clear	No Odor
11:59	5	140	8.80	0.72	7.60	5.61	46.50	0.73	21.1	-166.4	Clear	No Odor
12:04	5	140	8.80	0.90	7.60	5.60	32.30	0.69	21.3	-166.3	Clear	No Odor
12:09	5	140	8.90	1.08	7.60	5.61	30.00	0.65	21.2	-165.2	Clear	No Odor
12:14	5	140	8.90	1.26	7.60	5.54	35.20	0.66	21.6	-165.2	Clear	No Odor
12:19	5	140	8.92	1.44	7.61	5.53	25.30	0.67	21.6	-165.0	Clear	No Odor
12:24	5	140	8.92	1.62	7.61	5.54	26.50	0.67	21.4	-165.0	Clear	No Odor
12:29	5	140	8.92	1.80	7.61	5.52	20.50	0.67	21.4	-164.9	Clear	No Odor
12:34	5	140	8.92	1.98	7.60	5.47	3.55	0.62	21.7	-164.9	Clear	No Odor
12:39	5	140	8.92	2.16	7.61	5.44	4.00	0.60	22.0	-157.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments 2 Bolts rusted on

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-50			Date	08-18-2022
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Partly Cloudy. The wind is blowing S at 6.9 mph. 45% humidity, 29.98" Hg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.04	Total Depth (ft-bmp)	18.53	Water Column (ft.)	11.49	Gallons in Well	1.87
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.67		DUP-03		
Sample Time: Label	13:55	Volume Purged	3.12 gallons	Replicate/Code No.		Sampled by	Sommer Guy
Purge Start	12:49						
Purge End	13:58						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:50	0	200	7.42	0.00	9.51	0.47	53.40	1.09	18.1	-104.8	Clear, Small Black Particulates	No Odor
12:55	5	200	7.44	0.26	8.22	0.32	25.90	0.46	17.6	-50.1	Clear, Small Black Particulates, Small White Particulates	No Odor
13:00	5	200	7.44	0.52	7.42	0.56	10.90	0.27	17.6	-64.9	Clear, Small Black Particulates, Small White Particulates	No Odor
13:05	5	200	7.44	0.78	7.19	1.04	6.43	0.20	17.6	-98.6	Clear	No Odor
13:10	5	200	7.44	1.04	7.17	1.49	4.20	0.14	17.6	-113.9	Clear	No Odor
13:15	5	200	7.44	1.30	7.20	1.97	2.76	0.13	17.5	-120.8	Clear	No Odor
13:20	5	200	7.44	1.56	7.19	2.47	2.31	0.12	17.8	-123.2	Clear	No Odor
13:25	5	200	7.44	1.82	7.19	2.98	2.24	0.09	17.4	-123.1	Clear	No Odor
13:30	5	200	7.44	2.08	7.19	3.36	1.64	0.08	17.4	-121.1	Clear	No Odor
13:35	5	200	7.44	2.34	7.17	3.71	2.35	0.06	17.3	-118.5	Clear	No Odor
13:40	5	200	7.44	2.60	7.16	3.97	1.98	0.08	17.2	-115.8	Clear	No Odor
13:45	5	200	7.44	2.86	7.15	4.17	1.77	0.07	17.3	-113.7	Clear	No Odor
13:50	5	200	7.44	3.12	7.14	4.37	1.56	0.07	17.4	-111.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, N	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-52			Date	08-20-2022
Project Name/Location		Ford LTP	Weather	70 F, 81% Humidity, S 3 mph wind, 29.39" Hg, Mostly Cloudy.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.1	Total Depth (ft-bmp)	19.75	Water Column (ft.)	11.65	Gallons in Well	1.89
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.48		--		Christian Garrido
Sample Time: Label	11:50	Volume Purged	0.9 gallons	Replicate/Code No.		Sampled by	
Purge Start	11:16						
Purge End	11:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	110	8.10	0.00	7.26	6.64	21.40	0.57	17.9	-89.3	Clear, Small Orange Particulates	No Odor
11:25	5	110	8.12	0.15	7.23	6.60	9.92	0.31	17.9	-97.5	Clear, Small Orange Particulates	No Odor
11:30	5	110	8.14	0.30	7.24	6.55	7.41	0.19	17.6	-111.1	Clear	No Odor
11:35	5	110	8.15	0.45	7.25	6.65	0.02	0.16	17.5	-117.8	Clear	No Odor
11:40	5	110	8.16	0.60	7.25	6.73	0.02	0.14	17.4	-123.5	Clear	No Odor
11:45	5	110	8.18	0.75	7.25	6.84	0.02	0.13	17.3	-127.2	Clear	No Odor
11:50	5	110	8.19	0.90	7.25	6.90	0.02	0.12	17.3	-129.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-53			Date	08-08-2022
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Mostly Cloudy. The wind is blowing S at 6.9 mph. 90% humidity, 29.93 inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.53	Total Depth (ft-bmp)	20.82	Water Column (ft.)	15.29	Gallons in Well	2.48
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.67		--		Sommer Guy
Sample Time: Label	10:27	Volume Purged	1.66 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:41						
Purge End	10:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:42	0	200	7.83	0.00	7.33	9.15	6.36	6.36	17.0	-100.5	Clear, Small White Particulates	Faint Odor
09:47	5	150	7.86	0.26	7.20	9.34	6.15	5.37	17.4	-137.3	Clear, Small White Particulates	Faint Odor
09:52	5	150	7.88	0.46	7.21	9.38	3.20	4.22	17.1	-140.0	Clear, Small White Particulates	Faint Odor
09:57	5	150	7.90	0.66	7.22	9.32	3.63	3.74	17.0	-138.0	Clear	Faint Odor
10:02	5	150	7.90	0.86	7.23	9.24	2.87	3.45	17.2	-135.6	Clear	Faint Odor
10:07	5	150	7.90	1.06	7.23	9.25	0.87	3.19	17.1	-135.9	Clear	Faint Odor
10:12	5	150	7.90	1.26	7.23	9.30	1.74	2.74	17.0	-136.1	Clear	Faint Odor
10:17	5	150	7.90	1.46	7.22	9.33	2.51	2.60	16.9	-134.3	Clear	No Odor
10:22	5	150	7.90	1.66	7.22	9.36	0.99	2.58	16.9	-132.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	On site, NE	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-54			Date	08-09-2022
Project Name/Location		Ford LTP		Weather	69.1 degrees F and Partly Cloudy. The wind is blowing N at 8.1 mph. 64% humidity, 30.08 inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.57	Total Depth (ft-bmp)	20.88	Water Column (ft.)	13.31	Gallons in Well	2.16
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.65		--		Sommer Guy
Sample Time: Label	10:38	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:58						
Purge End	10:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:59	0	150	7.98	0.00	7.39	12.11	29.10	9.78	14.2	-147.4	Clear, Small Brown Particulates, Small White Particulates	No Odor
10:04	5	150	8.04	0.20	7.48	12.09	24.70	9.15	13.7	-159.6	Clear, Small Brown Particulates, Small White Particulates	No Odor
10:09	5	150	8.04	0.40	7.53	11.57	12.60	8.76	13.8	-161.6	Clear, Small Brown Particulates	No Odor
10:14	5	150	8.05	0.60	7.54	11.26	5.13	8.65	13.6	-160.5	Clear, Small Brown Particulates	No Odor
10:19	5	150	8.05	0.80	7.55	11.45	5.96	8.60	13.6	-160.1	Clear, Small Brown Particulates	No Odor
10:24	5	150	8.06	1.00	7.55	11.64	2.87	8.41	13.5	-160.4	Clear	No Odor
10:29	5	150	8.07	1.20	7.56	11.75	3.20	8.18	13.5	-160.7	Clear	No Odor
10:34	5	150	8.08	1.40	7.57	11.82	3.41	7.94	13.4	-160.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	On-site, NE	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-54S			Date	08-09-2022
Project Name/Location	Ford LTP			Weather	64.9 degrees F and Mostly Cloudy. The wind is blowing N at 5.8 mph. 72% humidity, 30.06inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.88	Total Depth (ft-bmp)	9.21	Water Column (ft.)	5.33	Gallons in Well	0.87
		Pump Intake (ft-bmp)	6.38	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.76		--		
Sample Time: Label	09:13	Volume Purged	2.4 gallons	Replicate/Code No.		Sampled by	Sommer Guy
Purge Start	08:08						
Purge End	09:17						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:10	0	150	3.98	0.00	8.76	0.71	18.90	5.21	19.9	178.8	Clear	No Odor
08:15	5	150	4.10	0.20	7.34	0.43	12.30	4.89	19.9	207.3	Clear	No Odor
08:20	5	150	4.23	0.40	7.12	0.35	8.95	4.42	19.9	210.4	Clear	No Odor
08:25	5	150	4.35	0.60	7.08	0.37	10.20	4.30	19.9	214.7	Clear	No Odor
08:30	5	150	4.48	0.80	7.09	0.38	7.95	4.21	19.9	218.4	Clear	No Odor
08:35	5	150	4.68	1.00	7.10	0.38	6.18	4.39	19.8	221.0	Clear	No Odor
08:40	5	150	4.77	1.20	7.14	0.37	5.96	4.42	19.8	222.4	Clear	No Odor
08:45	5	150	4.93	1.40	7.20	0.36	5.32	4.53	19.7	223.2	Clear	No Odor
08:50	5	150	5.10	1.60	7.24	0.39	4.91	4.38	19.7	226.8	Clear	No Odor
08:55	5	150	5.22	1.80	7.20	0.41	4.92	4.33	19.6	227.6	Clear	No Odor
09:00	5	150	5.34	2.00	7.23	0.38	3.90	4.44	19.6	226.0	Clear	No Odor
09:05	5	150	5.50	2.20	7.27	0.38	6.19	4.58	19.5	225.8	Clear	No Odor
09:10	5	150	5.63	2.40	7.27	0.38	7.15	4.75	19.4	226.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	On site, NE	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-57			Date	08-08-2022
Project Name/Location		Ford LTP		Weather	76F, Cloudy, SSW 10mph, 87% humidity, 29.92inHg		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	17.0-22.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		7.03	Total Depth (ft-bmp)	21.69	Water Column (ft.)	14.66	Gallons in Well	2.38
			Pump Intake (ft-bmp)	19.5	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	0.5		--		
Sample Time:	Label	11:33	Volume Purged	1.2 gallons	Replicate/Code No.		Sampled by	Sommer Guy
	Purge Start	10:56						
	Purge End	11:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:57	0	150	7.50	0.00	8.01	10.88	17.20	1.16	19.1	-43.5	Clear	Faint Odor
11:02	5	150	8.45	0.20	7.56	11.16	21.00	0.28	19.0	-126.9	Clear	No Odor
11:07	5	150	8.95	0.40	7.55	11.11	21.30	0.14	18.9	-133.1	Clear	No Odor
11:12	5	150	9.30	0.60	7.55	11.08	22.80	0.10	18.7	-134.0	Clear	No Odor
11:17	5	150	9.53	0.80	7.56	11.03	15.60	0.08	18.8	-135.1	Clear	No Odor
11:22	5	150	9.68	1.00	7.54	10.95	15.00	0.09	18.7	-136.9	Clear	No Odor
11:27	5	150	976.00	1.20	7.53	10.84	15.30	0.08	18.7	-138.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	On site, NE	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-62			Date	08-19-2022
Project Name/Location	Ford LTP			Weather	81 F, 49% Humidity, S 12 mph wind, 29.38" Hg, Fair.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.3	Total Depth (ft-bmp)	21.15	Water Column (ft.)	12.85	Gallons in Well	2.09
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.72		--		
Sample Time: Label	12:20	Volume Purged	1.5 gallons	Replicate/Code No.		Sampled by	Christian Garrido
Purge Start	11:27						
Purge End	12:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:30	0	110	8.30	0.00	7.21	5.26	3.84	0.55	20.1	-72.2	Clear	No Odor
11:35	5	110	8.33	0.15	7.21	5.27	1.08	0.51	20.1	-75.1	Clear	No Odor
11:40	5	110	8.35	0.30	7.20	5.28	0.02	0.45	20.5	-93.2	Clear	No Odor
11:45	5	110	8.35	0.45	7.19	5.28	0.02	0.39	20.4	-103.4	Clear	No Odor
11:50	5	110	8.35	0.60	7.18	5.24	0.02	0.20	19.9	-114.9	Clear	No Odor
11:55	5	110	8.35	0.75	7.17	5.24	0.02	0.13	19.8	-121.9	Clear	No Odor
12:00	5	110	8.35	0.90	7.16	5.33	0.02	0.11	19.8	-126.3	Clear	No Odor
12:05	5	110	8.35	1.05	7.15	5.43	0.02	0.10	19.8	-128.4	Clear	No Odor
12:10	5	110	8.35	1.20	7.14	5.56	0.02	0.09	19.7	-130.5	Clear	No Odor
12:15	5	110	8.35	1.35	7.12	5.68	0.02	0.08	19.7	-131.6	Clear	No Odor
12:20	5	110	8.35	1.50	7.12	5.71	0.02	0.07	19.7	-133.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-63			Date	08-15-2022
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Mostly Cloudy. The wind is blowing E/NE at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7.0-12.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.9	Total Depth (ft-bmp)	11.75	Water Column (ft.)	4.85	Gallons in Well	0.79
		Pump Intake (ft-bmp)	9.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.3		--		
Sample Time: Label	16:10	Volume Purged	1.82 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	15:29						
Purge End	16:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:31	0	200	6.96	0.00	7.41	2.95	6.96	1.84	23.9	-184.1	Clear, Small Black Particulates	No Odor
15:36	5	200	6.96	0.26	7.27	2.94	0.96	0.31	22.2	-369.9	Clear	No Odor
15:41	5	200	7.00	0.52	7.28	2.94	1.00	0.21	22.0	-402.5	Clear	No Odor
15:46	5	200	7.00	0.78	7.30	2.95	0.11	0.18	22.0	-405.9	Clear	No Odor
15:51	5	200	7.00	1.04	7.32	2.97	0.33	0.17	21.9	-419.1	Clear	No Odor
15:56	5	200	7.00	1.30	7.32	2.99	0.02	0.15	21.8	-431.2	Clear	No Odor
16:01	5	200	7.00	1.56	7.32	2.98	0.02	0.16	21.9	-422.7	Clear	No Odor
16:06	5	200	6.95	1.82	7.33	2.99	0.02	0.14	22.1	-422.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	On-site N	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-64			Date	08-15-2022
Project Name/Location	Ford LTP	Weather	64.9 degrees F and Cloudy. The wind is blowing N at 6.9 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.9	Total Depth (ft-bmp)	20.02	Water Column (ft.)	11.12	Gallons in Well	1.81
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.39		--		Samantha Hindle
Sample Time:	Label 11:35	Volume Purged	2.52 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:31						
	Purge End 11:37						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:32	0	160	8.98	0.00	7.04	5.85	3.44	2.21	19.0	49.0	Clear	No Odor
10:37	5	160	8.95	0.21	7.03	6.04	2.22	1.58	18.9	14.7	Clear	No Odor
10:42	5	160	8.95	0.42	7.04	6.78	2.10	1.53	18.4	-233.9	Clear	No Odor
10:47	5	160	8.95	0.63	7.05	6.89	0.42	1.33	18.2	-335.9	Clear	No Odor
10:52	5	160	8.95	0.84	7.05	6.94	0.50	1.22	18.2	-361.0	Clear	No Odor
10:57	5	160	8.95	1.05	7.05	7.01	1.27	1.08	18.1	-387.9	Clear	No Odor
11:02	5	160	8.95	1.26	7.05	7.07	1.22	1.05	18.2	-393.6	Clear	No Odor
11:07	5	160	8.95	1.47	7.05	7.09	0.48	1.16	18.1	-402.5	Clear	No Odor
11:12	5	160	8.95	1.68	7.06	7.13	0.02	0.90	18.2	-402.8	Clear	No Odor
11:17	5	160	8.95	1.89	7.06	7.16	0.02	0.69	18.2	-410.3	Clear	No Odor
11:22	5	160	8.95	2.10	7.06	7.17	0.02	0.75	18.2	-410.6	Clear	No Odor
11:27	5	160	8.95	2.31	7.06	7.20	0.02	0.67	18.3	-395.7	Clear	No Odor
11:32	5	160	8.95	2.52	7.06	7.21	0.02	0.67	18.4	-391.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	On-site E	Well Locked at Arrival:	n/a
Condition of Well:	Fair,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-67			Date	08-19-2022
Project Name/Location	Ford LTP			Weather	77.0 degrees F and Mostly Clear. The wind is blowing S at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.0-14.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.3	Total Depth (ft-bmp)	13.66	Water Column (ft.)	5.36	Gallons in Well	0.87
		Pump Intake (ft-bmp)	11.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.45		DUP-04		
Sample Time: Label	13:55	Volume Purged	1.26 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	13:11						
Purge End	14:01						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:12	0	140	8.30	0.00	7.16	3.70	3.91	2.79	22.5	-16.7	Clear	No Odor
13:17	5	140	8.30	0.18	7.12	3.74	4.44	1.70	22.3	-28.0	Clear	No Odor
13:22	5	140	8.30	0.36	7.20	4.05	4.20	1.93	23.1	-43.6	Clear	No Odor
13:27	5	140	8.30	0.54	7.21	4.07	0.53	1.98	23.3	-43.8	Clear	No Odor
13:32	5	140	8.30	0.72	7.22	4.08	1.89	1.81	23.8	-42.3	Clear	No Odor
13:37	5	140	8.30	0.90	7.30	4.38	0.02	1.25	22.0	-31.9	Clear	No Odor
13:42	5	140	8.30	1.08	7.20	4.36	0.02	1.20	21.5	-29.7	Clear	No Odor
13:47	5	140	8.30	1.26	7.22	4.37	0.02	1.21	21.8	-26.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-68		Date	08-17-2022	
Project Name/Location	Ford LTP		Weather	78.1 degrees F and Mostly Cloudy. The wind is blowing N/NW at 5.8 mph. 42% humidity, 30.05 inHg			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.25	Total Depth (ft-bmp)	19.63	Water Column (ft.)	11.38	Gallons in Well	1.85
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.55		--		Sommer Guy
Sample Time:	Label 15:18	Volume Purged	2.86 gallons	Replicate/Code No.		Sampled by	
	Purge Start 14:17						
	Purge End 15:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:18	0	200	8.29	0.00	7.36	13.59	23.70	0.61	19.7	37.3	Clear, Small Black Particulates, Small White Particulates	Slight Odor
14:23	5	200	8.30	0.26	7.35	13.62	14.90	0.17	18.8	31.8	Clear, Small Black Particulates, Small White Particulates	Slight Odor
14:28	5	200	8.30	0.52	7.36	13.59	12.00	0.16	18.8	19.7	Clear, Small White Particulates	Slight Odor
14:33	5	200	8.30	0.78	7.37	13.54	10.70	0.12	18.8	9.7	Clear, Small White Particulates	Faint Odor
14:38	5	200	8.30	1.04	7.38	13.35	11.90	0.11	18.7	3.5	Clear, Small White Particulates	No Odor
14:43	5	200	8.30	1.30	7.38	13.03	10.20	0.09	18.7	0.1	Clear, Small White Particulates	Faint Odor
14:48	5	200	8.30	1.56	7.38	12.93	12.10	0.06	18.5	-1.2	Clear, Small White Particulates	No Odor
14:53	5	200	8.30	1.82	7.38	13.29	12.90	0.06	18.6	-1.6	Clear, Small White Particulates	No Odor
14:58	5	200	8.30	2.08	7.38	13.72	15.80	0.06	18.6	-1.8	Clear, Small White Particulates	No Odor
15:03	5	200	8.30	2.34	7.39	13.99	12.30	0.05	18.4	-2.2	Clear, Small White Particulates	Faint Odor
15:08	5	200	8.30	2.60	7.40	14.04	12.80	0.07	18.4	-2.4	Clear, Small White Particulates	No Odor
15:13	5	200	8.30	2.86	7.40	14.11	12.50	0.06	18.6	-2.4	Clear, Small White Particulates	Faint Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	On site, S	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Fair,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-69			Date	08-15-2022
Project Name/Location	Ford LTP	Weather	64.9 degrees F and Cloudy. The wind is blowing N at 6.9 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.8	Total Depth (ft-bmp)	19.9	Water Column (ft.)	11.1	Gallons in Well	1.8
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.4		--		Samantha Hindle
Sample Time:	Label 13:05	Volume Purged	2.52 gallons	Replicate/Code No.		Sampled by	
	Purge Start 12:02						
	Purge End 13:08						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:03	0	160	8.80	0.00	7.15	6.36	17.40	2.41	19.7	-121.0	Clear, Small Orange Particulates	No Odor
12:08	5	160	8.90	0.21	7.16	6.36	12.00	1.61	19.8	-192.9	Clear	No Odor
12:13	5	160	8.95	0.42	7.17	6.33	10.90	1.53	20.1	-248.8	Clear	No Odor
12:18	5	160	8.96	0.63	7.17	6.35	13.20	1.53	20.1	-295.5	Clear	No Odor
12:23	5	160	8.95	0.84	7.17	6.38	21.90	1.07	19.9	-363.5	Clear, Cloudy	No Odor
12:28	5	160	8.95	1.05	7.17	6.39	18.60	1.51	20.3	-396.5	Clear	No Odor
12:33	5	160	8.95	1.26	7.17	6.41	17.10	0.81	20.4	-390.4	Clear	No Odor
12:38	5	160	8.95	1.47	7.17	6.39	20.60	1.31	20.6	-386.6	Clear	No Odor
12:43	5	160	8.95	1.68	7.16	6.36	17.00	1.30	21.9	-370.3	Clear	No Odor
12:48	5	160	8.95	1.89	7.17	6.46	17.00	1.27	21.6	-368.5	Clear	No Odor
12:53	5	160	8.95	2.10	7.16	6.51	20.60	0.94	21.0	-360.0	Clear	No Odor
12:58	5	160	8.95	2.31	7.16	6.58	15.80	0.87	20.9	-354.0	Clear	No Odor
13:03	5	160	8.95	2.52	7.15	6.64	15.40	1.34	21.0	-330.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	On-site E	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Fair,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-70			Date	08-18-2022
Project Name/Location		Ford LTP		Weather	82.0 degrees F and Partly Cloudy. The wind is blowing SW at 9.2 mph. 41% humidity, 29.96" Hg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.72	Total Depth (ft-bmp)	20.12	Water Column (ft.)	10.4	Gallons in Well	1.69
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.92		--		Sommer Guy
Sample Time:	Label 15:00	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	
	Purge Start 14:23						
	Purge End 15:03						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:24	0	200	9.83	0.00	7.12	8.29	20.80	0.97	19.5	-60.1	Clear, Small White Particulates	No Odor
14:29	5	200	9.83	0.26	7.10	8.33	14.40	0.23	18.7	-85.4	Clear, Small White Particulates	No Odor
14:34	5	200	9.82	0.52	7.10	8.38	8.03	0.22	18.6	-89.4	Clear, Small White Particulates	No Odor
14:39	5	200	9.82	0.78	7.11	8.47	6.34	0.18	18.4	-91.2	Clear	No Odor
14:44	5	200	9.82	1.04	7.11	8.53	4.98	0.15	18.4	-92.7	Clear	No Odor
14:49	5	200	9.82	1.30	7.12	8.54	4.76	0.10	18.7	-93.6	Clear	No Odor
14:54	5	200	9.82	1.56	7.12	8.60	2.53	0.12	18.5	-94.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-71			Date	08-19-2022
Project Name/Location	Ford LTP			Weather	63.0 degrees F and Mostly Cloudy. The wind is blowing S at 4.7 mph. 73% humidity, 30.02 inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.75	Total Depth (ft-bmp)	20.16	Water Column (ft.)	9.41	Gallons in Well	1.53
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.02		--		Sommer Guy
Sample Time: Label	09:55	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:19						
Purge End	09:58						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:20	0	200	11.02	0.00	6.93	17.00	4.87	0.58	18.6	-61.1	Clear, Small White Particulates	Faint Odor
09:25	5	200	11.03	0.26	6.98	17.14	4.78	0.37	18.4	-114.5	Clear, Small White Particulates	Faint Odor
09:30	5	200	11.04	0.52	7.02	16.98	10.70	0.24	18.2	-122.7	Clear, Small White Particulates	No Odor
09:35	5	200	11.04	0.78	7.03	16.82	10.90	0.19	18.2	-124.0	Clear, Small White Particulates	Faint Odor
09:40	5	200	11.04	1.04	7.03	16.82	11.10	0.15	18.2	-126.7	Clear, Small White Particulates	Faint Odor
09:45	5	200	11.04	1.30	7.03	16.88	10.80	0.16	18.2	-127.7	Clear, Small White Particulates	No Odor
09:50	5	200	11.04	1.56	7.04	16.95	11.30	0.16	18.2	-128.2	Clear, Small White Particulates	Faint Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-208S			Date	08-06-2022
Project Name/Location	Ford LTP			Weather	82.9 degrees F and Mostly Clear. The wind is blowing SW at 6.9 mph. 69% humidity, 30.09inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.0-14.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.2	Total Depth (ft-bmp)	13.59	Water Column (ft.)	3.39	Gallons in Well	0.55
		Pump Intake (ft-bmp)	11.7	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.84		--		Sommer Guy
Sample Time:	Label 12:00	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:25						
	Purge End 12:03						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:26	0	200	10.22	0.00	7.93	13.29	2.85	0.49	21.7	-31.0	Clear	Faint Odor
11:31	5	200	10.22	0.26	7.34	13.15	4.12	0.50	20.9	-7.0	Clear	Faint Odor
11:36	5	200	10.22	0.52	7.20	13.20	3.46	0.60	20.7	-1.1	Clear	No Odor
11:41	5	200	10.22	0.78	7.15	13.27	1.36	0.62	21.0	-27.8	Clear	Faint Odor
11:46	5	200	10.22	1.04	7.13	13.27	0.80	0.74	21.1	-31.4	Clear	No Odor
11:51	5	200	10.22	1.30	7.12	13.33	1.66	0.77	20.8	-29.4	Clear	Faint Odor
11:56	5	200	10.22	1.56	7.10	13.29	1.40	0.76	20.8	-32.7	Clear	Faint Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	On-site, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-209S			Date	08-06-2022
Project Name/Location	Ford LTP	Weather	73.9 degrees F and Fog and Fog/Mist. The wind is blowing SW at 6.9 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.5	Total Depth (ft-bmp)	12.6	Water Column (ft.)	3.1	Gallons in Well	0.5
		Pump Intake (ft-bmp)	11	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.16		--		
Sample Time: Label	09:58	Volume Purged	2.08 gallons	Replicate/Code No.		Sampled by	Christina Weaver
Purge Start	09:13						
Purge End	10:02						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:15	0	200	9.53	0.00	7.19	16.55	136.00	1.91	21.2	-0.1	Clear, Small Orange Particulates	No Odor
09:20	5	200	9.54	0.26	7.20	16.50	80.60	1.98	21.3	-40.4	Clear, Small Orange Particulates	No Odor
09:25	5	200	9.53	0.52	7.20	16.60	42.10	1.85	21.2	-68.1	Clear	No Odor
09:30	5	200	9.53	0.78	7.20	16.63	39.20	1.47	21.5	-85.5	Clear	No Odor
09:35	5	200	9.54	1.04	7.19	16.62	15.70	1.62	21.6	-85.4	Clear	No Odor
09:40	5	200	9.54	1.30	7.18	16.73	9.74	1.26	21.6	-84.8	Clear	No Odor
09:45	5	200	9.54	1.56	7.17	16.75	0.02	1.04	21.6	-82.4	Clear	No Odor
09:50	5	200	9.54	1.82	7.17	16.78	0.02	1.03	21.6	-77.9	Clear	No Odor
09:55	5	200	9.54	2.08	7.17	16.82	0.02	1.02	21.5	-74.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-210S			Date	08-06-2022
Project Name/Location	Ford LTP			Weather	80.1 degrees F and Mostly Clear. The wind is blowing SW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.42	Total Depth (ft-bmp)	12.69	Water Column (ft.)	3.27	Gallons in Well	0.53
		Pump Intake (ft-bmp)	10.92	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.94		--		
Sample Time: Label	11:35	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Christina Weaver
Purge Start	11:02						
Purge End	11:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:04	0	200	9.45	0.00	7.15	14.77	68.70	1.61	23.8	-118.7	Clear, Small Orange Particulates	No Odor
11:09	5	200	9.46	0.26	7.13	15.41	46.30	1.20	22.6	-122.7	Clear	No Odor
11:14	5	200	9.46	0.52	7.12	15.86	19.30	0.94	21.9	-131.0	Clear	No Odor
11:19	5	200	9.46	0.78	7.12	7.41	13.60	0.92	22.0	-133.2	Clear	No Odor
11:24	5	200	9.46	1.04	7.12	15.78	4.97	0.89	22.0	-133.1	Clear	No Odor
11:29	5	200	9.46	1.30	7.12	15.88	4.87	0.86	21.7	-134.7	Clear	No Odor
11:34	5	200	9.46	1.56	7.12	15.76	3.25	0.83	21.7	-133.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-211S			Date	08-20-2022
Project Name/Location		Ford LTP		Weather	70 F, 81% Humidity, S 3 mph wind, 29.39" Hg, Mostly Cloudy.		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	1.0-12.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		8.41	Total Depth (ft-bmp)	11.83	Water Column (ft.)	3.42	Gallons in Well	0.56
			Pump Intake (ft-bmp)	9.91	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	2.45		--		
Sample Time:	Label	08:50	Volume Purged	1.37 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start	08:08						
	Purge End	08:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:10	0	130	8.41	0.00	7.31	9.74	54.20	0.54	20.7	94.1	Clear, Small Orange Particulates	No Odor
08:15	5	130	8.44	0.17	7.29	9.75	39.40	0.47	20.6	90.0	Clear, Small Orange Particulates	No Odor
08:20	5	130	8.45	0.34	7.25	9.77	24.60	0.33	20.6	76.7	Clear, Small Black Particulates	No Odor
08:25	5	130	8.47	0.51	7.25	9.77	7.76	0.28	20.5	69.5	Clear	No Odor
08:30	5	130	8.48	0.68	7.24	9.80	2.82	0.26	20.4	62.0	Clear	No Odor
08:35	5	138	8.50	0.85	7.25	9.80	0.02	0.29	20.4	55.6	Clear	No Odor
08:40	5	130	8.50	1.03	7.27	9.87	0.02	0.21	20.4	48.4	Clear	No Odor
08:45	5	130	8.50	1.20	7.29	9.97	0.02	0.23	20.4	42.9	Clear	No Odor
08:50	5	130	8.50	1.37	7.31	10.04	0.02	0.25	20.4	38.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-212S			Date	08-27-2022
Project Name/Location	Ford LTP			Weather	61.0 degrees F and Mostly Clear. The wind is blowing NE at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-11.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.08	Total Depth (ft-bmp)	11.14	Water Column (ft.)	3.06	Gallons in Well	0.5
		Pump Intake (ft-bmp)	9.58	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.08		--		
Sample Time: Label	09:56	Volume Purged	2.04 gallons	Replicate/Code No.		Sampled by	Gary Schafer
Purge Start	08:53						
Purge End	10:06						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:55	0	125	8.08	0.00	7.20	10.35	98.10	0.47	21.1	155.2	Small Orange Particulates, Turbid	No Odor
09:00	5	125	8.09	0.17	7.31	10.23	72.60	0.26	21.0	138.3	Small Orange Particulates, Turbid	No Odor
09:05	5	125	8.10	0.34	7.33	9.87	43.80	0.17	20.9	127.4	Small Orange Particulates, Turbid	No Odor
09:10	5	125	8.10	0.51	7.35	9.63	31.70	0.15	21.0	121.1	Clear, Small Orange Particulates	No Odor
09:15	5	125	8.10	0.68	7.36	9.48	26.60	0.14	21.0	117.6	Clear, Small Orange Particulates	No Odor
09:20	5	125	8.10	0.85	7.36	9.40	23.80	0.13	21.0	115.6	Clear, Small Orange Particulates	No Odor
09:25	5	125	8.10	1.02	7.37	9.24	21.20	0.12	21.0	112.6	Clear	No Odor
09:30	5	125	8.10	1.19	7.38	9.12	16.80	0.11	21.0	109.6	Clear	No Odor
09:35	5	125	8.10	1.36	7.38	9.10	13.00	0.10	20.9	106.4	Clear	No Odor
09:40	5	125	8.10	1.53	7.39	9.02	9.84	0.09	21.0	104.1	Clear	No Odor
09:45	5	125	8.10	1.70	7.39	8.92	7.76	0.08	21.1	102.0	Clear	No Odor
09:50	5	125	8.10	1.87	7.39	8.81	5.80	0.08	21.0	99.9	Clear	No Odor
09:55	5	125	8.10	2.04	7.39	8.78	4.82	0.07	21.1	91.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-213S			Date	08-27-2022
Project Name/Location	Ford LTP			Weather	68.0 degrees F and Mostly Clear. The wind is blowing E at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.0-11.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.8	Total Depth (ft-bmp)	10.81	Water Column (ft.)	3.01	Gallons in Well	0.49
		Pump Intake (ft-bmp)	9.3	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.16		--		Gary Schafer
Sample Time:	Label 11:21	Volume Purged	2.04 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:18						
	Purge End 11:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	125	7.82	0.00	7.39	11.92	16.80	0.46	22.2	120.1	Clear	No Odor
10:25	5	125	7.82	0.17	7.38	11.61	13.00	0.16	21.9	101.9	Clear	No Odor
10:30	5	125	7.82	0.34	7.38	11.49	15.10	0.22	22.1	84.2	Clear	No Odor
10:35	5	125	7.82	0.51	7.38	11.18	13.30	0.09	21.8	65.6	Clear	No Odor
10:40	5	125	7.82	0.68	7.37	10.97	11.90	0.09	21.8	44.2	Clear	No Odor
10:45	5	125	7.82	0.85	7.39	10.69	8.93	0.07	21.7	12.0	Clear	No Odor
10:50	5	125	7.82	1.02	7.39	10.62	9.67	0.07	21.6	3.9	Clear	No Odor
10:55	5	125	7.82	1.19	7.40	10.54	6.72	0.07	21.7	-9.0	Clear	No Odor
11:00	5	125	7.82	1.36	7.40	10.48	5.65	0.06	21.8	-12.3	Clear	No Odor
11:05	5	125	7.82	1.53	7.39	10.38	3.39	0.06	21.8	-14.5	Clear	No Odor
11:10	5	125	7.82	1.70	7.39	10.24	2.47	0.06	21.9	-28.2	Clear	No Odor
11:15	5	125	7.82	1.87	7.39	10.23	2.21	0.06	21.9	-30.2	Clear	No Odor
11:20	5	125	7.82	2.04	7.39	10.18	2.10	0.07	21.9	-35.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-218S			Date	08-17-2022
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Partly Cloudy. The wind is blowing N/NE at 8.1 mph. 57% humidity, 30.10 inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.0-14.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.34	Total Depth (ft-bmp)	13.16	Water Column (ft.)	2.82	Gallons in Well	0.46
		Pump Intake (ft-bmp)	11.84	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.54		--		Sommer Guy
Sample Time: Label	11:25	Volume Purged	1.63 gallons	Replicate/Code No.		Sampled by	
Purge Start	10:50						
Purge End	11:28						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:51	0	250	10.38	0.00	7.04	1.58	12.40	2.26	16.0	52.2	Clear	No Odor
10:56	5	200	10.37	0.33	6.81	1.77	5.27	0.94	15.4	57.7	Clear	No Odor
11:01	5	200	10.38	0.59	6.76	1.93	5.73	1.33	15.5	62.7	Clear	No Odor
11:06	5	200	10.38	0.85	6.82	1.99	3.83	1.50	15.4	62.3	Clear	No Odor
11:11	5	200	10.38	1.11	6.87	2.03	4.97	1.27	15.4	63.5	Clear	No Odor
11:16	5	200	10.38	1.37	6.89	2.06	2.98	1.37	15.2	66.4	Clear	No Odor
11:21	5	200	10.38	1.63	6.90	2.07	4.61	1.29	15.2	68.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	On site, SE	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	MW-219S			Date	08-17-2022
Project Name/Location	Ford LTP			Weather	75 F, 57% humidity, NNE 8 mph wind, 29.45 iwc.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7.0-12.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.58	Total Depth (ft-bmp)	11.78	Water Column (ft.)	5.2	Gallons in Well	0.84
		Pump Intake (ft-bmp)	8.08	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.23				
Sample Time: Label	11:45	Volume Purged	1.87 gallons	Replicate/Code No.	MW-219S-MS_081722, MW-219S-MSD_08172	Sampled by	Christian Garrido
Purge Start	10:46						
Purge End	12:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	130	6.58	0.00	7.65	11.90	74.80	0.36	18.1	-77.0	Clear, Small Orange Particulates	No Odor
10:55	5	130	6.61	0.17	7.70	11.15	68.20	0.27	18.1	-78.9	Clear, Small Orange Particulates	No Odor
11:00	5	130	6.63	0.34	7.98	8.58	21.20	0.32	18.2	-85.0	Clear, Small Orange Particulates	No Odor
11:05	5	130	6.64	0.51	7.87	7.65	8.92	0.30	18.1	-85.0	Clear, Small Orange Particulates	No Odor
11:10	5	130	6.65	0.68	7.77	7.30	47.10	0.28	18.0	-84.1	Clear, Small Orange Particulates	No Odor
11:15	5	130	6.65	0.85	7.69	7.05	38.50	0.25	18.0	-83.2	Clear, Small Orange Particulates	No Odor
11:20	5	130	6.64	1.02	7.60	6.78	28.20	0.22	17.9	-82.1	Clear	No Odor
11:25	5	130	6.64	1.19	7.54	6.51	18.40	0.20	17.7	-80.9	Clear	No Odor
11:30	5	130	6.64	1.36	7.53	6.26	4.38	0.21	17.7	-80.0	Clear	No Odor
11:35	5	130	6.64	1.53	7.54	6.06	3.81	0.23	17.8	-79.1	Clear	No Odor
11:40	5	130	6.64	1.70	7.55	5.98	3.01	0.23	17.8	-77.7	Clear	No Odor
11:45	5	130	6.64	1.87	7.54	5.90	4.91	0.23	17.8	-76.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite; S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.401.01	Well ID	PW-16-01		Date	08-12-2022	
Project Name/Location	Ford LTP	Weather	73.9 degrees F and Mostly Clear. The wind is blowing N at 9.2 mph.37% humidity, pressure is 30.19				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.7-19.7	Casing Diameter (in.)	6	Well Material	PVC
Static Water Level (ft-bmp)	7.15	Total Depth (ft-bmp)	21.45	Water Column (ft.)	14.3	Gallons in Well	20.91
		Pump Intake (ft-bmp)	14.7	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.09		--		Sommer Guy
Sample Time: Label	13:35	Volume Purged	1.82 gallons	Replicate/Code No.		Sampled by	
Purge Start	12:50						
Purge End	13:37						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:53	0	200	7.21	0.00	7.46	6.47	21.50	1.00	19.4	-139.9	Clear, Small White Particulates	No Odor
12:58	5	200	7.22	0.26	7.32	6.39	21.80	0.32	18.7	-158.3	Clear, Yellow	No Odor
13:03	5	200	7.22	0.52	7.28	6.38	13.50	0.29	18.2	-154.9	Clear, Yellow	No Odor
13:08	5	200	7.22	0.78	7.28	6.37	18.70	0.65	18.4	-151.9	Clear, Yellow	No Odor
13:13	5	200	7.22	1.04	7.28	6.35	13.10	0.78	18.5	-149.8	Clear, Small White Particulates	No Odor
13:18	5	200	7.22	1.30	7.29	6.35	13.00	0.16	18.5	-148.7	Clear	No Odor
13:23	5	200	7.23	1.56	7.30	6.33	14.30	0.12	18.9	-147.2	Clear	No Odor
13:28	5	200	7.23	1.82	7.31	6.35	13.80	0.15	18.9	-147.1	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	On site, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-88S			Date	08-10-2022
Project Name/Location	Ford LTP			Weather	66.0 degrees F and Mostly Cloudy. The wind is blowing NE at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.62	Total Depth (ft-bmp)	12.88	Water Column (ft.)	5.26	Gallons in Well	0.85
		Pump Intake (ft-bmp)	9.18	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.33		--		Lottie Jay
Sample Time: Label	09:55	Volume Purged	1.98 gallons	Replicate/Code No.		Sampled by	
Purge Start	08:55						
Purge End	10:59						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:00	0	140	7.66	0.00	7.12	0.18	9.30	0.89	15.7	191.4	Clear, Small White Particulates	No Odor
09:05	5	140	7.66	0.18	7.95	0.16	6.48	0.58	15.4	162.4	Clear, Small White Particulates	No Odor
09:10	5	140	7.66	0.36	8.29	0.17	5.42	0.41	15.3	148.4	Clear, Small White Particulates	No Odor
09:15	5	140	7.66	0.54	8.57	0.17	5.42	0.33	15.3	132.6	Clear, Small White Particulates	No Odor
09:20	5	140	7.66	0.72	8.72	0.17	3.32	0.28	15.2	124.4	Clear	No Odor
09:25	5	140	7.66	0.90	8.78	0.17	3.24	0.25	15.3	115.8	Clear, Small White Particulates	No Odor
09:30	5	140	7.66	1.08	8.92	0.17	3.20	0.22	15.2	105.1	Clear, Small White Particulates	No Odor
09:35	5	140	7.66	1.26	8.91	0.17	1.74	0.20	15.2	87.7	Clear, Small White Particulates	No Odor
09:40	5	140	7.66	1.44	8.87	0.17	1.30	0.18	15.2	86.9	Clear, Small White Particulates	No Odor
09:45	5	140	7.66	1.62	9.10	0.17	1.83	0.35	15.2	69.3	Clear, Small White Particulates	No Odor
09:50	5	140	7.66	1.80	9.07	0.17	1.48	0.33	15.5	70.6	Clear, Small White Particulates	No Odor
09:55	5	140	7.66	1.98	9.03	0.17	1.77	0.26	15.2	68.6	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34965 Wadsworth st; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-89S			Date	08-03-2022
Project Name/Location		Ford LTP	Weather	70.0 degrees F and Cloudy. The wind is blowing S/SW at 8.1 mph. 72% humidity. 29.86inHg			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.34	Total Depth (ft-bmp)	12.63	Water Column (ft.)	7.29	Gallons in Well	1.18
		Pump Intake (ft-bmp)	6.84	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.32		--		Sommer Guy
Sample Time: Label	09:35	Volume Purged	2.74 gallons	Replicate/Code No.		Sampled by	
Purge Start	08:40						
Purge End	09:38						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:42	0	300	5.35	0.00	7.38	2.40	1.27	1.78	15.6	144.4	Clear	No Odor
08:47	5	200	5.35	0.40	7.13	3.82	1.29	0.67	14.9	133.6	Clear	No Odor
08:52	5	200	5.35	0.66	7.07	5.18	1.17	0.72	14.6	129.4	Clear	No Odor
08:57	5	200	5.35	0.92	7.07	5.78	1.07	0.64	14.4	82.6	Clear	No Odor
09:02	5	200	5.35	1.18	7.09	6.08	1.28	0.59	14.4	12.5	Clear	No Odor
09:07	5	200	5.35	1.44	7.11	6.22	0.02	0.46	14.3	-37.7	Clear	No Odor
09:12	5	200	5.35	1.70	7.14	6.25	0.44	0.45	14.3	-56.7	Clear	No Odor
09:17	5	200	5.35	1.96	7.15	6.26	3.91	0.43	14.3	-67.8	Clear	No Odor
09:22	5	200	5.35	2.22	7.16	6.22	1.24	0.39	14.3	-74.3	Clear	No Odor
09:27	5	200	5.35	2.48	7.16	6.23	1.54	0.37	14.3	-78.6	Clear	No Odor
09:32	5	200	5.35	2.74	7.17	6.24	1.51	0.36	14.3	-81.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34940 Beacon; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-90S			Date	08-08-2022
Project Name/Location		Ford LTP		Weather			87F cloudy
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		5.81	Total Depth (ft-bmp)	12.15	Water Column (ft.)	6.34	Gallons in Well	1.03
			Pump Intake (ft-bmp)	7.31	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	1.86		--		
Sample Time:	Label	15:30	Volume Purged	1.92 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start	14:39						
	Purge End	15:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:44	0	180	6.05	0.00	6.93	1.11	4.71	1.70	19.8	52.5	Clear	No Odor
14:49	5	180	6.11	0.24	6.92	1.10	5.38	2.20	20.0	18.3	Clear	No Odor
14:54	5	180	6.18	0.48	6.90	1.10	0.02	1.63	19.7	11.5	Clear	No Odor
14:59	5	180	6.37	0.72	6.92	1.11	0.02	1.45	20.1	15.5	Clear	No Odor
15:04	5	180	6.56	0.96	6.92	1.13	0.02	1.61	20.3	17.0	Clear	No Odor
15:09	5	180	6.88	1.20	6.89	1.15	0.02	0.34	19.5	-23.3	Clear	No Odor
15:14	5	180	7.05	1.44	6.89	1.14	0.02	0.39	19.4	-39.3	Clear	No Odor
15:19	5	180	7.33	1.68	6.89	1.15	0.02	0.31	19.3	-47.6	Clear	No Odor
15:24	5	180	7.51	1.92	6.90	1.15	0.02	0.29	19.3	-48.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments Runs below sample depth when pumping

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34380 capitol side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-91S			Date	08-05-2022
Project Name/Location		Ford LTP	Weather		76f		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.11	Total Depth (ft-bmp)	11.7	Water Column (ft.)	5.59	Gallons in Well	0.91
		Pump Intake (ft-bmp)	7.61	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.37		--		Sam Sukaria
Sample Time: Label	11:40	Volume Purged	2.16 gallons	Replicate/Code No.		Sampled by	
Purge Start	10:45						
Purge End	11:41						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	180	6.13	0.00	7.41	0.87	0.02	0.65	16.9	56.7	Clear, Small White Particulates	No Odor
10:55	5	180	6.14	0.24	7.33	0.88	0.02	0.68	16.7	53.4	Clear	No Odor
11:00	5	180	6.14	0.48	7.31	0.93	0.02	0.62	16.7	31.1	Clear	No Odor
11:05	5	180	6.14	0.72	7.31	1.00	0.02	0.58	16.6	-0.2	Clear	No Odor
11:10	5	180	6.14	0.96	7.30	1.07	0.02	0.54	16.7	-25.0	Clear	No Odor
11:15	5	180	6.14	1.20	7.30	1.13	0.02	0.55	16.6	-43.9	Clear	No Odor
11:20	5	180	6.14	1.44	7.29	1.19	0.02	0.49	16.5	-55.7	Clear	No Odor
11:25	5	180	6.14	1.68	7.29	1.22	0.02	0.47	16.7	-63.1	Clear	No Odor
11:30	5	180	6.14	1.92	7.29	1.23	0.02	0.44	16.6	-66.9	Clear	No Odor
11:35	5	180	6.14	2.16	7.29	1.25	0.02	0.47	16.5	-68.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12034 Brewster front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-92S			Date	08-05-2022
Project Name/Location		Ford LTP		Weather			80f cloudy
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		6.03	Total Depth (ft-bmp)	12.07	Water Column (ft.)	6.04	Gallons in Well	0.98
			Pump Intake (ft-bmp)	7.53	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	1.65		--		
Sample Time:	Label	13:45	Volume Purged	1.62 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start	12:55						
	Purge End	13:48						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:00	0	140	6.08	0.00	7.29	0.75	0.02	0.26	20.0	65.5	Clear	No Odor
13:05	5	140	6.08	0.18	7.26	0.76	0.02	0.19	20.0	45.5	Clear	No Odor
13:10	5	140	6.08	0.36	7.25	0.80	0.02	0.13	19.9	32.8	Clear	No Odor
13:15	5	140	6.08	0.54	7.25	0.83	0.02	0.15	19.7	20.1	Clear	No Odor
13:20	5	140	6.08	0.72	7.25	0.88	0.02	0.18	19.6	-2.0	Clear	No Odor
13:25	5	140	6.08	0.90	7.25	0.94	0.02	0.19	19.7	-27.8	Clear	No Odor
13:30	5	140	6.08	1.08	7.25	0.98	0.02	0.21	19.7	-43.5	Clear	No Odor
13:35	5	140	6.08	1.26	7.25	1.01	0.02	0.24	19.6	-50.4	Clear	No Odor
13:40	5	140	6.08	1.44	7.26	1.02	0.02	0.25	19.6	-53.3	Clear	No Odor
13:45	5	140	6.08	1.62	7.27	1.02	0.02	0.28	19.8	-55.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12036 Brewster front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-93S			Date	08-19-2022
Project Name/Location	Ford LTP			Weather	77.0 degrees F and Mostly Clear. The wind is blowing S at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.93	Total Depth (ft-bmp)	12.05	Water Column (ft.)	5.12	Gallons in Well	0.83
		Pump Intake (ft-bmp)	8.43	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.08		--		Lottie Jay
Sample Time:	Label 12:00	Volume Purged	0.9 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:28						
	Purge End 12:03						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:30	0	140	6.95	0.00	7.71	0.61	16.70	1.39	16.7	-19.4	Clear, Small Orange Particulates	No Odor
11:35	5	140	6.95	0.00	7.57	0.61	15.80	0.58	16.4	-12.3	Clear, Small Black Particulates, Small Orange Particulates	No Odor
11:40	5	140	6.95	0.18	7.47	0.61	8.22	0.37	16.4	-10.1	Clear, Small Black Particulates, Small Orange Particulates	No Odor
11:45	5	140	6.95	0.36	7.47	0.59	7.74	0.36	16.4	-16.8	Clear, Small Black Particulates, Small Orange Particulates, Small White Particulates	No Odor
11:50	5	140	6.95	0.54	7.48	0.59	4.83	0.40	16.5	-23.0	Clear, Small Black Particulates, Small Orange Particulates, Small White Particulates	No Odor
11:55	5	140	6.95	0.72	7.49	0.59	3.19	0.38	16.4	-28.7	Clear, Small Orange Particulates, Small White Particulates	No Odor
12:00	5	140	6.95	0.90	7.49	0.58	3.11	0.41	16.4	-32.0	Clear, Small Orange Particulates, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11775 Boston Post St; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-94S			Date	08-01-2022
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Light Rain. The wind is blowing S/SW at 16.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.09	Total Depth (ft-bmp)	12.2	Water Column (ft.)	5.11	Gallons in Well	0.83
		Pump Intake (ft-bmp)	8.59	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.88		--		
Sample Time: Label	11:10	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	10:32						
Purge End	11:13						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:37	0	200	7.12	0.00	7.20	0.73	0.02	0.98	15.2	110.3	Clear	No Odor
10:42	5	200	7.12	0.26	7.22	0.73	0.02	0.91	15.2	96.6	Clear	No Odor
10:47	5	200	7.12	0.52	7.22	0.73	0.02	0.81	15.2	90.2	Clear	No Odor
10:52	5	200	7.12	0.78	7.21	0.74	0.02	0.98	15.0	85.6	Clear	No Odor
10:57	5	200	7.12	1.04	7.21	0.75	0.02	0.95	15.1	81.8	Clear	No Odor
11:02	5	200	7.12	1.30	7.21	0.76	0.02	0.90	15.1	79.5	Clear	No Odor
11:07	5	200	7.12	1.56	7.22	0.77	0.02	0.87	15.1	76.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11680 Boston post side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-95S			Date	08-01-2022
Project Name/Location	Ford LTP			Weather	75 degrees f, 61% humidity, WNW 8 mph wind, 29.31 iwc		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.27	Total Depth (ft-bmp)	11.78	Water Column (ft.)	6.51	Gallons in Well	1.06
		Pump Intake (ft-bmp)	6.77	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.83		--		Christian Garrido
Sample Time:	Label 11:20	Volume Purged	1.94 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:17						
	Purge End 11:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	120	5.27	0.00	6.91	0.87	2.69	4.37	17.7	49.5	Clear	No Odor
10:25	5	120	5.31	0.16	6.70	0.87	0.02	3.94	17.5	66.5	Clear	No Odor
10:30	5	120	5.31	0.32	6.65	0.84	0.02	3.40	17.4	67.8	Clear	No Odor
10:35	5	130	5.35	0.48	6.63	0.86	0.02	2.84	17.6	67.2	Clear	No Odor
10:40	5	130	5.35	0.65	6.54	1.22	0.02	2.04	17.1	70.3	Clear	No Odor
10:45	5	120	5.35	0.82	6.61	1.44	0.02	1.24	17.3	63.4	Clear	No Odor
10:50	5	120	5.35	0.98	6.64	1.60	0.02	1.02	17.2	59.1	Clear	No Odor
10:55	5	120	5.35	1.14	6.65	1.74	0.02	0.94	17.2	52.8	Clear	No Odor
11:00	5	120	5.35	1.30	6.67	1.87	0.02	0.85	17.1	47.1	Clear	No Odor
11:05	5	120	5.35	1.46	6.69	1.98	0.02	0.77	17.1	40.5	Clear	No Odor
11:10	5	120	5.35	1.62	6.71	2.15	0.02	0.74	17.1	36.2	Clear	No Odor
11:15	5	120	5.35	1.78	6.74	2.58	0.02	0.73	17.1	31.2	Clear	No Odor
11:20	5	120	5.35	1.94	6.77	2.58	0.02	0.78	17.2	26.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12131 Boston Post; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-103S			Date	08-04-2022
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Light Rain. The wind is blowing W at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.77	Total Depth (ft-bmp)	6.71	Water Column (ft.)	1.94	Gallons in Well	0.32
		Pump Intake (ft-bmp)	6.27	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.59		--		Sam Sukaria
Sample Time:	Label 14:45	Volume Purged	1.47 gallons	Replicate/Code No.		Sampled by	
	Purge Start 14:03						
	Purge End 14:47						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:08	0	160	4.77	0.00	6.95	1.60	13.80	0.44	18.5	-51.5	Clear, Small Orange Particulates	No Odor
14:13	5	160	4.77	0.21	6.91	1.46	6.73	0.57	18.3	-35.2	Clear, Small Orange Particulates	No Odor
14:18	5	160	4.77	0.42	6.90	1.42	0.27	0.87	18.3	-30.9	Clear, Small Orange Particulates	No Odor
14:23	5	160	4.77	0.63	6.91	1.42	0.02	0.85	18.3	-30.4	Clear	No Odor
14:28	5	160	4.77	0.84	6.93	1.43	0.02	0.73	18.3	-31.8	Clear	No Odor
14:33	5	160	4.77	1.05	6.95	1.43	0.02	0.67	18.8	-31.6	Clear	No Odor
14:38	5	160	4.77	1.26	6.97	1.43	0.02	0.66	18.8	-31.7	Clear	No Odor
14:43	5	160	4.77	1.47	6.97	1.43	0.02	0.66	18.5	-38.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34424 capitol st back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-104S			Date	08-02-2022
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Mostly Clear. The wind is blowing at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.0-14.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.96	Total Depth (ft-bmp)	14.18	Water Column (ft.)	2.22	Gallons in Well	0.36
		Pump Intake (ft-bmp)	13.46	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.5		--		Lottie Jay
Sample Time:	Label 13:25	Volume Purged	1.26 gallons	Replicate/Code No.		Sampled by	
	Purge Start 12:45						
	Purge End 13:28						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:50	0	140	12.09	0.00	7.39	0.23	5.35	8.34	15.1	132.7	Clear	No Odor
12:55	5	140	12.09	0.18	7.60	0.23	2.60	6.99	14.3	116.9	Clear	No Odor
13:00	5	140	12.09	0.36	7.70	0.24	2.50	6.76	14.4	109.1	Clear	No Odor
13:05	5	140	12.07	0.54	7.75	0.24	2.33	6.60	14.3	102.5	Clear	No Odor
13:10	5	140	12.07	0.72	7.78	0.24	1.30	6.23	14.0	99.4	Clear	No Odor
13:15	5	140	12.07	0.90	7.76	0.24	1.86	5.74	14.3	97.2	Clear	No Odor
13:20	5	140	12.07	1.08	7.84	0.24	0.71	5.30	14.2	93.1	Clear	No Odor
13:25	5	140	12.07	1.26	7.82	0.24	0.31	5.21	14.1	93.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34900 Standish st; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-109S			Date	08-04-2022
Project Name/Location		Ford LTP		Weather	78f cloudy		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		7.05	Total Depth (ft-bmp)	12.25	Water Column (ft.)	5.2	Gallons in Well	0.84
			Pump Intake (ft-bmp)	8.55	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	2.23		--		
Sample Time:	Label	11:45	Volume Purged	1.87 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start	10:41						
	Purge End	11:47						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:46	0	125	7.07	0.00	7.73	0.57	0.02	1.17	16.5	102.0	Clear	No Odor
10:51	5	125	7.08	0.17	7.38	1.45	0.02	0.54	16.3	94.3	Clear	No Odor
10:56	5	125	7.08	0.34	7.34	1.94	0.02	0.72	16.4	77.2	Clear	No Odor
11:01	5	125	7.08	0.51	7.41	2.15	0.02	0.84	16.1	73.8	Clear	No Odor
11:06	5	125	7.08	0.68	7.32	2.57	0.02	0.84	16.0	76.5	Clear	No Odor
11:11	5	125	7.08	0.85	7.25	3.05	0.02	0.86	16.1	78.7	Clear	No Odor
11:16	5	125	7.08	1.02	7.23	3.29	0.02	0.72	16.0	79.2	Clear	No Odor
11:21	5	125	7.08	1.19	7.20	3.50	0.02	0.64	16.0	79.1	Clear	No Odor
11:26	5	125	7.08	1.36	7.20	3.65	0.02	0.60	16.0	78.8	Clear	No Odor
11:31	5	125	7.08	1.53	7.18	3.72	0.02	0.57	15.9	78.8	Clear	No Odor
11:36	5	125	7.08	1.70	7.17	3.81	0.02	0.62	15.8	78.2	Clear	No Odor
11:41	5	125	7.08	1.87	7.18	3.82	0.02	0.59	15.8	77.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34990 beacon st side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-110S			Date	08-01-2022
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Light Rain. The wind is blowing S/SW at 16.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.52	Total Depth (ft-bmp)	12.65	Water Column (ft.)	2.13	Gallons in Well	0.35
		Pump Intake (ft-bmp)	12.02	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.94		--		
Sample Time: Label	14:10	Volume Purged	1.03 gallons	Replicate/Code No.		Sampled by	Lottie Jay
Purge Start	13:35						
Purge End	14:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:40	0	140	10.60	0.00	7.31	0.34	1.66	2.62	15.4	31.3	Clear, Small White Particulates	No Odor
13:45	5	130	10.61	0.18	7.36	0.34	2.17	2.60	15.9	21.4	Clear, Small White Particulates	No Odor
13:50	5	130	10.61	0.35	7.33	0.34	1.91	2.53	15.5	18.5	Clear	No Odor
13:55	5	130	10.62	0.52	7.36	0.34	1.90	2.60	15.5	16.5	Clear	No Odor
14:00	5	130	10.62	0.69	7.45	0.34	0.90	2.41	15.8	12.1	Clear	No Odor
14:05	5	130	10.62	0.86	7.43	0.34	0.85	2.42	15.8	16.1	Clear	No Odor
14:10	5	130	10.62	1.03	7.41	0.34	0.78	2.38	15.4	19.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34850 Standish st; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-111S			Date	08-18-2022
Project Name/Location	Ford LTP			Weather	75.0 degrees F and Partly Cloudy. The wind is blowing S at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.18	Total Depth (ft-bmp)	12.68	Water Column (ft.)	3.5	Gallons in Well	0.57
		Pump Intake (ft-bmp)	10.68	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.89		--		
Sample Time: Label	12:10	Volume Purged	1.08 gallons	Replicate/Code No.		Sampled by	Lottie Jay
Purge Start	11:35						
Purge End	12:13						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:40	0	140	9.20	0.00	7.19	0.53	2.99	0.33	17.6	132.1	Clear, Small White Particulates	No Odor
11:45	5	140	9.20	0.18	7.23	0.53	1.83	0.22	17.5	119.7	Clear, Small White Particulates	No Odor
11:50	5	140	9.20	0.36	7.24	0.54	1.31	0.29	17.3	117.5	Clear, Small White Particulates	No Odor
11:55	5	140	9.20	0.54	7.23	0.55	2.33	0.35	17.3	114.4	Clear, Small White Particulates	No Odor
12:00	5	140	9.20	0.72	7.24	0.55	0.29	0.35	17.2	109.9	Clear, Small White Particulates	No Odor
12:05	5	140	9.20	0.90	7.21	0.55	0.91	0.37	17.2	108.6	Clear, Small White Particulates	No Odor
12:10	5	140	9.20	1.08	7.23	0.55	0.96	0.31	17.1	104.9	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12051 Stark Rd; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-112S			Date	08-16-2022
Project Name/Location	Ford LTP			Weather	70.0 degrees F and Mostly Clear. The wind is blowing NE at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.43	Total Depth (ft-bmp)	11.64	Water Column (ft.)	3.21	Gallons in Well	0.52
		Pump Intake (ft-bmp)	9.93	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.12		--		
Sample Time: Label	10:20	Volume Purged	1.62 gallons	Replicate/Code No.		Sampled by	Lottie Jay
Purge Start	09:30						
Purge End	10:22						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:35	0	140	8.47	0.00	6.43	0.39	25.20	5.54	15.9	224.5	Clear, Small Orange Particulates	No Odor
09:40	5	140	8.47	0.18	6.77	0.37	14.30	6.38	15.8	227.9	Clear, Small Orange Particulates	No Odor
09:45	5	140	8.47	0.36	6.99	0.37	11.60	5.55	15.8	218.7	Clear, Small Orange Particulates	No Odor
09:50	5	140	8.47	0.54	7.09	0.37	8.10	6.13	15.9	233.0	Clear, Small Orange Particulates	No Odor
09:55	5	140	8.47	0.72	7.11	0.38	6.28	5.10	15.7	211.1	Clear, Small Orange Particulates, Small White Particulates	No Odor
10:00	5	140	8.47	0.90	7.14	0.38	5.53	5.01	15.7	209.0	Clear, Small Orange Particulates, Small White Particulates	No Odor
10:05	5	140	8.47	1.08	7.16	0.38	5.11	5.09	15.8	204.2	Clear, Small Orange Particulates, Small White Particulates	No Odor
10:10	5	140	8.47	1.26	7.17	0.38	3.38	4.78	15.8	203.3	Clear, Small Orange Particulates, Small White Particulates	No Odor
10:15	5	140	8.46	1.44	7.21	0.38	3.15	4.62	15.9	202.1	Clear, Small White Particulates	No Odor
10:20	5	140	8.46	1.62	7.24	0.38	1.96	4.60	15.9	202.2	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34935 Wadsworth st; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-115S			Date	08-10-2022
Project Name/Location	Ford LTP			Weather	81.0 degrees F and Partly Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.9	Total Depth (ft-bmp)	12.52	Water Column (ft.)	6.62	Gallons in Well	1.08
		Pump Intake (ft-bmp)	7.4	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.1		--		Gary Schafer
Sample Time:	Label 15:46	Volume Purged	1.19 gallons	Replicate/Code No.		Sampled by	
	Purge Start 15:08						
	Purge End 15:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:10	0	125	5.92	0.00	7.58	0.88	18.10	0.96	19.6	26.0	Clear, Small Orange Particulates	No Odor
15:15	5	125	5.92	0.17	7.48	1.08	14.70	0.49	19.4	27.2	Clear, Small Orange Particulates	No Odor
15:20	5	125	5.92	0.34	7.41	1.31	9.57	0.31	19.3	9.2	Clear	No Odor
15:25	5	125	5.92	0.51	7.39	1.50	4.22	0.28	19.4	-8.1	Clear	No Odor
15:30	5	125	5.92	0.68	7.39	1.63	3.96	0.28	19.3	-23.3	Clear	No Odor
15:35	5	125	5.92	0.85	7.41	1.70	2.58	0.26	19.3	-35.4	Clear	No Odor
15:40	5	125	5.92	1.02	7.41	1.72	1.41	0.25	19.3	-38.4	Clear	No Odor
15:45	5	125	5.92	1.19	7.41	1.72	2.10	0.26	19.4	-42.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Front yard of 12070 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-116S			Date	08-12-2022
Project Name/Location	Ford LTP			Weather	69F, 61% humidity, ENE 8 mph wind, 29.56 iwc		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.57	Total Depth (ft-bmp)	12.8	Water Column (ft.)	3.23	Gallons in Well	0.52
		Pump Intake (ft-bmp)	11.07	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.23		--		
Sample Time: Label	11:55	Volume Purged	2.2 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	09:59						
Purge End	11:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:00	0	150	9.61	0.00	7.99	0.28	46.40	4.35	15.2	201.1	Clear, Small Orange Particulates	No Odor
10:05	5	150	9.61	0.20	7.63	0.27	33.50	3.77	14.9	202.7	Clear, Small Orange Particulates	No Odor
10:10	5	150	9.61	0.40	7.53	0.27	15.20	3.32	14.8	197.7	Clear, Small Orange Particulates	No Odor
10:15	5	150	9.61	0.60	7.51	0.27	8.63	2.91	14.7	193.1	Clear	No Odor
10:20	5	150	9.61	0.80	7.50	0.28	3.34	2.49	14.7	181.5	Clear	No Odor
10:25	5	150	9.61	1.00	7.51	0.30	1.26	2.14	14.7	166.8	Clear	No Odor
10:30	5	150	9.61	1.20	7.53	0.32	0.02	1.86	14.8	151.5	Clear	No Odor
10:35	5	150	9.61	1.40	7.56	0.33	0.02	1.72	14.8	140.5	Clear	No Odor
10:40	5	150	6.91	1.60	7.58	0.34	0.02	1.52	14.7	134.0	Clear	No Odor
10:45	5	150	6.91	1.80	7.61	0.35	0.02	1.37	14.8	129.1	Clear	No Odor
10:50	5	150	9.61	2.00	7.64	0.36	0.02	1.33	14.8	127.2	Clear	No Odor
10:55	5	150	9.61	2.20	7.65	0.36	0.02	1.29	14.8	127.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Wadsworth 34851 back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-117S			Date	08-04-2022
Project Name/Location	Ford LTP			Weather	75 F, 85% humidity, SW 9 mph wind, 29.36 iwc		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.96	Total Depth (ft-bmp)	12.44	Water Column (ft.)	4.48	Gallons in Well	0.73
		Pump Intake (ft-bmp)	9.46	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.1		--		Christian Garrido
Sample Time: Label	12:10	Volume Purged	1.53 gallons	Replicate/Code No.		Sampled by	
Purge Start	11:22						
Purge End	12:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:25	0	130	7.96	0.00	7.23	1.32	48.70	0.28	14.9	-13.6	Clear, Small Orange Particulates	No Odor
11:30	5	130	8.07	0.17	7.23	1.33	29.40	0.26	14.9	-14.3	Clear, Small Orange Particulates	No Odor
11:35	5	130	8.12	0.34	7.25	1.40	19.20	0.18	14.7	-16.4	Clear	No Odor
11:40	5	130	8.10	0.51	7.35	1.48	48.50	0.29	15.1	-24.4	Clear, Small Orange Particulates	No Odor
11:45	5	130	7.99	0.68	7.28	1.68	13.30	0.37	15.0	-28.4	Clear, Small Orange Particulates	No Odor
11:50	5	130	7.97	0.85	7.29	1.58	14.70	0.24	14.9	-38.7	Clear	No Odor
11:55	5	130	7.95	1.02	7.30	1.57	8.72	0.24	14.9	-46.6	Clear, Small Orange Particulates	No Odor
12:00	5	130	7.95	1.19	7.30	1.57	0.02	0.29	14.9	-49.5	Clear	No Odor
12:05	5	130	7.95	1.36	7.30	1.58	0.02	0.23	14.9	-54.7	Clear	No Odor
12:10	5	130	7.95	1.53	7.30	1.59	0.02	0.25	14.9	-57.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12089 Boston Post; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-118S			Date	08-10-2022
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Mostly Cloudy. The wind is blowing at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.73	Total Depth (ft-bmp)	12.42	Water Column (ft.)	5.69	Gallons in Well	0.92
		Pump Intake (ft-bmp)	8.23	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.22		--		
Sample Time: Label	14:36	Volume Purged	2.04 gallons	Replicate/Code No.		Sampled by	Gary Schafer
Purge Start	13:33						
Purge End	14:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:35	0	125	6.75	0.00	7.23	0.92	3.10	2.43	17.3	89.4	Clear, Small Orange Particulates	No Odor
13:40	5	125	6.75	0.17	7.14	1.26	2.81	1.60	16.9	104.9	Clear, Small Brown Particulates	No Odor
13:45	5	125	6.75	0.34	7.18	1.51	3.46	1.37	16.9	94.0	Clear, Small Brown Particulates	No Odor
13:50	5	125	6.75	0.51	7.23	1.68	2.81	1.18	16.7	81.1	Clear	No Odor
13:55	5	125	6.75	0.68	7.24	1.78	2.75	1.16	16.5	75.7	Clear	No Odor
14:00	5	125	6.75	0.85	7.26	1.89	1.22	1.18	16.5	63.0	Clear	No Odor
14:05	5	125	6.75	1.02	7.27	2.03	0.91	1.15	16.4	47.7	Clear	No Odor
14:10	5	125	6.75	1.19	7.29	2.12	0.33	1.04	16.3	37.2	Clear	No Odor
14:15	5	125	6.75	1.36	7.30	2.18	0.17	0.83	16.3	25.9	Clear	No Odor
14:20	5	125	6.75	1.53	7.30	2.20	0.02	0.79	16.1	18.3	Clear	No Odor
14:25	5	125	6.75	1.70	7.31	2.25	0.02	0.77	16.1	11.7	Clear	No Odor
14:30	5	125	6.75	1.87	7.31	2.29	0.02	0.72	16.1	4.4	Clear	No Odor
14:35	5	125	6.75	2.04	7.31	2.32	0.02	0.69	16.1	1.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Front yard 12124 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-119S			Date	08-17-2022
Project Name/Location		Ford LTP	Weather	75 F, 57% humidity, NNE 8 mph wind, 29.45 iwc.			
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		6.21	Total Depth (ft-bmp)	12.3	Water Column (ft.)	6.09	Gallons in Well	0.99
			Pump Intake (ft-bmp)	7.71	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	1.82		--		
Sample Time:	Label	12:40	Volume Purged	1.8 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start	11:45						
	Purge End	12:42						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:47	0	140	6.22	0.00	7.42	0.66	0.88	0.68	17.2	169.3	Clear, Small Black Particulates	No Odor
11:52	5	140	6.22	0.18	7.32	0.70	0.76	0.29	16.7	149.5	Clear, Small Black Particulates	No Odor
11:57	5	140	6.22	0.36	7.30	0.75	0.76	0.25	17.1	129.1	Clear, Small Black Particulates	No Odor
12:02	5	140	6.23	0.54	7.28	0.82	0.02	0.20	17.1	100.1	Clear	No Odor
12:07	5	140	6.23	0.72	7.26	1.01	0.02	0.25	17.0	39.4	Clear	No Odor
12:12	5	140	6.23	0.90	7.26	1.11	0.02	0.32	16.9	-7.0	Clear	No Odor
12:17	5	140	6.23	1.08	7.26	1.16	0.02	0.30	16.9	-21.4	Clear	No Odor
12:22	5	140	6.23	1.26	7.27	1.20	0.02	0.29	16.9	-27.4	Clear	No Odor
12:27	5	140	6.23	1.44	7.27	1.24	0.02	0.26	16.8	-31.4	Clear	No Odor
12:32	5	140	6.23	1.62	7.27	1.26	0.02	0.31	16.9	-35.4	Clear	No Odor
12:37	5	140	6.23	1.80	7.28	1.27	0.02	0.23	16.7	-38.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12034 Boston post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-121S			Date	08-03-2022
Project Name/Location	Ford LTP			Weather	73.0 degrees F and Cloudy. The wind is blowing S/SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.34	Total Depth (ft-bmp)	12.06	Water Column (ft.)	4.72	Gallons in Well	0.77
		Pump Intake (ft-bmp)	8.84	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.4		--		
Sample Time: Label	10:10	Volume Purged	1.08 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	09:30						
Purge End	10:11						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:35	0	140	7.36	0.00	7.18	0.65	27.70	1.40	15.9	74.5	Clear, Small Orange Particulates, Small White Particulates	No Odor
09:40	5	140	7.36	0.18	7.19	0.65	26.00	1.25	15.7	70.6	Clear, Small Orange Particulates, Small White Particulates	No Odor
09:45	5	140	7.36	0.36	7.20	0.63	6.45	1.21	15.6	69.2	Clear, Small Orange Particulates	No Odor
09:50	5	140	7.36	0.54	7.20	0.63	3.74	1.15	15.7	65.7	Clear, Small Orange Particulates	No Odor
09:55	5	140	7.36	0.72	7.20	0.63	1.70	1.14	15.6	60.0	Clear, Small Orange Particulates	No Odor
10:00	5	140	7.36	0.90	7.21	0.63	0.02	1.10	15.6	55.6	Clear	No Odor
10:05	5	140	7.36	1.08	7.21	0.63	0.02	1.12	15.6	53.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11710 Boston post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-123S			Date	08-18-2022
Project Name/Location	Ford LTP			Weather	71F, 62% humidity, S 5 mph winds, 29.35 " Hg, Partly Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.52	Total Depth (ft-bmp)	10.95	Water Column (ft.)	7.43	Gallons in Well	1.21
		Pump Intake (ft-bmp)	5.02	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.99		--		
Sample Time:	Label 10:30	Volume Purged	1.2 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start 09:55						
	Purge End 10:41						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:57	0	150	3.59	0.00	7.05	1.60	6.21	0.89	19.4	96.5	Clear, Small White Particulates	No Odor
10:02	5	150	3.59	0.20	7.03	1.73	3.46	0.23	19.0	15.2	Clear, Small White Particulates	No Odor
10:07	5	150	3.59	0.40	7.06	1.93	0.77	0.15	18.9	-38.6	Clear	No Odor
10:12	5	150	3.59	0.60	7.08	2.05	0.02	0.12	18.9	-49.7	Clear	No Odor
10:17	5	150	3.59	0.80	7.09	2.10	0.02	0.10	18.9	-54.3	Clear	No Odor
10:22	5	150	3.59	1.00	7.09	2.14	0.02	0.10	18.8	-57.0	Clear	No Odor
10:27	5	150	3.59	1.20	7.10	2.16	0.02	0.10	18.8	-58.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12075 Brewster; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-126S			Date	08-01-2022
Project Name/Location	Ford LTP			Weather	78.1 degrees F, 71% humidity, SSW 15 mph wind, 29.20 iwc		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.58	Total Depth (ft-bmp)	12.74	Water Column (ft.)	3.16	Gallons in Well	0.51
		Pump Intake (ft-bmp)	11.08	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.47		--		Lottie Jay
Sample Time: Label	11:50	Volume Purged	1.26 gallons	Replicate/Code No.		Sampled by	
Purge Start	11:00						
Purge End	11:54						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:15	0	140	9.60	0.00	6.72	0.14	9.46	4.31	14.9	70.2	Clear	No Odor
11:20	5	140	9.61	0.18	7.13	0.13	8.77	4.33	14.8	53.2	Clear	No Odor
11:25	5	140	9.61	0.36	7.19	0.13	5.09	4.46	14.8	50.4	Clear	No Odor
11:30	5	140	9.61	0.54	7.47	0.13	3.05	4.05	14.9	45.1	Clear	No Odor
11:35	5	140	9.61	0.72	7.74	0.12	1.64	4.48	14.9	36.9	Clear	No Odor
11:40	5	140	9.61	0.90	7.87	0.12	0.62	4.61	14.7	31.2	Clear	No Odor
11:45	5	140	9.61	1.08	7.96	0.12	0.74	4.61	14.8	23.8	Clear	No Odor
11:50	5	140	9.61	1.26	7.95	0.12	0.40	4.40	14.7	25.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34966 Standish st; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-127S			Date	08-18-2022
Project Name/Location	Ford LTP			Weather	80F, 52% humidity, S 7 mph wind, 29.35" Hg, partly cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.53	Total Depth (ft-bmp)	12.27	Water Column (ft.)	8.74	Gallons in Well	1.42
		Pump Intake (ft-bmp)	5.03	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.72		--		
Sample Time:	Label 13:00	Volume Purged	1.02 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start 12:25						
	Purge End 13:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:26	0	130	3.59	0.00	6.97	1.06	1.44	0.82	19.6	118.0	Clear	No Odor
12:31	5	130	3.59	0.17	6.92	1.26	0.95	0.22	19.0	34.3	Clear	No Odor
12:36	5	130	3.59	0.34	7.01	1.62	0.02	0.13	18.9	-36.5	Clear	No Odor
12:41	5	130	3.59	0.51	7.02	1.65	0.02	0.10	18.9	-41.7	Clear	No Odor
12:46	5	130	3.59	0.68	7.03	1.65	0.02	0.08	18.9	-44.6	Clear	No Odor
12:51	5	130	3.59	0.85	7.04	1.68	0.02	0.08	18.9	-50.1	Clear	No Odor
12:56	5	130	3.59	1.02	7.04	1.68	0.02	0.10	18.9	-52.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34424 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-128S			Date	08-10-2022
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Mostly Cloudy. The wind is blowing at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.0-14.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.35	Total Depth (ft-bmp)	13.56	Water Column (ft.)	6.21	Gallons in Well	1.01
		Pump Intake (ft-bmp)	8.85	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.29		--		
Sample Time: Label	14:18	Volume Purged	2.31 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	13:32						
Purge End	14:21						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:33	0	250	7.40	0.00	7.72	0.66	3.84	0.76	18.0	-261.7	Clear	No Odor
13:38	5	250	7.50	0.33	7.50	0.67	0.30	0.45	17.4	-285.3	Clear	No Odor
13:43	5	250	7.50	0.66	7.26	0.76	0.26	0.31	17.2	-279.5	Clear	No Odor
13:48	5	250	7.50	0.99	7.11	1.21	1.16	0.42	17.1	-255.2	Clear	No Odor
13:53	5	250	7.50	1.32	7.16	1.54	0.57	0.40	16.8	-261.0	Clear	No Odor
13:58	5	250	7.50	1.65	7.22	1.58	0.02	0.38	17.2	-251.0	Clear	No Odor
14:03	5	250	7.50	1.98	7.25	1.61	0.02	0.41	16.8	-248.0	Clear	No Odor
14:08	5	250	7.50	2.31	7.26	1.58	0.02	0.35	16.8	-251.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34360 Capitol st, front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-130S			Date	08-08-2022
Project Name/Location		Ford LTP		Weather			78f cloudy
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		5.02	Total Depth (ft-bmp)	13.15	Water Column (ft.)	8.13	Gallons in Well	1.32
			Pump Intake (ft-bmp)	6.52	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	0.97		--		
Sample Time:	Label	12:00	Volume Purged	1.28 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start	11:20						
	Purge End	12:02						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:25	0	170	5.04	0.00	7.09	1.58	1.40	0.60	18.5	-70.4	Clear, Small Black Particulates, Small Orange Particulates	No Odor
11:30	5	170	5.04	0.22	7.10	1.73	1.76	0.28	18.1	-75.1	Clear, Small Black Particulates, Small Orange Particulates	No Odor
11:35	5	160	5.04	0.44	7.10	1.82	0.02	0.16	18.0	-77.9	Clear, Small Black Particulates, Small Orange Particulates	No Odor
11:40	5	160	5.04	0.65	7.10	1.92	0.02	0.23	18.1	-78.3	Clear, Small Orange Particulates, Small Red Particulates	No Odor
11:45	5	160	5.04	0.86	7.10	1.98	0.02	0.12	18.0	-80.4	Clear, Small Black Particulates, Small Orange Particulates	No Odor
11:50	5	160	5.04	1.07	7.10	2.01	0.02	0.15	18.0	-81.1	Clear, Small White Particulates	No Odor
11:55	5	170	5.04	1.28	7.11	2.03	0.02	0.10	17.9	-81.6	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34600 beacon side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-143S			Date	08-18-2022
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Partly Cloudy. The wind is blowing S at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.62	Total Depth (ft-bmp)	10.1	Water Column (ft.)	1.48	Gallons in Well	0.24
		Pump Intake (ft-bmp)	9.36	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.25		--		Lottie Jay
Sample Time: Label	13:05	Volume Purged	1.26 gallons	Replicate/Code No.		Sampled by	
Purge Start	12:25						
Purge End	13:08						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:30	0	140	8.70	0.00	6.97	0.63	3.74	1.17	18.2	124.5	Clear, Small Black Particulates, Small White Particulates	No Odor
12:35	5	140	8.70	0.18	6.99	0.63	2.61	1.08	17.9	120.7	Clear, Small White Particulates	No Odor
12:40	5	140	8.70	0.36	7.06	0.63	2.97	0.83	17.7	116.4	Clear, Small White Particulates	No Odor
12:45	5	140	8.70	0.54	7.08	0.63	1.95	0.92	17.7	114.6	Clear, Small White Particulates	No Odor
12:50	5	140	8.70	0.72	7.11	0.63	0.88	0.84	17.8	112.6	Clear, Small White Particulates	No Odor
12:55	5	140	8.70	0.90	7.13	0.64	1.48	0.73	17.7	110.7	Clear, Small White Particulates	No Odor
13:00	5	140	8.70	1.08	7.13	0.64	0.85	0.70	17.7	110.0	Clear, Small White Particulates	No Odor
13:05	5	140	8.70	1.26	7.14	0.64	1.13	0.72	17.7	108.8	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12069 Stark; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-144S			Date	08-18-2022
Project Name/Location		Ford LTP	Weather	75.0 degrees F and Partly Cloudy. The wind is blowing S at 4.7 mph.			
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	7.0-12.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		9.44	Total Depth (ft-bmp)	11.67	Water Column (ft.)	2.23	Gallons in Well	0.36
			Pump Intake (ft-bmp)	10.94	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	4.5		--		
Sample Time:	Label	11:20	Volume Purged	1.62 gallons	Replicate/Code No.		Sampled by	Lottie Jay
	Purge Start	10:30						
	Purge End	11:24						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:35	0	140	9.50	0.00	6.83	0.48	410.00	1.23	15.8	224.3	Cloudy, Small Black Particulates, Yellow	No Odor
10:40	5	140	9.50	0.18	7.02	0.50	228.00	0.40	16.0	212.8	Cloudy, Small Black Particulates, Yellow	No Odor
10:45	5	140	9.50	0.36	7.13	0.51	80.30	0.28	15.9	203.7	Cloudy, Small Black Particulates, Small White Particulates	No Odor
10:50	5	140	9.50	0.54	7.16	0.52	38.90	0.22	16.1	197.7	Clear, Small Black Particulates, Small White Particulates	No Odor
10:55	5	140	9.50	0.72	7.21	0.52	17.10	0.17	15.9	191.5	Clear, Small White Particulates	No Odor
11:00	5	140	9.49	0.90	7.23	0.52	9.36	0.14	16.0	185.3	Clear, Small White Particulates	No Odor
11:05	5	140	9.49	1.08	7.24	0.53	5.16	0.13	16.0	181.3	Clear, Small White Particulates	No Odor
11:10	5	140	9.49	1.26	7.25	0.52	3.61	0.13	15.9	178.9	Clear, Small White Particulates	No Odor
11:15	5	140	9.49	1.44	7.27	0.53	2.16	0.12	16.0	175.5	Clear, Small White Particulates	No Odor
11:20	5	140	9.49	1.62	7.26	0.53	3.79	0.12	16.1	173.6	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12033 Stark Rd; front yard	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-146S			Date	08-15-2022
Project Name/Location	Ford LTP	Weather	64.9 degrees F and Cloudy. The wind is blowing N at 6.9 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.0-11.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.85	Total Depth (ft-bmp)	9.84	Water Column (ft.)	2.99	Gallons in Well	0.49
		Pump Intake (ft-bmp)	8.35	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.14		--		Lottie Jay
Sample Time:	Label 13:30	Volume Purged	2.52 gallons	Replicate/Code No.		Sampled by	
	Purge Start 12:25						
	Purge End 13:33						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:30	0	160	6.89	0.00	7.16	1.94	105.00	1.90	17.7	10.3	Clear, Small Black Particulates, Small Orange Particulates	No Odor
12:35	5	160	6.89	0.21	7.04	1.92	79.10	1.58	17.3	12.9	Clear, Small Black Particulates, Small Orange Particulates	No Odor
12:40	5	160	6.89	0.42	7.03	1.93	61.80	1.22	17.2	10.2	Clear, Small Black Particulates, Small Orange Particulates	No Odor
12:45	5	160	6.89	0.63	7.02	1.95	39.20	0.72	17.3	5.9	Clear, Small Black Particulates, Small Orange Particulates	No Odor
12:50	5	160	6.90	0.84	7.00	1.95	28.50	0.40	17.3	3.6	Clear, Small Black Particulates, Small Orange Particulates	No Odor
12:55	5	160	6.90	1.05	6.99	1.92	22.60	0.34	17.2	0.5	Clear, Small Orange Particulates	No Odor
13:00	5	160	6.90	1.26	6.98	1.89	13.90	0.22	17.3	-1.9	Clear, Small White Particulates	No Odor
13:05	5	160	6.90	1.47	6.97	1.85	8.13	0.17	17.2	-2.4	Clear, Small White Particulates	No Odor
13:10	5	160	6.90	1.68	6.97	1.81	7.91	0.22	17.2	-4.2	Clear, Small White Particulates	No Odor
13:15	5	160	6.90	1.89	6.97	1.79	6.00	0.22	17.2	-6.4	Clear	No Odor
13:20	5	160	6.90	2.10	6.96	1.77	4.61	0.19	17.2	-6.8	Clear, Small White Particulates	No Odor
13:25	5	160	6.90	2.31	6.96	1.76	3.21	0.18	17.2	-8.5	Clear, Small White Particulates	No Odor
13:30	5	160	6.90	2.52	6.96	1.75	3.21	0.16	17.3	-9.6	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34367 Capitol St; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-147S			Date	08-15-2022
Project Name/Location	Ford LTP	Weather	64.9 degrees F and Cloudy. The wind is blowing N at 6.9 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.87	Total Depth (ft-bmp)	6.31	Water Column (ft.)	2.44	Gallons in Well	0.4
		Pump Intake (ft-bmp)	5.61	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.05		--		Lottie Jay
Sample Time: Label	10:15	Volume Purged	1.62 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:25						
Purge End	10:19						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:30	0	140	4.15	0.00	6.64	1.53	15.40	0.38	18.2	146.4	Clear, Small White Particulates	No Odor
09:35	5	140	4.15	0.18	6.82	1.49	9.43	0.43	18.4	116.8	Clear, Small White Particulates	No Odor
09:40	5	140	4.15	0.36	6.84	1.51	8.66	0.50	18.3	100.3	Clear, Small White Particulates	No Odor
09:45	5	140	4.15	0.54	6.86	1.52	5.96	0.43	18.3	76.7	Clear, Small White Particulates	No Odor
09:50	5	140	4.15	0.72	6.88	1.53	3.79	0.45	18.3	54.1	Clear	No Odor
09:55	5	140	4.15	0.90	6.89	1.53	3.39	0.45	18.3	44.7	Clear, Small White Particulates	No Odor
10:00	5	140	4.15	1.08	6.90	1.53	2.91	0.44	18.4	34.6	Clear, Small White Particulates	No Odor
10:05	5	140	4.15	1.26	6.91	1.54	2.47	0.44	18.4	23.6	Clear, Small White Particulates	No Odor
10:10	5	140	4.15	1.44	6.92	1.54	2.85	0.43	18.4	18.4	Clear	No Odor
10:15	5	140	4.15	1.62	6.93	1.55	2.18	0.46	18.4	15.6	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34401 Capitol, front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-148S			Date	08-12-2022
Project Name/Location	Ford LTP			Weather	77F, 37% humidity, 6mph wind, 29.56 iwc.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.82	Total Depth (ft-bmp)	6.3	Water Column (ft.)	2.48	Gallons in Well	0.4
		Pump Intake (ft-bmp)	5.32	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.7		--		Sam Sukaria
Sample Time:	Label 13:40	Volume Purged	1.08 gallons	Replicate/Code No.		Sampled by	
	Purge Start 13:06						
	Purge End 13:43						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:08	0	140	3.90	0.00	7.03	1.39	1.66	0.48	17.6	-6.9	Clear	No Odor
13:13	5	140	3.85	0.18	7.00	1.48	0.23	0.27	17.2	-31.8	Clear	No Odor
13:18	5	140	3.85	0.36	7.01	1.51	0.02	0.19	17.3	-39.1	Clear	No Odor
13:23	5	140	3.85	0.54	7.01	1.52	0.02	0.17	17.3	-43.4	Clear	No Odor
13:28	5	140	3.85	0.72	7.01	1.52	0.02	0.13	17.3	-46.4	Clear	No Odor
13:33	5	140	3.85	0.90	7.02	1.53	0.02	0.14	17.3	-48.2	Clear	No Odor
13:38	5	140	3.85	1.08	7.02	1.53	0.02	0.12	17.2	-48.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12088 Brewster post side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-149S			Date	08-12-2022
Project Name/Location	Ford LTP			Weather	78f, 35% humidity, 0 mph wind, 29.54 iwc.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.82	Total Depth (ft-bmp)	6.5	Water Column (ft.)	3.68	Gallons in Well	0.6
		Pump Intake (ft-bmp)	4.32	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.7		--		
Sample Time:	Label 14:55	Volume Purged	1.02 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start 14:21						
	Purge End 14:58						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:23	0	130	2.91	0.00	7.16	1.71	0.02	0.86	19.8	-29.0	Clear	No Odor
14:28	5	130	2.90	0.17	7.12	1.69	0.02	0.26	19.0	-41.1	Clear	No Odor
14:33	5	130	2.90	0.34	7.10	1.69	0.02	0.14	19.0	-44.1	Clear	No Odor
14:38	5	130	2.90	0.51	7.09	1.74	0.02	0.13	19.0	-48.4	Clear	No Odor
14:43	5	130	2.90	0.68	7.08	1.77	0.02	0.13	19.0	-53.4	Clear	No Odor
14:48	5	130	2.90	0.85	7.08	1.77	0.02	0.11	19.0	-56.5	Clear	No Odor
14:53	5	130	2.90	1.02	7.08	1.76	0.02	0.13	19.0	-57.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34450, beacon back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-150S			Date	08-19-2022
Project Name/Location	Ford LTP			Weather	81F, 49% Humidity, SSW 6 mph wind, 29.38" Hg, cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.18	Total Depth (ft-bmp)	6.71	Water Column (ft.)	1.53	Gallons in Well	0.25
		Pump Intake (ft-bmp)	6.68	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.32		--		Sam Sukaria
Sample Time:	Label 12:35	Volume Purged	1.08 gallons	Replicate/Code No.		Sampled by	
	Purge Start 12:00						
	Purge End 12:38						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:03	0	140	5.21	0.00	7.04	1.14	12.10	0.56	17.4	1.9	Clear, Small White Particulates	No Odor
12:08	5	140	5.21	0.18	7.01	1.05	3.64	0.25	17.4	-1.3	Clear	No Odor
12:13	5	140	5.21	0.36	7.00	1.02	2.34	0.19	17.0	-4.6	Clear	No Odor
12:18	5	140	5.21	0.54	6.98	1.00	0.24	0.18	17.0	-6.5	Clear	No Odor
12:23	5	140	5.21	0.72	6.97	0.98	0.60	0.17	17.0	-10.1	Clear	No Odor
12:28	5	140	5.21	0.90	6.97	0.97	0.02	0.15	17.0	-7.1	Clear	No Odor
12:33	5	140	5.21	1.08	6.97	0.97	0.02	0.15	17.0	-6.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34380 Beacon; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-151S			Date	08-10-2022
Project Name/Location	Ford LTP			Weather	78f sunny		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.92	Total Depth (ft-bmp)	6.93	Water Column (ft.)	3.01	Gallons in Well	0.49
		Pump Intake (ft-bmp)	5.42	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.08		--		Sam Sukaria
Sample Time:	Label 13:50	Volume Purged	2.0 gallons	Replicate/Code No.		Sampled by	
	Purge Start 13:03						
	Purge End 13:51						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:05	0	190	3.95	0.00	7.25	2.38	38.50	0.53	18.6	-63.4	Clear, Small White Particulates	No Odor
13:10	5	190	3.95	0.25	7.11	2.36	102.00	0.21	18.5	-67.3	Clear, Small Orange Particulates, Small White Particulates	No Odor
13:15	5	190	3.95	0.50	7.10	2.36	30.90	0.21	18.6	-71.6	Clear, Small Orange Particulates, Small White Particulates	No Odor
13:20	5	190	3.95	0.75	7.10	2.35	15.10	0.15	18.8	-74.3	Clear, Small Orange Particulates, Small White Particulates	No Odor
13:25	5	190	3.95	1.00	7.10	2.35	7.84	0.12	18.9	-75.6	Clear, Small White Particulates	No Odor
13:30	5	190	3.95	1.25	7.09	2.35	7.39	0.10	18.9	-77.0	Clear	No Odor
13:35	5	190	3.95	1.50	7.09	2.35	2.79	0.08	18.8	-78.7	Clear	No Odor
13:40	5	190	3.95	1.75	7.09	2.35	0.73	0.07	18.8	-80.3	Clear	No Odor
13:45	5	190	3.95	2.00	7.09	2.35	0.02	0.05	18.8	-82.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12091 Brewster backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-152S			Date	08-10-2022
Project Name/Location	Ford LTP			Weather	77f sunny		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.09	Total Depth (ft-bmp)	6.67	Water Column (ft.)	1.58	Gallons in Well	0.26
		Pump Intake (ft-bmp)	6.59	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6		--		
Sample Time: Label	12:20	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	11:44						
Purge End	12:24						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:47	0	200	5.20	0.00	6.94	1.60	15.80	0.37	16.7	-95.4	Clear	No Odor
11:52	5	200	5.21	0.26	6.96	1.50	2.24	0.38	16.5	-84.8	Clear	No Odor
11:57	5	200	5.21	0.52	6.97	1.39	0.02	0.32	16.5	-83.6	Clear	No Odor
12:02	5	200	5.20	0.78	7.04	1.36	0.02	0.27	16.6	-82.0	Clear	No Odor
12:07	5	200	5.20	1.04	7.07	1.34	0.02	0.28	16.5	-79.3	Clear	No Odor
12:12	5	200	16.60	1.30	7.08	1.33	0.02	0.25	16.6	-77.2	Clear	No Odor
12:17	5	200	5.20	1.56	7.10	1.35	0.02	0.22	16.7	-76.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34550 Beacon, back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-153S			Date	08-08-2022
Project Name/Location		Ford LTP	Weather				74f cloudy
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		3.98	Total Depth (ft-bmp)	6	Water Column (ft.)	2.02	Gallons in Well	0.33
			Pump Intake (ft-bmp)	5.48	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	5.09		--		
Sample Time:	Label	10:40	Volume Purged	1.68 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start	09:53						
	Purge End	10:44						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:58	0	160	4.02	0.00	7.24	0.61	0.37	0.35	18.0	158.7	Clear	No Odor
10:03	5	160	4.00	0.21	7.20	0.61	0.02	0.29	18.0	139.8	Clear	No Odor
10:08	5	160	4.00	0.42	7.19	0.61	0.02	0.23	18.0	120.8	Clear	No Odor
10:13	5	160	4.00	0.63	7.19	0.61	0.02	0.17	18.0	111.6	Clear	No Odor
10:18	5	160	4.00	0.84	7.20	0.60	0.02	0.15	18.0	100.8	Clear	No Odor
10:23	5	160	4.00	1.05	7.20	0.60	0.02	0.14	17.9	92.8	Clear	No Odor
10:28	5	160	4.00	1.26	7.20	0.60	0.02	0.14	17.9	85.7	Clear	No Odor
10:33	5	160	4.00	1.47	7.21	0.60	0.02	0.13	17.9	81.0	Clear	No Odor
10:38	5	160	4.00	1.68	7.21	0.60	0.02	0.13	17.9	77.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34644 beacon front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-154S			Date	08-04-2022
Project Name/Location	Ford LTP			Weather	76F, Cloudy, SSW 7 mph, 84% humidity, 29.98 inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.54	Total Depth (ft-bmp)	7	Water Column (ft.)	1.46	Gallons in Well	0.24
		Pump Intake (ft-bmp)	6.27	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.5		--		Sommer Guy
Sample Time: Label	12:35	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	
Purge Start	11:58						
Purge End	12:38						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:00	0	200	5.57	0.00	8.49	0.86	8.91	1.01	17.5	27.7	Clear, Small Black Particulates	No Odor
12:05	5	200	5.56	0.26	7.42	0.68	3.84	0.28	16.5	31.6	Clear	No Odor
12:10	5	200	5.57	0.52	7.14	0.64	2.07	0.23	16.3	41.3	Clear	No Odor
12:15	5	200	5.56	0.78	7.08	0.63	1.10	0.14	16.3	39.7	Clear	No Odor
12:20	5	200	5.57	1.04	7.09	0.61	1.70	0.19	16.3	38.1	Clear	No Odor
12:25	5	200	5.57	1.30	7.11	0.60	0.65	0.21	16.3	34.9	Clear	No Odor
12:30	5	200	5.57	1.56	7.14	0.60	0.38	0.22	16.3	30.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34682 Beacon; side/front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-155S			Date	08-15-2022
Project Name/Location	Ford LTP			Weather	70 f, 73% humidity, 9 mph NNE wind, 29.35 iwc.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.93	Total Depth (ft-bmp)	6.51	Water Column (ft.)	1.58	Gallons in Well	0.26
		Pump Intake (ft-bmp)	6.43	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.81		--		Christian Garrido
Sample Time: Label	09:15	Volume Purged	1.51 gallons	Replicate/Code No.		Sampled by	
Purge Start	08:28						
Purge End	09:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:30	0	120	4.93	0.00	7.08	0.89	332.00	1.38	16.1	-9.1	Cloudy, Small Orange Particulates	No Odor
08:35	5	120	5.02	0.16	6.91	0.90	267.00	1.70	16.1	-8.2	Cloudy, Small Orange Particulates	No Odor
08:40	5	130	5.04	0.32	6.68	0.60	78.20	2.13	16.0	-19.8	Clear, Small Orange Particulates	No Odor
08:45	5	130	5.05	0.49	6.78	0.58	64.80	1.61	16.0	-36.3	Clear, Small Orange Particulates	No Odor
08:50	5	130	5.09	0.66	6.84	0.59	41.80	1.04	15.9	-43.2	Clear, Small Orange Particulates	No Odor
08:55	5	130	5.11	0.83	6.88	0.59	7.80	1.06	16.0	-48.5	Clear	No Odor
09:00	5	130	5.11	1.00	6.90	0.59	4.86	0.79	16.0	-53.2	Clear, Small Orange Particulates	No Odor
09:05	5	130	5.11	1.17	6.92	0.59	4.02	1.90	16.0	-57.4	Clear, Small Orange Particulates	No Odor
09:10	5	130	5.11	1.34	6.94	0.59	3.76	2.04	16.0	-60.2	Clear	No Odor
09:15	5	130	5.11	1.51	6.95	0.59	0.02	2.00	16.0	-62.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12066 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-156S			Date	08-10-2022
Project Name/Location	Ford LTP	Weather	59.0 degrees F and Mostly Clear. The wind is blowing N/NW at 5.8 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-8.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.3	Total Depth (ft-bmp)	7.64	Water Column (ft.)	1.34	Gallons in Well	0.22
		Pump Intake (ft-bmp)	6.97	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.55		--		Gary Schafer
Sample Time:	Label 12:46	Volume Purged	0.78 gallons	Replicate/Code No.		Sampled by	
	Purge Start 12:13						
	Purge End 12:57						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:15	0	100	6.38	0.00	7.61	0.55	95.80	1.08	17.3	-12.1	Small Brown Particulates, Turbid	No Odor
12:20	5	100	6.39	0.13	7.51	0.49	66.70	0.75	17.3	-6.9	Small Brown Particulates, Turbid	No Odor
12:25	5	100	6.39	0.26	7.40	0.44	9.45	0.63	17.2	-4.4	Clear	No Odor
12:30	5	100	6.39	0.39	7.38	0.43	0.32	0.61	17.5	-3.1	Clear	No Odor
12:35	5	100	6.39	0.52	7.39	0.42	0.83	0.63	17.4	-4.2	Clear	No Odor
12:40	5	100	6.39	0.65	7.40	0.42	0.02	0.63	17.5	-8.2	Clear	No Odor
12:45	5	100	6.39	0.78	7.42	0.42	0.02	0.61	17.7	-12.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Back yard at 12100 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-157S			Date	08-01-2022
Project Name/Location	Ford LTP			Weather	80 degrees f, 52% humidity, VAR 6 mph, 29.32 iwc		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.35	Total Depth (ft-bmp)	7.2	Water Column (ft.)	0.85	Gallons in Well	0.14
		Pump Intake (ft-bmp)	7.1	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	7.29		--		
Sample Time: Label	12:05	Volume Purged	1.02 gallons	Replicate/Code No.		Sampled by	Christian Garrido
Purge Start	11:33						
Purge End	12:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:35	0	130	6.35	0.00	7.77	0.24	15.80	6.88	16.5	-74.0	Clear	No Odor
11:40	5	130	6.39	0.17	7.69	0.23	8.92	6.39	16.4	-64.0	Clear	No Odor
11:45	5	130	6.41	0.34	7.41	0.22	3.18	5.16	16.1	0.8	Clear	No Odor
11:50	5	130	6.41	0.51	7.50	0.23	0.02	4.79	16.0	12.9	Clear	No Odor
11:55	5	130	6.42	0.68	7.59	0.23	0.02	4.41	15.9	17.6	Clear	No Odor
12:00	5	130	6.41	0.85	7.59	0.23	0.02	4.40	15.9	17.9	Clear	No Odor
12:05	5	130	6.41	1.02	7.58	0.24	0.02	4.28	15.8	20.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12067 Boston Post; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-158S			Date	08-03-2022
Project Name/Location	Ford LTP			Weather	82.9 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6	Total Depth (ft-bmp)	7.35	Water Column (ft.)	1.35	Gallons in Well	0.22
		Pump Intake (ft-bmp)	6.68	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.36		--		Sam Sukaria
Sample Time:	Label 13:05	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	
	Purge Start 12:21						
	Purge End 13:06						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:26	0	150	6.11	0.00	7.40	0.24	152.00	0.69	17.2	-70.8	Cloudy, Small Orange Particulates	No Odor
12:31	5	150	6.10	0.20	7.45	0.23	15.20	0.57	17.3	-74.9	Clear, Small Orange Particulates	No Odor
12:36	5	150	6.10	0.40	7.50	0.23	6.11	0.52	17.2	-67.5	Clear	No Odor
12:41	5	150	6.10	0.60	7.51	0.24	4.73	0.52	17.2	-64.5	Clear, Small White Particulates	No Odor
12:46	5	150	6.10	0.80	7.50	0.24	6.27	0.48	17.2	-77.4	Clear	No Odor
12:51	5	150	6.10	1.00	7.51	0.24	0.02	0.48	17.3	-66.2	Clear	No Odor
12:56	5	150	6.10	1.20	7.54	0.24	0.02	0.41	17.3	-64.0	Clear	No Odor
13:01	5	150	6.10	1.40	7.54	0.24	0.02	0.39	17.4	-57.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34950 Beacon; Back Yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-159S			Date	08-03-2022
Project Name/Location		Ford LTP		Weather	73.0 degrees F and Cloudy. The wind is blowing S/SW at 10.3 mph. 72% humidity. 29.86inHg		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	4.0-9.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		7.3	Total Depth (ft-bmp)	8.48	Water Column (ft.)	1.18	Gallons in Well	0.19
			Pump Intake (ft-bmp)	7.89	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	16.42		--		
Sample Time:	Label	11:15	Volume Purged	3.12 gallons	Replicate/Code No.		Sampled by	Sommer Guy
	Purge Start	10:10						
	Purge End	11:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:12	0	200	7.38	0.00	8.30	0.45	14.20	0.53	16.0	-18.7	Clear, Small White Particulates	No Odor
10:17	5	200	7.38	0.26	7.61	0.37	4.63	0.79	15.3	-69.5	Clear	No Odor
10:22	5	200	7.37	0.52	7.33	0.33	1.77	1.63	15.3	-32.8	Clear	No Odor
10:27	5	200	7.37	0.78	7.24	0.32	0.02	1.44	15.3	-29.3	Clear	No Odor
10:32	5	200	7.38	1.04	7.26	0.31	0.39	2.32	15.3	-34.4	Clear	No Odor
10:37	5	200	7.38	1.30	7.33	0.31	0.23	1.51	15.3	-42.2	Clear	No Odor
10:42	5	200	7.38	1.56	7.38	0.31	1.09	1.84	15.3	-46.0	Clear	No Odor
10:47	5	200	7.38	1.82	7.43	0.32	1.64	1.63	15.3	-56.3	Clear	No Odor
10:52	5	200	7.39	2.08	7.44	0.32	1.55	1.57	15.3	-64.9	Clear	No Odor
10:57	5	200	7.39	2.34	7.45	0.23	0.23	1.74	15.4	-71.7	Clear	No Odor
11:02	5	200	7.39	2.60	7.45	0.33	1.20	2.11	15.3	-77.9	Clear	No Odor
11:07	5	200	7.39	2.86	7.47	0.33	0.85	1.91	15.3	-83.6	Clear	No Odor
11:12	5	200	7.39	3.12	7.56	0.32	2.87	1.78	15.4	-80.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34920 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-160S			Date	08-01-2022
Project Name/Location	Ford LTP			Weather	75 F, 74% Humidity, 10 mph SSW wind, 20.29" Hg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.0-9.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.11	Total Depth (ft-bmp)	8.27	Water Column (ft.)	1.16	Gallons in Well	0.19
		Pump Intake (ft-bmp)	7.61	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	8		--		Christian Garrido
Sample Time: Label	10:00	Volume Purged	1.52 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:12						
Purge End	10:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:15	0	120	7.11	0.00	6.60	1.05	78.20	9.64	17.0	123.9	Clear, Small Orange Particulates	No Odor
09:20	5	130	7.14	0.16	6.65	1.04	56.70	8.97	16.8	116.3	Clear, Small Orange Particulates	No Odor
09:25	5	130	7.22	0.33	6.80	1.01	6.40	8.39	16.8	99.7	Clear	No Odor
09:30	5	130	7.25	0.50	6.86	0.99	0.02	4.25	16.5	86.6	Clear	No Odor
09:35	5	130	7.25	0.67	6.90	0.98	0.02	4.11	16.5	74.2	Clear	No Odor
09:40	5	130	7.25	0.84	6.92	0.98	0.02	3.99	16.6	61.9	Clear	No Odor
09:45	5	130	7.25	1.01	6.95	0.98	0.02	3.95	16.5	52.1	Clear	No Odor
09:50	5	130	7.25	1.18	6.96	0.99	0.02	3.84	16.5	42.7	Clear	No Odor
09:55	5	130	7.25	1.35	6.97	0.98	0.02	3.75	16.5	35.8	Clear	No Odor
10:00	5	130	7.25	1.52	6.99	0.98	0.02	3.71	16.6	33.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12141 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-161S			Date	08-19-2022
Project Name/Location	Ford LTP			Weather	69 F, 73% Humidity, SW 6 mph wind, 29.38" Hg, Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.76	Total Depth (ft-bmp)	7.25	Water Column (ft.)	1.49	Gallons in Well	0.24
		Pump Intake (ft-bmp)	6.51	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4		--		
Sample Time:	Label 09:45	Volume Purged	0.96 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start 09:12						
	Purge End 09:49						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:14	0	120	5.81	0.00	7.43	0.58	0.02	0.80	17.0	-31.9	Clear	No Odor
09:19	5	120	5.81	0.16	7.34	0.58	0.02	0.39	16.9	-40.2	Clear	No Odor
09:24	5	120	5.81	0.32	7.34	0.58	0.02	0.34	17.0	-41.7	Clear	No Odor
09:29	5	120	5.81	0.48	7.30	0.57	0.02	0.41	17.4	-37.4	Clear	No Odor
09:34	5	120	5.81	0.64	7.29	0.57	0.02	0.35	17.0	-31.3	Clear	No Odor
09:39	5	120	5.81	0.80	7.28	0.57	0.02	0.36	17.0	-27.7	Clear	No Odor
09:44	5	120	5.81	0.96	7.28	0.57	0.02	0.39	17.1	-24.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34851 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-162S			Date	08-05-2022
Project Name/Location	Ford LTP			Weather	75f clear sky		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-8.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.15	Total Depth (ft-bmp)	7.7	Water Column (ft.)	1.55	Gallons in Well	0.25
		Pump Intake (ft-bmp)	7.65	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.88		--		Sam Sukaria
Sample Time:	Label 10:10	Volume Purged	1.47 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:25						
	Purge End 10:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:30	0	160	6.17	0.00	7.24	0.65	151.00	1.46	17.1	5.8	Cloudy, Small Orange Particulates, Small White Particulates	No Odor
09:35	5	160	6.17	0.21	7.15	0.63	78.80	1.66	17.1	-52.3	Cloudy, Small Orange Particulates	No Odor
09:40	5	160	6.17	0.42	7.20	0.65	9.36	1.03	17.0	-40.4	Clear	No Odor
09:45	5	160	6.17	0.63	7.23	0.65	2.17	1.15	16.9	-28.0	Clear	No Odor
09:50	5	160	6.18	0.84	7.24	0.65	0.02	1.26	16.7	-20.5	Clear	No Odor
09:55	5	160	6.18	1.05	7.24	0.64	0.02	1.36	16.7	-14.0	Clear	No Odor
10:00	5	160	6.18	1.26	7.25	0.63	0.02	1.37	16.8	-9.5	Clear	No Odor
10:05	5	160	6.18	1.47	7.27	0.63	0.02	1.45	16.7	-5.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12017 Brewster side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-163S			Date	08-08-2022
Project Name/Location		Ford LTP		Weather			86F cloudy
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		4.68	Total Depth (ft-bmp)	6.7	Water Column (ft.)	2.02	Gallons in Well	0.33
			Pump Intake (ft-bmp)	6.18	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	3.27		--		
Sample Time:	Label	14:00	Volume Purged	1.08 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start	13:19						
	Purge End	14:04						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:24	0	140	4.77	0.00	7.32	0.47	22.70	7.40	18.9	44.1	Cloudy, Small White Particulates	No Odor
13:29	5	140	4.72	0.18	7.36	0.46	2.62	0.27	18.8	31.4	Clear, Small White Particulates	No Odor
13:34	5	140	4.72	0.36	7.35	0.46	0.02	0.23	18.7	25.8	Clear	No Odor
13:39	5	140	4.72	0.54	7.36	0.46	0.02	0.24	18.8	19.9	Clear	No Odor
13:44	5	140	4.72	0.72	7.37	0.46	0.02	0.20	18.6	16.3	Clear	No Odor
13:49	5	140	4.72	0.90	7.36	0.46	0.02	0.19	18.7	9.5	Clear	No Odor
13:54	5	140	4.72	1.08	7.38	0.46	0.02	0.20	18.7	6.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34591 beacon front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-164S			Date	08-04-2022
Project Name/Location	Ford LTP			Weather	74F, Mostly Cloudy, SW 7mph, 88% humidity, 29.97 inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-8.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.04	Total Depth (ft-bmp)	7.48	Water Column (ft.)	1.44	Gallons in Well	0.23
		Pump Intake (ft-bmp)	6.76	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	9		--		Sommer Guy
Sample Time:	Label 11:28	Volume Purged	2.07 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:35						
	Purge End 11:33						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:37	0	175	6.15	0.00	8.89	0.90	56.00	4.75	18.4	27.2	Clear, Small Orange Particulates, Yellow	No Odor
10:42	5	175	6.16	0.23	7.70	0.70	10.90	4.65	17.8	62.5	Clear	No Odor
10:47	5	175	6.15	0.46	7.28	0.66	6.08	3.96	17.7	88.5	Clear	No Odor
10:52	5	175	6.17	0.69	7.12	0.65	4.00	3.62	17.6	95.4	Clear	No Odor
10:57	5	175	6.17	0.92	7.09	0.65	2.78	3.13	17.6	92.1	Clear	No Odor
11:02	5	175	6.17	1.15	7.10	0.66	3.04	3.01	17.6	86.4	Clear	No Odor
11:07	5	175	6.18	1.38	7.12	0.65	1.35	2.73	17.6	82.9	Clear	No Odor
11:12	5	175	6.18	1.61	7.12	0.66	1.12	2.44	17.6	81.7	Clear	No Odor
11:17	5	175	6.18	1.84	7.14	0.65	1.25	2.25	17.6	81.0	Clear	No Odor
11:22	5	175	6.18	2.07	7.15	0.66	0.84	2.31	17.6	79.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34637 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-165S			Date	08-04-2022
Project Name/Location	Ford LTP		Weather	72.0 degrees F and Cloudy. The wind is blowing S/SW at 6.9 mph. 90% humidity. 29.96 inHg			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.15	Total Depth (ft-bmp)	6.28	Water Column (ft.)	1.13	Gallons in Well	0.18
		Pump Intake (ft-bmp)	5.72	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	8.89		--		Sommer Guy
Sample Time: Label	09:55	Volume Purged	1.6 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:08						
Purge End	09:58						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:09	0	150	5.26	0.00	7.61	0.81	33.10	0.57	17.0	153.4	Clear, Small White Particulates	No Odor
09:14	5	150	5.30	0.20	6.98	0.68	5.36	0.15	16.5	107.4	Clear	No Odor
09:19	5	150	5.32	0.40	6.89	0.63	0.61	0.18	16.5	70.8	Clear	No Odor
09:24	5	150	5.32	0.60	6.94	0.60	0.99	0.15	16.4	44.0	Clear	No Odor
09:29	5	150	5.32	0.80	6.97	0.60	0.64	0.20	16.4	26.4	Clear	No Odor
09:34	5	150	5.32	1.00	7.01	0.60	0.57	0.26	16.4	17.9	Clear	No Odor
09:39	5	150	5.32	1.20	7.05	0.60	0.32	0.29	16.4	11.0	Clear	No Odor
09:44	5	150	5.33	1.40	7.07	0.60	0.43	0.30	16.3	7.5	Clear	No Odor
09:49	5	150	5.33	1.60	7.10	0.60	0.83	0.33	16.3	4.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34669 Beacon, front/side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-166S			Date	08-16-2022
Project Name/Location	Ford LTP	Weather	80.1 degrees F and Mostly Clear. The wind is blowing E/NE at 8.1 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.0-11.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.7	Total Depth (ft-bmp)	10.58	Water Column (ft.)	2.88	Gallons in Well	0.47
		Pump Intake (ft-bmp)	9.2	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.6		--		Lottie Jay
Sample Time:	Label 14:20	Volume Purged	2.16 gallons	Replicate/Code No.		Sampled by	
	Purge Start 13:15						
	Purge End 14:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:20	0	140	7.73	0.00	7.41	1.12	19.00	1.00	17.1	126.4	Clear, Small Black Particulates, Small White Particulates	No Odor
13:25	5	140	7.73	0.18	7.17	1.46	17.80	0.58	16.3	134.0	Clear, Small Black Particulates, Small White Particulates	No Odor
13:30	5	140	7.73	0.36	7.20	1.64	21.80	0.39	16.2	119.1	Clear, Small Black Particulates, Small White Particulates	No Odor
13:35	5	140	7.73	0.54	7.22	1.66	20.90	0.38	16.2	106.1	Clear, Small White Particulates	No Odor
13:40	5	140	7.73	0.72	7.23	1.67	19.20	0.40	16.4	96.1	Clear, Small White Particulates	No Odor
13:45	5	140	7.73	0.90	7.23	1.67	16.20	0.40	16.2	89.4	Clear, Small White Particulates	No Odor
13:50	5	140	7.73	1.08	7.24	1.68	11.70	0.45	16.4	77.3	Clear, Small White Particulates	No Odor
13:55	5	140	7.73	1.26	7.24	1.67	10.90	0.39	16.1	72.2	Clear, Small White Particulates	No Odor
14:00	5	140	7.73	1.44	7.21	1.66	11.70	0.38	15.8	66.7	Clear, Small White Particulates	No Odor
14:05	5	140	7.73	1.62	7.21	1.65	11.50	0.39	15.9	61.7	Clear, Small White Particulates	No Odor
14:10	5	140	7.73	1.80	7.23	1.66	11.60	0.38	15.8	51.3	Clear, Small White Particulates	No Odor
14:15	5	140	7.73	1.98	7.21	1.66	11.10	0.40	15.5	44.4	Clear, Small White Particulates	No Odor
14:20	5	140	7.73	2.16	7.21	1.64	9.33	0.40	15.7	40.5	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12147 Stark, front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-167S			Date	08-12-2022
Project Name/Location	Ford LTP			Weather	75f, 46% humidity, 0mph wind, 29.56 iwc		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.0-10.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.66	Total Depth (ft-bmp)	9.2	Water Column (ft.)	2.54	Gallons in Well	0.41
		Pump Intake (ft-bmp)	8.16	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.76		--		Sam Sukaria
Sample Time:	Label 12:30	Volume Purged	1.54 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:51						
	Purge End 12:33						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:54	0	170	6.70	0.00	7.15	0.90	24.40	0.48	16.4	154.1	Clear, Small Orange Particulates	No Odor
11:59	5	170	6.70	0.22	7.13	0.89	11.10	0.35	16.4	141.9	Clear	No Odor
12:04	5	170	6.70	0.44	7.13	0.88	5.65	0.36	16.4	134.3	Clear	No Odor
12:09	5	170	6.70	0.66	7.13	0.87	1.07	0.45	16.4	131.0	Clear	No Odor
12:14	5	170	6.70	0.88	7.13	0.82	0.02	0.68	16.4	132.5	Clear	No Odor
12:19	5	170	6.70	1.10	7.13	0.84	0.02	0.78	16.5	134.3	Clear	No Odor
12:24	5	170	6.70	1.32	7.13	0.83	0.02	0.78	16.4	138.1	Clear	No Odor
12:29	5	170	6.70	1.54	7.13	0.82	0.02	0.79	16.4	142.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12001 Stark front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-168S			Date	08-19-2022
Project Name/Location	Ford LTP			Weather	77.0 degrees F and Mostly Clear. The wind is blowing S at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.89	Total Depth (ft-bmp)	6.78	Water Column (ft.)	1.89	Gallons in Well	0.31
		Pump Intake (ft-bmp)	6.39	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.06		--		
Sample Time: Label	12:45	Volume Purged	1.26 gallons	Replicate/Code No.		Sampled by	Lottie Jay
Purge Start	12:14						
Purge End	12:49						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:15	0	160	4.94	0.00	7.23	1.51	45.40	0.54	18.3	-3.3	Clear, Small Orange Particulates	No Odor
12:20	5	160	4.94	0.21	7.19	1.43	26.70	0.44	18.1	-6.5	Clear, Small Black Particulates, Small Orange Particulates	No Odor
12:25	5	160	4.94	0.42	7.16	1.26	32.50	0.21	17.9	-17.5	Clear, Small Black Particulates, Small Orange Particulates	No Odor
12:30	5	160	4.94	0.63	7.14	1.15	11.80	0.16	17.8	-28.4	Clear, Small Black Particulates, Small Orange Particulates	No Odor
12:35	5	160	4.93	0.84	7.15	1.13	3.59	0.19	17.9	-33.4	Clear, Small Orange Particulates, Small White Particulates	No Odor
12:40	5	160	4.93	1.05	7.14	1.12	3.02	0.28	17.8	-36.6	Clear, Small Orange Particulates, Small White Particulates	No Odor
12:45	5	160	4.93	1.26	7.14	1.13	3.11	0.25	17.9	-39.1	Clear, Small Orange Particulates, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34480 Capitol St; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-169S			Date	08-04-2022
Project Name/Location	Ford LTP		Weather	77.0 degrees F and Cloudy. The wind is blowing SW at 8.1 mph.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.63	Total Depth (ft-bmp)	6.5	Water Column (ft.)	3.87	Gallons in Well	0.63
		Pump Intake (ft-bmp)	4.13	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2		--		Sam Sukaria
Sample Time: Label	13:20	Volume Purged	1.26 gallons	Replicate/Code No.		Sampled by	
Purge Start	12:38						
Purge End	13:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:44	0	140	2.67	0.00	7.45	1.16	9.08	1.33	20.6	18.8	Clear, Small White Particulates	No Odor
12:49	5	140	2.68	0.18	7.38	1.33	6.46	0.91	20.4	-4.8	Clear, Small White Particulates	No Odor
12:54	5	140	2.68	0.36	7.36	1.40	2.38	0.61	20.3	-11.9	Clear	No Odor
12:59	5	140	2.68	0.54	7.35	1.44	1.03	0.62	20.3	-19.8	Clear	No Odor
13:04	5	140	2.68	0.72	7.34	1.47	0.16	0.49	20.3	-26.5	Clear	No Odor
13:09	5	140	2.68	0.90	7.33	1.49	0.02	0.45	20.2	-34.3	Clear	No Odor
13:14	5	140	2.68	1.08	7.33	1.51	0.02	0.40	20.1	-38.8	Clear	No Odor
13:19	5	140	2.68	1.26	7.32	1.53	0.02	0.34	20.1	-43.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments Water in well head

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34450 Capitol St	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-170S			Date	08-03-2022
Project Name/Location	Ford LTP	Weather	75.9 degrees F and Cloudy. The wind is blowing S/SW at 12.8 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.12	Total Depth (ft-bmp)	9.52	Water Column (ft.)	2.4	Gallons in Well	0.39
		Pump Intake (ft-bmp)	8.62	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.1		--		
Sample Time:	Label 11:45	Volume Purged	1.6 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start 10:56						
	Purge End 11:46						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:01	0	150	7.17	0.00	6.70	3.68	14.20	0.60	16.1	-58.4	Clear, Small Orange Particulates, Small Red Particulates	No Odor
11:06	5	150	7.16	0.20	6.92	3.37	6.63	0.76	15.8	-51.8	Clear, Small Orange Particulates, Small White Particulates	No Odor
11:11	5	150	7.16	0.40	6.95	3.36	0.02	0.71	15.8	-44.3	Small Orange Particulates	No Odor
11:16	5	150	7.16	0.60	6.87	3.36	1.59	0.63	15.8	-36.3	Clear	No Odor
11:21	5	150	7.16	0.80	6.98	3.37	0.02	0.57	15.8	-33.7	Clear	No Odor
11:26	5	150	7.16	1.00	6.98	3.42	1.83	0.57	15.8	-28.5	Clear	No Odor
11:31	5	150	7.16	1.20	6.99	3.48	0.02	0.47	15.8	-25.0	Clear	No Odor
11:36	5	150	7.16	1.40	6.99	3.51	0.02	0.48	15.9	-22.6	Clear	No Odor
11:41	5	150	7.16	1.60	6.99	3.58	0.02	0.47	15.8	-19.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34991 Beacon; Side Yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-171S			Date	08-18-2022
Project Name/Location	Ford LTP			Weather	75F, 62% Humidity, S 5 mph wind, 29.35" Hg, Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.92	Total Depth (ft-bmp)	6.45	Water Column (ft.)	1.53	Gallons in Well	0.25
		Pump Intake (ft-bmp)	6.42	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.72		--		
Sample Time: Label	11:45	Volume Purged	1.68 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	11:03						
Purge End	11:47						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:07	0	180	4.98	0.00	7.18	0.99	344.00	0.43	17.8	-51.4	Cloudy, Orange, Small Orange Particulates	No Odor
11:12	5	180	4.98	0.24	7.17	1.02	89.30	0.52	17.9	-53.0	Clear	No Odor
11:17	5	180	4.98	0.48	7.16	1.04	31.20	0.35	17.9	-58.8	Clear, Small Orange Particulates	No Odor
11:22	5	180	4.98	0.72	7.16	1.05	5.30	0.17	17.6	-62.3	Clear, Small Black Particulates	No Odor
11:27	5	180	4.98	0.96	7.16	1.05	3.04	0.14	17.5	-63.9	Clear, Small Orange Particulates	No Odor
11:32	5	180	4.98	1.20	7.16	1.06	0.02	0.11	17.6	-65.5	Clear, Small White Particulates	No Odor
11:37	5	180	4.98	1.44	7.16	1.06	0.02	0.10	17.7	-67.1	Clear, Small White Particulates	No Odor
11:42	5	180	4.98	1.68	7.16	1.07	0.02	0.12	17.5	-67.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12101 Brewster; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-172S			Date	08-01-2022
Project Name/Location	Ford LTP	Weather	75.9 degrees F and Cloudy. The wind is blowing S/SW at 15.0 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.77	Total Depth (ft-bmp)	8.9	Water Column (ft.)	2.13	Gallons in Well	0.35
		Pump Intake (ft-bmp)	8.27	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4		--		Sam Sukaria
Sample Time:	Label 12:35	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:50						
	Purge End 12:37						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:55	0	150	6.84	0.00	6.94	0.43	362.00	1.84	16.7	-54.4	Small Orange Particulates, Turbid	No Odor
12:00	5	150	6.81	0.20	6.98	0.42	509.00	1.81	16.8	-69.3	Small Orange Particulates, Small Red Particulates, Turbid	No Odor
12:05	5	150	6.81	0.40	6.96	0.41	86.80	2.05	16.7	-81.6	Clear, Small Orange Particulates, Small Red Particulates	No Odor
12:10	5	150	6.81	0.60	7.20	0.38	18.40	2.16	16.6	-85.0	Clear, Small Orange Particulates	No Odor
12:15	5	150	6.81	0.80	7.27	0.38	27.20	2.26	16.7	-84.4	Clear, Small Orange Particulates, Small Red Particulates	No Odor
12:20	5	150	6.81	1.00	7.28	0.38	2.07	2.13	16.7	-84.2	Clear, Small Orange Particulates	No Odor
12:25	5	150	6.81	1.20	7.28	0.38	3.85	2.19	16.7	-84.8	Clear	No Odor
12:30	5	150	6.81	1.40	7.32	0.38	2.18	2.17	16.7	-83.5	Clear, Small Orange Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments Flooded well head

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11701 Boston post front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-173S			Date	08-01-2022
Project Name/Location	Ford LTP	Weather	79.0 degrees F and Mostly Cloudy. The wind is blowing S/SW at 16.1 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.31	Total Depth (ft-bmp)	10.22	Water Column (ft.)	2.91	Gallons in Well	0.47
		Pump Intake (ft-bmp)	8.81	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.43		--		Sam Sukaria
Sample Time:	Label 14:00	Volume Purged	2.08 gallons	Replicate/Code No.		Sampled by	
	Purge Start 13:06						
	Purge End 14:01						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:11	0	200	7.40	0.00	7.58	0.49	157.00	0.75	15.8	23.3	Cloudy, Small Orange Particulates	No Odor
13:16	5	200	7.38	0.26	7.50	0.49	75.70	0.80	15.9	3.8	Cloudy, Small Orange Particulates	No Odor
13:21	5	200	7.38	0.52	7.48	0.50	15.90	0.77	15.8	-14.4	Clear, Small White Particulates	No Odor
13:26	5	200	7.38	0.78	7.46	0.50	3.50	0.78	15.9	-40.7	Clear, Small White Particulates	No Odor
13:31	5	200	7.38	1.04	7.47	0.50	0.53	0.77	15.9	-41.9	Clear	No Odor
13:36	5	200	7.38	1.30	7.45	0.50	1.04	0.72	15.8	-48.7	Clear	No Odor
13:41	5	200	7.38	1.56	7.45	0.50	0.02	0.70	15.8	-55.2	Clear	No Odor
13:46	5	200	7.38	1.82	7.45	0.50	0.02	0.69	15.9	-59.5	Clear	No Odor
13:51	5	200	7.38	2.08	7.44	0.50	0.02	0.69	15.8	-60.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11721 Boston post backyard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-176S			Date	08-09-2022
Project Name/Location		Ford LTP		Weather	71F sunny		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	5.0-10.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		7.54	Total Depth (ft-bmp)	9.3	Water Column (ft.)	1.76	Gallons in Well	0.29
			Pump Intake (ft-bmp)	9.04	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	5.38		--		
Sample Time:	Label	11:00	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start	10:20						
	Purge End	11:03						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:25	0	200	7.57	0.00	7.73	0.37	0.02	1.85	15.0	13.0	Clear	No Odor
10:30	5	200	7.57	0.26	7.63	0.38	0.02	1.52	14.9	-19.7	Clear	No Odor
10:35	5	200	7.57	0.52	7.62	0.38	0.02	1.46	14.9	-14.1	Clear	No Odor
10:40	5	200	7.57	0.78	7.61	0.38	0.02	1.42	14.9	-17.2	Clear	No Odor
10:45	5	200	7.57	1.04	7.60	0.38	0.02	1.36	15.0	-24.2	Clear	No Odor
10:50	5	200	7.57	1.30	7.61	0.38	0.02	1.33	15.0	-27.2	Clear	No Odor
10:55	5	200	7.57	1.56	7.61	0.38	0.02	1.30	15.1	-28.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	11845 Boston post front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-177S			Date	08-16-2022
Project Name/Location		Ford LTP		Weather	70 F, 68% humidity, 68% humidity, NE 9 mph wind, 29.40 iwc		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	4.0-9.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		6.8	Total Depth (ft-bmp)	8	Water Column (ft.)	1.2	Gallons in Well	0.19
			Pump Intake (ft-bmp)	7.4	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	8.05		--		Sam Sukaria
Sample Time:	Label	10:10	Volume Purged	1.53 gallons	Replicate/Code No.		Sampled by	
	Purge Start	09:18						
	Purge End	10:13						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:20	0	130	7.01	0.00	7.20	0.98	297.00	0.70	16.5	44.3	Cloudy, Orange	No Odor
09:25	5	130	7.15	0.17	6.94	0.97	120.00	0.53	16.2	-7.1	Cloudy, Small White Particulates, White	No Odor
09:30	5	130	7.18	0.34	6.96	0.98	26.30	0.40	15.9	-11.6	Clear, Small White Particulates	No Odor
09:35	5	130	7.18	0.51	7.01	0.94	9.02	0.33	15.9	-15.8	Clear, Small White Particulates	No Odor
09:40	5	130	7.19	0.68	7.03	0.90	4.53	0.52	15.9	-11.0	Clear, Small White Particulates	No Odor
09:45	5	130	7.20	0.85	7.04	0.88	3.03	0.61	15.9	-8.5	Clear, Small White Particulates	No Odor
09:50	5	130	7.23	1.02	7.06	0.88	3.46	0.72	15.9	-5.9	Clear, Small White Particulates	No Odor
09:55	5	130	7.23	1.19	7.07	0.88	3.36	0.71	15.8	1.9	Clear	No Odor
10:00	5	130	7.22	1.36	7.08	0.87	3.59	0.71	15.9	9.3	Clear	No Odor
10:05	5	130	7.20	1.53	7.08	0.88	4.57	0.65	15.8	6.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	11866 Boston post front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-178S			Date	08-10-2022
Project Name/Location	Ford LTP			Weather	71F clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.76	Total Depth (ft-bmp)	8.83	Water Column (ft.)	2.07	Gallons in Well	0.34
		Pump Intake (ft-bmp)	8.26	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.06		--		Sam Sukaria
Sample Time:	Label 10:30	Volume Purged	1.38 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:55						
	Purge End 10:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:58	0	175	6.83	0.00	7.34	0.81	39.70	0.56	15.9	127.6	Cloudy, Small Orange Particulates	No Odor
10:03	5	175	6.80	0.23	7.20	0.77	18.20	0.35	15.6	79.5	Clear, Small Orange Particulates	No Odor
10:08	5	175	6.80	0.46	7.20	0.75	11.80	0.31	15.5	14.4	Clear	No Odor
10:13	5	175	6.80	0.69	7.20	0.74	3.73	0.26	15.5	-7.6	Clear	No Odor
10:18	5	175	6.80	0.92	7.20	0.73	0.02	0.23	15.7	-16.9	Clear	No Odor
10:23	5	175	6.80	1.15	7.21	0.72	0.02	0.24	15.6	-18.1	Clear	No Odor
10:28	5	175	6.80	1.38	7.21	0.72	0.02	0.30	15.7	-17.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11850 Boston post back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-179S			Date	08-09-2022
Project Name/Location	Ford LTP			Weather	72.0 degrees F and Mostly Cloudy. The wind is blowing at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.0-11.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.81	Total Depth (ft-bmp)	10.85	Water Column (ft.)	2.04	Gallons in Well	0.33
		Pump Intake (ft-bmp)	10.31	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.61		--		Lottie Jay
Sample Time: Label	12:32	Volume Purged	1.19 gallons	Replicate/Code No.		Sampled by	
Purge Start	11:50						
Purge End	12:36						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:55	0	130	8.85	0.00	7.55	0.29	24.20	0.38	15.9	1.9	Clear, Small Orange Particulates	No Odor
12:00	5	130	8.85	0.17	7.61	0.28	19.70	0.31	15.5	0.1	Clear, Small Orange Particulates	No Odor
12:05	5	130	8.85	0.34	7.64	0.28	10.10	0.27	15.3	-1.3	Clear, Small Orange Particulates, Small White Particulates	No Odor
12:10	5	130	8.25	0.51	7.64	0.27	5.40	0.31	15.3	-3.7	Clear, Small White Particulates	No Odor
12:15	5	130	8.25	0.68	7.70	0.27	5.40	0.34	15.5	-7.9	Clear, Small White Particulates	No Odor
12:20	5	130	8.25	0.85	7.71	0.27	2.69	0.32	15.4	-10.1	Clear, Small White Particulates	No Odor
12:25	5	130	8.25	1.02	7.66	0.27	1.78	0.39	15.2	-6.3	Clear, Small White Particulates	No Odor
12:30	5	130	8.25	1.19	7.63	0.27	1.64	0.37	15.2	-4.7	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34870 Wadsworth st; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-180SR			Date	08-08-2022
Project Name/Location		Ford LTP		Weather	82.9 degrees F and Cloudy. The wind is blowing S/SW at 16.1 mph.		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	6.5-11.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		8.74	Total Depth (ft-bmp)	10.98	Water Column (ft.)	2.24	Gallons in Well	0.36
			Pump Intake (ft-bmp)	10.24	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	4.67		--		
Sample Time:	Label	13:50	Volume Purged	1.68 gallons	Replicate/Code No.		Sampled by	Lottie Jay
	Purge Start	13:05						
	Purge End	13:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:10	0	160	8.81	0.00	7.17	0.26	59.60	6.08	17.1	50.8	Clear, Small Black Particulates	No Odor
13:15	5	160	8.81	0.21	7.48	0.29	55.10	5.70	17.1	34.3	Clear	No Odor
13:20	5	160	8.81	0.42	7.59	0.30	39.20	5.42	17.2	29.6	Clear	No Odor
13:25	5	160	8.79	0.63	7.71	0.32	14.70	5.99	17.1	24.0	Clear	No Odor
13:30	5	160	8.79	0.84	7.65	0.33	8.09	6.25	16.8	30.0	Clear	No Odor
13:35	5	160	8.79	1.05	7.71	0.33	5.54	6.27	16.8	28.2	Clear	No Odor
13:40	5	160	8.79	1.26	7.66	0.34	2.51	6.25	16.7	32.4	Clear	No Odor
13:45	5	160	8.79	1.47	7.70	0.34	2.43	5.88	16.8	30.6	Clear	No Odor
13:50	5	160	8.79	1.68	7.70	0.34	2.82	5.87	16.7	31.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34891 Wadsworth St; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-181S			Date	08-02-2022
Project Name/Location	Ford LTP			Weather	66.9 degrees F and Mostly Cloudy. The wind is blowing N/NW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.5-8.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.62	Total Depth (ft-bmp)	8.5	Water Column (ft.)	1.88	Gallons in Well	0.31
		Pump Intake (ft-bmp)	8.12	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.48		--		Lottie Jay
Sample Time: Label	09:50	Volume Purged	1.08 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:15						
Purge End	09:54						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:20	0	140	6.66	0.00	7.33	2.33	33.10	0.92	16.3	170.1	Clear, Small Black Particulates	No Odor
09:25	5	140	6.66	0.18	7.34	2.29	27.00	0.76	16.3	167.8	Clear, Small Orange Particulates	No Odor
09:30	5	140	6.66	0.36	7.36	2.21	6.76	0.35	16.4	161.9	Clear, Small Orange Particulates	No Odor
09:35	5	140	6.66	0.54	7.37	2.16	4.64	0.21	16.4	156.4	Clear, Small Orange Particulates, Small White Particulates	No Odor
09:40	5	140	6.66	0.72	7.38	2.13	3.25	0.14	16.4	152.4	Clear, Small White Particulates	No Odor
09:45	5	140	6.66	0.90	7.39	2.12	2.78	0.13	16.4	149.2	Clear	No Odor
09:50	5	140	6.66	1.08	7.39	2.12	1.52	0.15	16.4	146.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34990 Wadsworth; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-182S			Date	08-02-2022
Project Name/Location	Ford LTP	Weather	71.1 degrees F and Partly Cloudy. The wind is blowing N/NW at 8.1 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.0-9.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.14	Total Depth (ft-bmp)	8.77	Water Column (ft.)	1.63	Gallons in Well	0.26
		Pump Intake (ft-bmp)	8.64	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.23		--		Lottie Jay
Sample Time: Label	11:05	Volume Purged	1.62 gallons	Replicate/Code No.		Sampled by	
Purge Start	10:15						
Purge End	11:07						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	140	7.33	0.00	7.22	0.51	10.10	3.73	16.3	107.6	Clear, Small White Particulates	No Odor
10:25	5	140	7.33	0.18	7.24	0.51	4.56	3.01	16.2	103.4	Clear	No Odor
10:30	5	140	7.33	0.36	7.28	0.51	1.11	2.21	16.1	98.9	Clear	No Odor
10:35	5	140	7.46	0.54	7.28	0.51	0.81	1.99	16.1	97.6	Clear	No Odor
10:40	5	140	7.47	0.72	7.30	0.51	0.78	1.64	16.1	94.3	Clear	No Odor
10:45	5	140	7.47	0.90	7.29	0.51	1.30	1.56	16.2	93.9	Clear	No Odor
10:50	5	140	7.47	1.08	7.31	0.51	1.70	2.19	16.3	91.9	Clear	No Odor
10:55	5	140	7.47	1.26	7.30	0.51	1.93	1.81	16.4	91.5	Clear	No Odor
11:00	5	140	7.42	1.44	7.30	0.51	1.27	1.91	16.3	90.1	Clear	No Odor
11:05	5	140	7.47	1.62	7.26	0.51	1.45	1.92	16.1	90.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34766 Standish St; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-183S			Date	08-01-2022
Project Name/Location	Ford LTP			Weather	75.9 degrees F and Cloudy. The wind is blowing S/SW at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.03	Total Depth (ft-bmp)	12.69	Water Column (ft.)	2.66	Gallons in Well	0.43
		Pump Intake (ft-bmp)	11.53	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.6		--		Lottie Jay
Sample Time: Label	13:15	Volume Purged	1.98 gallons	Replicate/Code No.		Sampled by	
Purge Start	12:15						
Purge End	13:17						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	140	10.05	0.00	7.27	0.38	121.00	4.35	15.1	46.0	Cloudy, Small White Particulates	No Odor
12:25	5	140	10.05	0.18	7.16	0.38	73.70	4.42	14.9	36.6	Cloudy, Small White Particulates	No Odor
12:30	5	140	10.06	0.36	7.27	0.39	46.80	4.64	14.9	29.4	Clear, Small White Particulates	No Odor
12:35	5	140	8.06	0.54	7.33	0.38	41.20	4.44	14.8	22.6	Clear	No Odor
12:40	5	140	8.06	0.72	7.38	0.37	25.50	4.23	14.7	2.0	Clear, Small White Particulates	No Odor
12:45	5	140	8.06	0.90	7.39	0.36	10.30	3.97	14.6	18.7	Clear	No Odor
12:50	5	140	8.06	1.08	7.40	0.36	7.17	3.93	14.6	17.2	Clear	No Odor
12:55	5	140	8.06	1.26	7.42	0.35	5.36	4.00	14.6	17.2	Clear	No Odor
13:00	5	140	8.06	1.44	7.43	0.35	3.84	3.84	14.6	17.3	Clear	No Odor
13:05	5	140	8.06	1.62	7.41	0.35	2.47	3.73	14.7	17.2	Clear	No Odor
13:10	5	140	8.06	1.80	7.41	0.34	3.49	3.68	14.6	18.4	Clear	No Odor
13:15	5	140	8.06	1.98	7.43	0.34	2.99	3.65	14.5	18.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34934 Standish st; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-184S			Date	08-16-2022
Project Name/Location	Ford LTP			Weather	75 F, 68% humidity, 68% humidity, NE 9 mph wind, 29.40 iwc		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.58	Total Depth (ft-bmp)	8.7	Water Column (ft.)	1.12	Gallons in Well	0.18
		Pump Intake (ft-bmp)	8.14	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	7.11		--		
Sample Time: Label	11:40	Volume Purged	1.28 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	10:55						
Purge End	11:41						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:57	0	120	7.61	0.00	7.81	0.58	29.10	0.79	15.1	82.3	Clear	No Odor
11:02	5	120	7.60	0.16	7.36	0.58	8.23	0.43	14.5	75.3	Clear	No Odor
11:07	5	120	7.60	0.32	7.39	0.57	3.02	0.46	14.6	62.1	Clear	No Odor
11:12	5	120	7.60	0.48	7.37	0.56	1.24	0.39	14.4	49.5	Clear	No Odor
11:17	5	120	7.60	0.64	7.36	0.56	1.41	0.39	14.5	33.8	Clear	No Odor
11:22	5	120	7.60	0.80	7.36	0.55	0.02	0.32	14.4	17.6	Clear	No Odor
11:27	5	120	7.60	0.96	7.37	0.55	0.02	0.33	14.4	5.4	Clear	No Odor
11:32	5	120	7.60	1.12	7.38	0.55	0.02	0.30	14.4	0.1	Clear	No Odor
11:37	5	120	7.60	1.28	7.38	0.55	0.02	0.26	14.4	-1.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments Bottom of well at 8.7 ft

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11981 Boston post front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-185S			Date	08-03-2022
Project Name/Location	Ford LTP			Weather	82.9 degrees F and Cloudy. NNE 13mph. 66% humidity. 29.84inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.0-11.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.93	Total Depth (ft-bmp)	10.54	Water Column (ft.)	1.61	Gallons in Well	0.26
		Pump Intake (ft-bmp)	10.43	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.31		--		Sommer Guy
Sample Time:	Label 12:50	Volume Purged	1.38 gallons	Replicate/Code No.		Sampled by	
	Purge Start 12:14						
	Purge End 12:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:15	0	175	8.95	0.00	7.96	1.21	11.60	0.33	18.4	-166.3	Clear	No Odor
12:20	5	175	8.98	0.23	6.91	0.94	3.62	0.26	17.1	-110.5	Clear	No Odor
12:25	5	175	8.98	0.46	6.69	0.88	1.90	0.24	17.0	-78.9	Clear	No Odor
12:30	5	175	8.98	0.69	6.61	0.85	2.08	0.22	17.0	-65.5	Clear	No Odor
12:35	5	175	8.98	0.92	6.65	0.86	1.92	0.17	17.2	-62.3	Clear	No Odor
12:40	5	175	8.98	1.15	6.71	0.86	1.15	0.13	17.1	-61.0	Clear	No Odor
12:45	5	175	8.98	1.38	6.75	0.86	1.41	0.13	17.1	-65.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34921 Beacon; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-193S			Date	08-04-2022
Project Name/Location	Ford LTP	Weather	73.9 degrees F and Cloudy. The wind is blowing SW at 9.2 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-8.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.84	Total Depth (ft-bmp)	7.5	Water Column (ft.)	2.66	Gallons in Well	0.43
		Pump Intake (ft-bmp)	6.34	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.56		--		
Sample Time:	Label 10:10	Volume Purged	1.53 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start 09:18						
	Purge End 10:13						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:23	0	130	4.99	0.00	7.06	0.81	14.30	0.52	19.2	165.1	Clear, Small Orange Particulates	No Odor
09:28	5	130	4.99	0.17	7.02	0.80	8.48	0.41	19.1	134.7	Clear, Small Orange Particulates	No Odor
09:33	5	130	4.99	0.34	7.02	0.77	8.02	0.34	19.0	105.0	Clear, Small Orange Particulates	No Odor
09:38	5	130	4.99	0.51	7.04	0.75	4.35	0.26	18.9	53.6	Clear, Small Orange Particulates	No Odor
09:43	5	130	4.99	0.68	7.05	0.75	0.62	0.23	19.0	32.1	Clear, Small White Particulates	No Odor
09:48	5	130	4.99	0.85	7.06	0.74	0.02	0.21	18.9	9.9	Clear	No Odor
09:53	5	130	4.99	1.02	7.07	0.74	0.02	0.18	18.9	-5.1	Clear	No Odor
09:58	5	130	4.99	1.19	7.08	0.75	0.02	0.17	18.9	-18.8	Clear	No Odor
10:03	5	130	4.99	1.36	7.08	0.75	0.02	0.15	18.9	-23.8	Clear	No Odor
10:08	5	130	4.99	1.53	7.08	0.76	0.02	0.16	18.9	-28.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34940 beacon st front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-207S			Date	08-17-2022
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Mostly Cloudy. The wind is blowing N/NW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.29	Total Depth (ft-bmp)	8.77	Water Column (ft.)	0.48	Gallons in Well	0.08
		Pump Intake (ft-bmp)	8.53	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	13.5		--		Lottie Jay
Sample Time:	Label 14:50	Volume Purged	1.08 gallons	Replicate/Code No.		Sampled by	
	Purge Start 14:15						
	Purge End 14:54						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:20	0	140	8.45	0.00	7.26	0.76	194.00	3.86	18.9	39.3	Small Black Particulates, Small Orange Particulates, Yellow	No Odor
14:25	5	140	8.45	0.18	7.19	0.73	65.70	3.10	18.1	39.6	Small Orange Particulates	No Odor
14:30	5	140	8.45	0.36	7.22	0.73	22.40	3.45	18.0	40.2	Clear, Small Orange Particulates	No Odor
14:35	5	140	8.45	0.54	7.24	0.73	4.06	3.23	17.9	39.5	Clear, Small Orange Particulates	No Odor
14:40	5	140	8.45	0.72	7.22	0.73	2.25	3.13	17.7	42.1	Clear, Small White Particulates	No Odor
14:45	5	140	8.45	0.90	7.21	0.73	1.79	3.18	17.7	44.2	Clear, Small White Particulates	No Odor
14:50	5	140	8.45	1.08	7.22	0.73	0.75	3.20	17.7	44.2	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12125 Stark Rd; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-214S			Date	08-18-2022
Project Name/Location		Ford LTP	Weather	70 F, 71% Humidity, 0 mph wind, 29.37" Hg, partly cloudy			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.94	Total Depth (ft-bmp)	10.9	Water Column (ft.)	2.96	Gallons in Well	0.48
		Pump Intake (ft-bmp)	9.44	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.9		--		Gary Schafer
Sample Time:	Label 10:46	Volume Purged	1.87 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:48						
	Purge End 10:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:50	0	125	7.95	0.00	7.45	3.54	30.00	1.46	21.9	99.6	Clear	No Odor
09:55	5	125	7.95	0.17	7.44	3.56	25.80	0.88	22.1	57.4	Clear	No Odor
10:00	5	125	7.95	0.34	7.43	3.55	35.80	0.21	21.4	8.1	Turbid	No Odor
10:05	5	125	7.95	0.51	7.42	3.55	30.00	0.38	21.9	-37.9	Turbid	No Odor
10:10	5	125	7.95	0.68	7.42	3.55	28.80	0.19	21.3	-58.4	Clear	No Odor
10:15	5	125	7.95	0.85	7.42	3.54	21.10	0.13	21.3	-63.4	Clear	No Odor
10:20	5	125	7.95	1.02	7.42	3.55	14.60	0.12	21.4	-66.6	Clear	No Odor
10:25	5	125	7.95	1.19	7.42	3.56	11.10	0.10	21.3	-68.4	Clear	No Odor
10:30	5	125	7.95	1.36	7.42	3.56	8.18	0.13	21.3	-68.5	Clear	No Odor
10:35	5	125	7.95	1.53	7.42	3.57	3.71	0.11	21.3	-67.7	Clear	No Odor
10:40	5	125	7.95	1.70	7.42	3.58	2.11	0.09	21.4	-68.0	Clear	No Odor
10:45	5	125	7.95	1.87	7.42	3.58	1.21	0.10	21.4	-68.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12400 Belden	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-215S			Date	08-17-2022
Project Name/Location	Ford LTP	Weather	80.1 degrees F and Mostly Cloudy. The wind is blowing at 5.8 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-8.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.44	Total Depth (ft-bmp)	7.6	Water Column (ft.)	1.16	Gallons in Well	0.19
		Pump Intake (ft-bmp)	7.02	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	7.16		--		Gary Schafer
Sample Time:	Label 15:26	Volume Purged	1.36 gallons	Replicate/Code No.		Sampled by	
	Purge Start 14:43						
	Purge End 15:37						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:45	0	125	6.44	0.00	8.24	0.22	29.10	5.65	22.3	65.0	Clear	No Odor
14:50	5	125	6.45	0.17	8.13	0.21	24.00	6.26	22.1	79.0	Clear	No Odor
14:55	5	125	6.47	0.34	8.08	0.22	15.60	6.19	21.3	88.9	Clear	No Odor
15:00	5	125	6.47	0.51	7.93	0.27	11.10	6.28	21.1	110.1	Clear	No Odor
15:05	5	125	6.47	0.68	7.92	0.27	10.70	6.36	21.2	111.1	Clear	No Odor
15:10	5	125	6.47	0.85	7.86	0.29	7.81	6.34	21.7	117.1	Clear	No Odor
15:15	5	125	6.47	1.02	7.82	0.31	4.72	6.50	20.6	127.7	Clear	No Odor
15:20	5	125	6.47	1.19	7.82	0.31	3.41	6.47	20.6	128.0	Clear	No Odor
15:25	5	125	6.47	1.36	7.82	0.31	3.12	6.58	20.6	128.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	35000 Plymouth	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-216S			Date	08-09-2022
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Mostly Cloudy. The wind is blowing N at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.0-11.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.37	Total Depth (ft-bmp)	10.39	Water Column (ft.)	1.02	Gallons in Well	0.17
		Pump Intake (ft-bmp)	9.88	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	8.47		--		Lottie Jay
Sample Time: Label	14:20	Volume Purged	1.44 gallons	Replicate/Code No.		Sampled by	
Purge Start	13:35						
Purge End	14:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:40	0	140	9.46	0.00	7.16	0.31	7.10	0.61	13.5	118.8	Clear, Small White Particulates	No Odor
13:45	5	140	9.46	0.18	7.28	0.31	8.84	0.61	13.6	109.0	Clear, Small White Particulates	No Odor
13:50	5	140	9.46	0.36	7.44	0.32	6.78	0.63	13.5	91.6	Clear, Small White Particulates	No Odor
13:55	5	140	9.46	0.54	7.48	0.31	3.20	0.57	13.3	82.0	Clear, Small White Particulates	No Odor
14:00	5	140	9.46	0.72	7.50	0.31	2.70	0.51	13.4	76.8	Clear, Small White Particulates	No Odor
14:05	5	140	9.46	0.90	7.52	0.31	2.57	0.53	13.4	71.2	Clear, Small White Particulates	No Odor
14:10	5	140	9.46	1.08	7.53	0.31	2.48	0.88	13.3	68.4	Clear	No Odor
14:15	5	140	9.46	1.26	7.51	0.31	1.51	0.87	13.2	67.4	Clear	No Odor
14:20	5	140	9.46	1.44	7.51	0.31	1.42	0.88	13.1	64.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34851 Wadsworth st; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-217S			Date	08-10-2022
Project Name/Location	Ford LTP		Weather	75.0 degrees F and Mostly Cloudy			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.0-11.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.39	Total Depth (ft-bmp)	10.18	Water Column (ft.)	1.79	Gallons in Well	0.29
		Pump Intake (ft-bmp)	9.89	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.59		--		Lottie Jay
Sample Time:	Label 11:15	Volume Purged	1.62 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:25						
	Purge End 11:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	140	8.44	0.00	7.66	0.54	38.40	0.83	13.8	99.1	Cloudy, Small Black Particulates	No Odor
10:35	5	140	8.44	0.18	7.42	0.53	27.10	0.46	13.8	102.8	Clear, Small Black Particulates	No Odor
10:40	5	140	8.44	0.36	7.46	0.52	27.50	0.41	13.7	94.1	Clear, Small Black Particulates, Small Orange Particulates	No Odor
10:45	5	140	8.44	0.54	7.47	0.51	15.20	0.40	13.6	83.1	Clear, Small Black Particulates, Small White Particulates	No Odor
10:50	5	140	8.44	0.72	7.46	0.50	9.00	0.52	13.6	74.3	Clear, Small White Particulates	No Odor
10:55	5	140	8.44	0.90	7.47	0.50	5.52	0.55	13.7	67.3	Clear, Small White Particulates	No Odor
11:00	5	140	8.44	1.08	7.50	0.50	4.99	0.48	13.7	63.0	Clear, Small White Particulates	No Odor
11:05	5	140	8.44	1.26	7.52	0.49	4.78	0.51	13.6	58.4	Clear	No Odor
11:10	5	140	8.44	1.44	7.52	0.49	2.70	0.56	13.7	56.5	Clear	No Odor
11:15	5	140	8.44	1.62	7.53	0.48	2.05	0.55	13.5	53.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34935 Wadsworth st; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-223S			Date	08-17-2022
Project Name/Location	Ford LTP			Weather	78 F, 48% Humidity, NNW 6 mph wind, 29.42" Hg, Partly Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.5-13.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.44	Total Depth (ft-bmp)	13.21	Water Column (ft.)	1.77	Gallons in Well	0.29
		Pump Intake (ft-bmp)	12.9	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.66		--		
Sample Time: Label	14:01	Volume Purged	1.64 gallons	Replicate/Code No.		Sampled by	Gary Schafer
Purge Start	12:58						
Purge End	14:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:00	0	100	11.53	0.00	7.46	4.90	101.00	1.27	22.1	139.7	Brown, Turbid	No Odor
13:05	5	100	11.55	0.13	7.44	4.96	58.20	0.91	21.7	102.7	Clear, Yellow	No Odor
13:10	5	100	11.55	0.30	7.43	4.96	32.60	0.83	21.6	96.4	Clear, Yellow	No Odor
13:15	5	100	11.55	0.47	7.43	4.96	20.30	0.79	21.9	81.4	Clear, Yellow	No Odor
13:20	5	100	11.55	0.60	7.44	4.94	20.50	0.71	21.7	79.8	Clear	No Odor
13:25	5	100	11.56	0.73	7.44	4.86	30.10	0.70	21.8	63.9	Clear, Yellow	No Odor
13:30	5	100	11.55	0.86	7.45	4.77	26.70	0.71	21.9	56.1	Clear	No Odor
13:35	5	100	11.56	0.99	7.45	4.56	21.20	0.64	21.3	51.0	Clear	No Odor
13:40	5	100	11.57	1.12	7.46	4.50	12.60	0.71	22.0	45.1	Clear	No Odor
13:45	5	100	11.56	1.25	7.45	4.34	9.11	0.70	21.8	43.5	Clear	No Odor
13:50	5	100	11.56	1.38	7.46	4.25	6.70	0.74	21.9	42.3	Clear	No Odor
13:55	5	100	11.55	1.51	7.45	4.13	3.49	0.76	21.8	40.6	Clear	No Odor
14:00	5	100	11.55	1.64	7.45	4.10	2.81	0.75	21.7	40.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	35000 Plymouth	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-225S			Date	08-02-2022
Project Name/Location	Ford LTP	Weather	75.0 degrees F and Mostly Clear. The wind is blowing N at 9.2 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.56	Total Depth (ft-bmp)	9.5	Water Column (ft.)	0.94	Gallons in Well	0.15
		Pump Intake (ft-bmp)	9.03	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	9.8		--		Lottie Jay
Sample Time:	Label 12:10	Volume Purged	1.47 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:30						
	Purge End 12:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:35	0	160	8.91	0.00	7.45	0.34	14.50	5.31	15.7	117.1	Clear, Small White Particulates	No Odor
11:40	5	160	8.91	0.21	7.52	0.34	5.95	5.28	15.6	108.5	Clear, Small White Particulates	No Odor
11:45	5	160	8.93	0.42	7.55	0.34	5.94	5.07	15.6	104.2	Clear	No Odor
11:50	5	160	8.93	0.63	7.56	0.34	6.34	5.51	15.6	100.2	Clear	No Odor
11:55	5	160	8.95	0.84	7.56	0.34	5.08	5.23	15.6	99.6	Clear	No Odor
12:00	5	160	8.95	1.05	7.57	0.34	3.84	5.11	15.6	98.1	Clear	No Odor
12:05	5	160	8.96	1.26	7.56	0.34	3.06	5.17	15.5	98.0	Clear	No Odor
12:10	5	160	8.96	1.47	7.56	0.34	3.19	5.10	15.6	95.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34800 Standish; Front Yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-72			Date	08-19-2022
Project Name/Location	Ford LTP			Weather	69.1 degrees F and Mostly Clear. The wind is blowing SW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.53	Total Depth (ft-bmp)	19.61	Water Column (ft.)	11.08	Gallons in Well	1.8
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.57		DUP-13		
Sample Time: Label	10:06	Volume Purged	1.02 gallons	Replicate/Code No.		Sampled by	Gary Schafer
Purge Start	09:33						
Purge End	10:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:35	0	125	8.55	0.00	7.75	11.84	4.80	0.53	18.8	35.6	Clear	No Odor
09:40	5	125	8.55	0.17	7.80	11.86	0.23	0.39	18.9	-25.1	Clear	No Odor
09:45	5	125	8.55	0.34	7.81	11.84	0.02	0.35	19.2	-67.9	Clear	No Odor
09:50	5	125	8.55	0.51	7.80	11.81	0.02	0.15	19.0	-83.5	Clear	No Odor
09:55	5	125	8.55	0.68	7.81	11.82	0.02	0.37	20.0	-87.4	Clear	No Odor
10:00	5	125	8.55	0.85	7.77	11.85	0.02	0.35	20.2	-88.7	Clear	No Odor
10:05	5	125	8.55	1.02	7.74	11.86	0.02	0.34	20.4	-90.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-72S			Date	08-18-2022
Project Name/Location	Ford LTP	Weather	81.0 degrees F and Partly Cloudy. The wind is blowing at 5.8 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.72	Total Depth (ft-bmp)	13	Water Column (ft.)	4.28	Gallons in Well	0.7
		Pump Intake (ft-bmp)	10.22	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.67		--		
Sample Time: Label	16:16	Volume Purged	1.87 gallons	Replicate/Code No.		Sampled by	Gary Schafer
Purge Start	15:18						
Purge End	16:26						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:20	0	125	8.75	0.00	7.43	6.11	11.20	1.03	21.0	65.9	Clear	No Odor
15:25	5	125	8.76	0.17	7.39	5.97	7.80	0.36	21.1	58.9	Clear	No Odor
15:30	5	125	8.76	0.34	7.39	5.91	7.41	0.49	20.9	53.4	Clear	No Odor
15:35	5	125	8.76	0.51	7.38	5.85	12.00	0.78	20.7	40.3	Clear	No Odor
15:40	5	125	8.76	0.68	7.36	5.85	13.10	0.79	20.8	29.1	Clear	No Odor
15:45	5	125	8.76	0.85	7.34	5.84	12.80	0.99	20.9	16.8	Clear	No Odor
15:50	5	125	8.76	1.02	7.33	5.83	13.00	1.08	20.7	5.4	Clear	No Odor
15:55	5	125	8.76	1.19	7.33	5.83	14.00	1.37	20.7	-3.6	Clear	No Odor
16:00	5	125	8.76	1.36	7.32	5.82	12.00	1.18	20.8	-12.6	Clear	No Odor
16:05	5	125	8.76	1.53	7.34	5.82	13.10	1.19	21.3	-21.6	Clear	No Odor
16:10	5	125	8.76	1.70	7.33	5.83	13.40	1.20	21.0	-29.1	Clear	No Odor
16:15	5	125	8.76	1.87	7.33	5.82	12.60	1.19	21.1	-29.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-73D			Date	08-09-2022
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Mostly Cloudy. The wind is blowing N at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	13.5-18.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.13	Total Depth (ft-bmp)	17.38	Water Column (ft.)	11.25	Gallons in Well	1.83
		Pump Intake (ft-bmp)	16	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.11		--		Gary Schafer
Sample Time: Label	13:31	Volume Purged	2.04 gallons	Replicate/Code No.		Sampled by	
Purge Start	12:27						
Purge End	13:41						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:30	0	125	6.24	0.00	7.49	6.39	23.40	0.44	19.5	-31.8	Clear	No Odor
12:35	5	125	6.24	0.17	7.52	6.24	16.40	0.20	19.4	-52.6	Clear, Small White Particulates	No Odor
12:40	5	125	6.24	0.34	7.54	6.02	13.70	0.29	19.3	-60.8	Clear, Small White Particulates	No Odor
12:45	5	125	6.24	0.51	7.57	5.83	14.60	0.29	19.1	-64.7	Clear, Small White Particulates	No Odor
12:50	5	125	6.25	0.68	7.59	5.43	10.90	0.42	18.9	-69.4	Clear	No Odor
12:55	5	125	6.24	0.85	7.61	5.23	11.40	0.38	18.9	-72.2	Clear	No Odor
13:00	5	125	6.23	1.02	7.62	5.07	8.79	0.38	19.2	-75.0	Clear	No Odor
13:05	5	125	6.23	1.19	7.63	4.94	7.67	0.38	18.9	-77.9	Clear	No Odor
13:10	5	125	6.24	1.36	7.64	4.92	7.96	0.36	18.8	-79.9	Clear	No Odor
13:15	5	125	6.24	1.53	7.66	4.99	6.65	0.35	18.6	-81.6	Clear	No Odor
13:20	5	125	6.25	1.70	7.67	4.90	4.35	0.35	18.8	-83.0	Clear	No Odor
13:25	5	125	6.24	1.87	7.67	5.38	2.94	0.36	18.9	-83.6	Clear	No Odor
13:30	5	125	6.25	2.04	7.67	5.44	6.70	0.35	19.0	-83.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Commercial Row	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-73SR			Date	08-09-2022
Project Name/Location	Ford LTP			Weather		Sun and clouds temp 75	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.18	Total Depth (ft-bmp)	12.4	Water Column (ft.)	6.22	Gallons in Well	1.01
		Pump Intake (ft-bmp)	7.68	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.35		--		
Sample Time:	Label 12:01	Volume Purged	1.36 gallons	Replicate/Code No.		Sampled by	Gary Schafer
	Purge Start 11:18						
	Purge End 12:14						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	125	6.19	0.00	6.97	3.34	29.80	0.71	22.6	-25.5	Clear, Small Orange Particulates	No Odor
11:25	5	125	6.18	0.17	6.95	3.51	15.80	0.42	22.4	-24.7	Clear, Small Orange Particulates	No Odor
11:30	5	125	6.17	0.34	6.95	3.93	10.70	0.36	22.2	-22.7	Clear	No Odor
11:35	5	125	6.21	0.51	6.96	4.99	5.27	0.29	22.3	-19.3	Clear	No Odor
11:40	5	125	6.20	0.68	7.01	5.88	2.80	0.21	22.2	-18.1	Small White Particulates	No Odor
11:45	5	125	6.19	0.85	7.04	6.27	8.94	0.46	22.3	-18.8	Clear	No Odor
11:50	5	125	6.19	1.02	7.07	6.50	2.17	0.27	22.3	-21.1	Clear	No Odor
11:55	5	125	6.20	1.19	7.09	6.62	1.70	0.36	22.2	-23.0	Clear	No Odor
12:00	5	125	6.20	1.36	7.10	6.67	3.79	0.34	22.0	-24.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Commercial Row	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-74			Date	08-03-2022
Project Name/Location	Ford LTP			Weather	88.0 degrees F and Mostly Cloudy. The wind is blowing S/SW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14.0-19.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.05	Total Depth (ft-bmp)	18.77	Water Column (ft.)	11.72	Gallons in Well	1.9
		Pump Intake (ft-bmp)	16.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.54		DUP-12		
Sample Time:	Label 14:46	Volume Purged	1.02 gallons	Replicate/Code No.		Sampled by	Gary Schafer
	Purge Start 14:13						
	Purge End 14:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:15	0	125	7.10	0.00	6.64	8.16	2.46	1.25	19.8	-95.6	Clear	No Odor
14:20	5	125	7.10	0.17	6.86	8.17	1.87	0.38	19.9	-106.0	Clear	No Odor
14:25	5	125	7.10	0.34	6.90	8.28	5.00	0.15	19.3	-111.9	Clear	No Odor
14:30	5	125	7.10	0.51	6.90	8.35	5.43	0.15	19.1	-113.6	Clear	No Odor
14:35	5	125	7.10	0.68	6.91	8.46	4.00	0.12	19.2	-115.2	Clear	No Odor
14:40	5	125	7.10	0.85	6.92	8.59	3.91	0.10	19.2	-117.2	Clear	No Odor
14:45	5	125	7.10	1.02	6.92	8.56	2.23	0.08	19.0	-117.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Commercial Row	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-74S			Date	08-03-2022
Project Name/Location	Ford LTP			Weather	82.9 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.05	Total Depth (ft-bmp)	12.42	Water Column (ft.)	5.37	Gallons in Well	0.87
		Pump Intake (ft-bmp)	8.55	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.37		--		Gary Schafer
Sample Time:	Label 13:51	Volume Purged	1.19 gallons	Replicate/Code No.		Sampled by	
	Purge Start 13:13						
	Purge End 14:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:15	0	125	7.05	0.00	6.36	6.68	1.49	0.62	22.9	144.9	Clear	No Odor
13:20	5	125	7.07	0.17	6.45	7.89	0.86	0.36	22.8	83.5	Clear	No Odor
13:25	5	125	7.08	0.34	6.51	8.17	0.29	0.25	22.6	26.2	Clear	No Odor
13:30	5	125	7.08	0.51	6.53	8.28	1.09	0.19	22.7	2.3	Clear	No Odor
13:35	5	125	7.08	0.68	6.55	8.32	1.98	0.17	22.6	-15.5	Clear	No Odor
13:40	5	125	7.08	0.85	6.57	8.45	2.43	0.19	22.7	-26.6	Clear	No Odor
13:45	5	125	7.08	1.02	6.59	8.50	0.38	0.15	22.6	-32.2	Clear	No Odor
13:50	5	125	7.08	1.19	6.60	8.58	2.49	0.20	22.5	-36.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Commercial Row	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-75D			Date	08-09-2022
Project Name/Location	Ford LTP			Weather	75.9 degrees F and Mostly Cloudy. The wind is blowing E at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12.0-17.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.89	Total Depth (ft-bmp)	16.55	Water Column (ft.)	10.66	Gallons in Well	1.73
		Pump Intake (ft-bmp)	14.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.47		--		Gary Schafer
Sample Time:	Label 17:06	Volume Purged	2.55 gallons	Replicate/Code No.		Sampled by	
	Purge Start 15:48						
	Purge End 17:14						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:50	0	125	5.91	0.00	7.90	7.68	121.00	1.70	18.8	-158.1	Cloudy, Gray	Faint Odor
15:55	5	125	5.91	0.17	7.93	7.67	132.00	0.25	18.8	-170.6	Cloudy, Gray	Faint Odor
16:00	5	125	5.92	0.34	7.93	7.70	118.00	0.12	19.0	-179.6	Cloudy, Gray	Faint Odor
16:05	5	125	5.92	0.51	7.93	7.71	113.00	0.18	18.5	-184.9	Cloudy, Gray	Faint Odor
16:10	5	125	5.95	0.68	7.93	7.74	101.00	0.13	18.7	-189.4	Cloudy, Gray	Faint Odor
16:15	5	125	5.92	0.85	7.93	7.74	91.90	0.15	18.5	-191.9	Cloudy	Faint Odor
16:20	5	125	5.92	1.02	7.92	7.74	86.70	0.13	18.7	-194.1	Cloudy	No Odor
16:25	5	125	5.92	1.19	7.92	7.73	85.80	0.25	18.5	-195.2	Cloudy	Faint Odor
16:30	5	125	5.91	1.36	7.92	7.73	76.30	0.26	18.5	-195.6	Cloudy	Faint Odor
16:35	5	125	5.91	1.53	7.92	7.72	70.10	0.26	18.4	-196.0	Cloudy	Faint Odor
16:40	5	125	5.91	1.70	7.91	7.70	64.40	0.24	18.4	-196.4	Cloudy	Faint Odor
16:45	5	125	5.92	1.87	7.92	7.72	59.80	1.36	18.6	-194.0	Cloudy	Faint Odor
16:50	5	125	5.91	2.04	7.90	7.70	62.50	1.97	18.6	-193.5	Cloudy	No Odor
16:55	5	125	5.92	2.21	7.90	7.68	55.20	1.12	18.4	-193.9	Cloudy	Faint Odor
17:00	5	125	5.90	2.38	7.91	7.71	50.20	0.75	18.9	-192.4	Cloudy	Faint Odor
17:05	5	125	5.90	2.55	7.90	7.66	46.50	1.22	18.4	-192.1	Cloudy	Faint Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Commercial Row	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-75SR			Date	08-09-2022
Project Name/Location	Ford LTP	Weather	73.9 degrees F and Mostly Cloudy. The wind is blowing N at 5.8 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.95	Total Depth (ft-bmp)	12.36	Water Column (ft.)	6.41	Gallons in Well	1.04
		Pump Intake (ft-bmp)	7.45	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.96		--		
Sample Time: Label	15:16	Volume Purged	2.04 gallons	Replicate/Code No.		Sampled by	Gary Schafer
Purge Start	14:13						
Purge End	15:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:15	0	125	5.95	0.00	7.37	1.73	2.50	0.15	21.3	-29.4	Clear	No Odor
14:20	5	125	5.96	0.17	7.35	1.82	2.29	0.13	21.2	-45.0	Clear	No Odor
14:25	5	125	5.95	0.34	7.37	1.88	2.78	0.30	21.8	-59.2	Clear	No Odor
14:30	5	125	5.96	0.51	7.39	2.00	2.77	0.13	21.0	-64.1	Clear	No Odor
14:35	5	125	5.96	0.68	7.43	2.12	1.70	0.13	20.9	-73.8	Clear	No Odor
14:40	5	125	5.97	0.85	7.49	2.34	0.61	0.11	21.3	-69.8	Clear	No Odor
14:45	5	125	5.96	1.02	7.52	2.50	0.02	0.12	21.2	-68.7	Clear	No Odor
14:50	5	125	5.96	1.19	7.54	2.64	0.66	0.14	21.9	-74.7	Clear	No Odor
14:55	5	125	5.97	1.36	7.55	2.69	1.48	0.10	21.6	-76.0	Clear	No Odor
15:00	5	125	5.96	1.53	7.55	2.71	1.21	0.23	22.8	-73.1	Clear	No Odor
15:05	5	125	5.97	1.70	7.55	2.74	1.26	0.12	21.8	-64.9	Clear	No Odor
15:10	5	125	5.96	1.87	7.55	2.80	1.34	0.15	21.8	-67.4	Clear	No Odor
15:15	5	125	5.96	2.04	7.57	2.88	0.68	0.11	21.5	-67.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Commercial Row	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-76			Date	08-17-2022
Project Name/Location	Ford LTP			Weather	65 F, N 5 mph wind, partly cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.95	Total Depth (ft-bmp)	19.65	Water Column (ft.)	9.7	Gallons in Well	1.58
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.29		MW-76-MS_081722, MW-76-MSD_081722		
Sample Time:	Label 11:16	Volume Purged	2.04 gallons	Replicate/Code No.		Sampled by	Gary Schafer
	Purge Start 10:12						
	Purge End 11:36						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	125	9.95	0.00	7.96	4.69	1.12	0.30	18.8	-81.4	Clear	No Odor
10:20	5	125	9.95	0.17	7.99	3.94	6.65	0.15	18.7	-78.7	Clear	No Odor
10:25	5	125	9.95	0.34	7.97	3.83	5.24	0.16	19.0	-78.4	Clear	No Odor
10:30	5	125	9.95	0.51	7.96	3.76	2.14	0.16	19.0	-77.8	Clear	No Odor
10:35	5	125	9.95	0.68	7.96	3.75	6.33	0.14	19.0	-63.3	Clear, Yellow	No Odor
10:40	5	125	9.95	0.85	7.95	3.78	9.35	0.13	19.0	-62.8	Clear, Yellow	No Odor
10:45	5	125	9.95	1.02	7.95	3.78	4.53	0.13	19.1	-62.5	Clear, Yellow	No Odor
10:50	5	125	9.95	1.19	7.95	3.80	5.63	0.13	19.4	-62.9	Clear, Yellow	No Odor
10:55	5	125	9.95	1.36	7.94	3.84	4.72	0.13	19.7	-62.2	Clear, Yellow	No Odor
11:00	5	125	9.95	1.53	7.89	3.47	6.42	0.19	19.7	-59.7	Clear, Yellow	No Odor
11:05	5	125	9.95	1.70	7.90	3.85	9.19	0.14	20.2	-60.1	Clear, Yellow	No Odor
11:10	5	125	9.95	1.87	7.90	3.96	2.24	0.13	21.0	-66.6	Clear	No Odor
11:15	5	125	9.95	2.04	7.85	4.44	0.85	0.15	21.3	-70.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Plymouth ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-76S			Date	08-17-2022
Project Name/Location	Ford LTP	Weather	62.1 degrees F and Partly Cloudy. The wind is blowing N at 5.8 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.84	Total Depth (ft-bmp)	14.15	Water Column (ft.)	4.31	Gallons in Well	0.7
		Pump Intake (ft-bmp)	11.34	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.91		--		Gary Schafer
Sample Time:	Label 09:46	Volume Purged	2.04 gallons	Replicate/Code No.		Sampled by	
	Purge Start 08:43						
	Purge End 09:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:45	0	125	9.88	0.00	7.38	3.50	208.00	6.16	19.5	121.9	Brown, Cloudy	No Odor
08:50	5	125	9.88	0.17	7.40	3.50	218.00	5.68	19.4	88.1	Brown, Cloudy	No Odor
08:55	5	125	9.88	0.34	7.43	3.43	217.00	5.67	19.3	67.1	Brown, Cloudy	No Odor
09:00	5	125	9.88	0.51	7.44	3.37	205.00	1.16	19.4	52.0	Brown, Cloudy	No Odor
09:05	5	125	9.88	0.68	7.47	3.27	178.00	1.03	19.1	36.2	Brown, Cloudy	No Odor
09:10	5	125	9.88	0.85	7.50	3.17	151.00	1.14	19.2	25.5	Brown, Cloudy	No Odor
09:15	5	125	9.88	1.02	7.51	3.14	134.00	1.04	19.2	21.7	Brown, Cloudy	No Odor
09:20	5	125	9.88	1.19	7.54	3.05	100.00	0.99	19.5	14.6	Brown, Turbid	No Odor
09:25	5	125	9.88	1.36	7.56	3.02	81.60	1.03	19.3	11.1	Brown, Turbid	No Odor
09:30	5	125	9.88	1.53	7.58	2.95	65.50	0.86	19.4	5.3	Brown, Turbid	No Odor
09:35	5	125	9.88	1.70	7.58	2.93	55.70	0.86	19.4	3.5	Brown, Turbid	No Odor
09:40	5	125	9.88	1.87	7.59	2.89	45.30	0.90	19.3	-1.0	Brown, Turbid	No Odor
09:45	5	125	9.88	2.04	7.60	2.85	36.70	0.91	19.3	-4.4	Brown, Turbid	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Plymouth ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-77			Date	08-19-2022
Project Name/Location		Ford LTP		Weather	69.1 degrees F and Mostly Clear. The wind is blowing SW at 5.8 mph.		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	9.0-14.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		6.03	Total Depth (ft-bmp)	13.7	Water Column (ft.)	7.67	Gallons in Well	1.25
			Pump Intake (ft-bmp)	11.5	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	1.73		--		
Sample Time:	Label	11:15	Volume Purged	2.16 gallons	Replicate/Code No.		Sampled by	Lottie Jay
	Purge Start	10:13						
	Purge End	11:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	140	6.05	0.00	7.34	1.42	16.70	0.38	18.6	110.5	Clear, Small Orange Particulates, Small White Particulates	No Odor
10:20	5	140	6.05	0.18	7.35	1.22	17.10	0.21	18.6	90.8	Clear, Small Orange Particulates, Small White Particulates	No Odor
10:25	5	140	6.05	0.36	7.35	1.14	11.30	0.20	18.6	68.5	Clear, Small Orange Particulates, Small White Particulates	No Odor
10:30	5	140	6.05	0.54	7.37	1.11	6.41	0.22	18.6	46.2	Clear, Small Orange Particulates, Small White Particulates	No Odor
10:35	5	140	6.04	0.72	7.37	1.11	4.03	0.23	18.6	27.7	Clear, Small White Particulates	No Odor
10:40	5	140	6.04	0.90	7.38	1.12	3.45	0.19	18.6	12.3	Clear, Small White Particulates	No Odor
10:45	5	140	6.04	1.08	7.38	1.12	3.84	0.17	18.7	2.2	Clear, Small White Particulates	No Odor
10:50	5	140	6.04	1.26	7.38	1.13	2.39	0.30	18.7	-41.2	Clear, Small White Particulates	No Odor
10:55	5	140	6.05	1.44	7.38	1.13	1.93	0.24	18.9	-50.4	Clear, Small White Particulates	No Odor
11:00	5	140	6.05	1.62	7.38	1.13	3.82	0.13	18.7	-61.3	Clear, Small White Particulates	No Odor
11:05	5	140	6.05	1.80	7.40	1.12	3.39	0.13	18.7	-76.2	Clear, Small White Particulates	No Odor
11:10	5	140	6.05	1.98	7.40	1.12	2.99	0.12	18.7	-82.1	Clear, Small White Particulates	No Odor
11:15	5	140	6.05	2.16	7.40	1.12	2.99	0.12	18.7	-88.0	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-77S			Date	08-19-2022
Project Name/Location		Ford LTP	Weather	63.0 degrees F and Mostly Cloudy. The wind is blowing S at 4.7 mph.			
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		5.93	Total Depth (ft-bmp)	12.14	Water Column (ft.)	6.21	Gallons in Well	1.01
			Pump Intake (ft-bmp)	7.43	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	2.5		--		
Sample Time:	Label	10:10	Volume Purged	2.52 gallons	Replicate/Code No.		Sampled by	Lottie Jay
	Purge Start	09:05						
	Purge End	10:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:10	0	160	5.95	0.00	7.12	0.54	43.70	0.64	20.0	219.5	Clear, Small Orange Particulates	No Odor
09:15	5	160	5.95	0.21	7.23	0.54	22.80	0.32	19.8	219.2	Clear, Small Orange Particulates	No Odor
09:20	5	160	5.95	0.42	7.29	0.55	15.20	0.20	19.7	212.5	Clear, Small Orange Particulates	No Odor
09:25	5	160	5.95	0.63	7.32	0.57	10.10	0.17	19.7	207.1	Clear, Small Orange Particulates	No Odor
09:30	5	160	5.95	0.84	7.34	0.58	7.95	0.15	19.6	200.5	Clear, Small Orange Particulates	No Odor
09:35	5	160	5.95	1.05	7.35	0.60	5.83	0.13	19.6	194.4	Clear, Small Orange Particulates	No Odor
09:40	5	160	5.95	1.26	7.36	0.61	4.06	0.13	19.6	188.6	Clear, Small Orange Particulates	No Odor
09:45	5	160	5.95	1.47	7.36	0.63	4.05	0.11	19.6	184.7	Clear, Small Orange Particulates	No Odor
09:50	5	160	5.95	1.68	7.37	0.64	3.97	0.11	19.6	180.1	Clear, Small Orange Particulates	No Odor
09:55	5	160	5.95	1.89	7.38	0.66	3.39	0.12	19.6	172.8	Clear, Small Orange Particulates	No Odor
10:00	5	160	5.95	2.10	7.38	0.66	4.15	0.10	19.6	168.2	Clear, Small Orange Particulates	No Odor
10:05	5	160	5.95	2.31	7.39	0.67	2.94	0.10	19.6	160.0	Clear, Small White Particulates	No Odor
10:10	5	160	5.95	2.52	7.39	0.68	2.60	0.09	19.6	155.9	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-78			Date	08-05-2022
Project Name/Location		Ford LTP	Weather	73.0 degrees F and Fog/Mist. The wind is blowing E/NE at 5.8 mph. 90% humidity, 30.10 inHg			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7.0-12.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.15	Total Depth (ft-bmp)	11.75	Water Column (ft.)	8.6	Gallons in Well	1.4
		Pump Intake (ft-bmp)	9.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.67				
Sample Time: Label	10:40	Volume Purged	2.34 gallons	Replicate/Code No.	MW-78-MS_080522, MW-78-MSD_080522	Sampled by	Sommer Guy
Purge Start	09:47						
Purge End	10:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:49	0	200	3.17	0.00	7.70	3.70	9.60	3.74	18.6	4.0	Clear, Small Orange Particulates	No Odor
09:54	5	200	3.17	0.26	7.30	3.57	11.70	3.42	18.2	-122.6	Clear	No Odor
09:59	5	200	3.17	0.52	7.25	3.16	4.31	3.01	18.4	-132.4	Clear	No Odor
10:04	5	200	3.17	0.78	7.26	2.93	3.92	2.99	18.4	-136.9	Clear	No Odor
10:09	5	200	3.17	1.04	7.27	2.80	2.28	2.42	18.5	-137.7	Clear	No Odor
10:14	5	200	3.17	1.30	7.28	2.72	2.28	2.54	18.4	-140.5	Clear	No Odor
10:19	5	200	3.17	1.56	7.29	2.65	3.22	2.38	18.3	-138.9	Clear	No Odor
10:24	5	200	3.18	1.82	7.30	2.60	4.11	2.17	18.4	-137.7	Clear	No Odor
10:29	5	200	3.18	2.08	7.31	2.59	4.76	2.08	18.4	-136.5	Clear	No Odor
10:34	5	200	3.18	2.34	7.31	2.57	4.09	1.97	18.4	-135.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-78S			Date	08-02-2022
Project Name/Location	Ford LTP			Weather	80.1 degrees F and Partly Cloudy. The wind is blowing W/NW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.83	Total Depth (ft-bmp)	12.33	Water Column (ft.)	8.5	Gallons in Well	1.38
		Pump Intake (ft-bmp)	5.33	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.67		--		Sommer Guy
Sample Time:	Label 15:50	Volume Purged	2.3 gallons	Replicate/Code No.		Sampled by	
	Purge Start 14:55						
	Purge End 15:52						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:56	0	175	3.85	0.00	7.25	0.97	4.45	0.28	19.6	82.3	Clear	No Odor
15:01	5	175	3.85	0.23	7.04	1.23	3.07	0.14	19.1	73.0	Clear	No Odor
15:06	5	175	3.85	0.46	6.95	1.57	3.11	0.10	18.9	49.8	Clear	No Odor
15:11	5	175	3.86	0.69	7.04	1.71	7.96	0.08	19.0	9.9	Clear	No Odor
15:16	5	175	3.86	0.92	7.11	1.82	2.62	0.13	19.0	-30.7	Clear	No Odor
15:21	5	175	3.86	1.15	7.16	1.92	4.34	0.09	18.8	-55.7	Clear	No Odor
15:26	5	175	3.86	1.38	7.19	1.96	3.99	0.09	18.9	-72.0	Clear	No Odor
15:31	5	175	3.86	1.61	7.21	2.01	4.53	0.10	19.1	-83.3	Clear	No Odor
15:36	5	175	3.86	1.84	7.23	2.03	1.61	0.09	19.0	-91.0	Clear	No Odor
15:41	5	175	3.86	2.07	7.23	2.09	0.58	0.09	18.8	-96.2	Clear	No Odor
15:46	5	175	3.86	2.30	7.23	2.07	2.64	0.09	19.0	-100.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-79D			Date	08-04-2022
Project Name/Location		Ford LTP	Weather	70 F, 91% humidity, SW 9 mph wind, 29.32 iwc			
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	10.0-15.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		6.49	Total Depth (ft-bmp)	14.68	Water Column (ft.)	8.19	Gallons in Well	1.33
			Pump Intake (ft-bmp)	12.5	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	1.13		DUP-06		
Sample Time:	Label	10:10	Volume Purged	1.5 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start	09:17						
	Purge End	10:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:20	0	110	6.49	0.00	6.98	5.96	1.88	0.83	16.0	50.7	Clear	No Odor
09:25	5	110	6.54	0.15	6.99	5.99	0.61	0.54	16.0	-2.6	Clear	No Odor
09:30	5	110	6.53	0.30	7.02	5.93	0.02	0.32	15.9	-30.2	Clear	No Odor
09:35	5	110	6.58	0.45	7.04	5.79	0.02	0.21	15.8	-47.6	Clear	No Odor
09:40	5	110	6.70	0.60	7.07	5.56	0.02	0.31	15.8	-58.4	Clear	No Odor
09:45	5	110	6.70	0.75	7.08	5.28	0.02	0.29	15.8	-66.8	Clear	No Odor
09:50	5	110	6.70	0.90	7.09	5.11	0.02	0.31	15.8	-71.1	Clear	No Odor
09:55	5	110	6.70	1.05	7.10	4.94	0.02	0.30	15.8	-75.1	Clear	No Odor
10:00	5	110	6.70	1.20	7.10	4.83	0.02	0.31	15.8	-77.8	Clear	No Odor
10:05	5	110	6.70	1.35	7.10	4.75	0.02	0.26	15.8	-80.5	Clear	No Odor
10:10	5	110	6.70	1.50	7.10	4.71	0.02	0.31	15.9	-82.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-79SR			Date	08-04-2022
Project Name/Location	Ford LTP			Weather	75 F, 84% humidity, SW 8 mph wind, 29.33 iwc		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.15	Total Depth (ft-bmp)	12.3	Water Column (ft.)	6.15	Gallons in Well	1
		Pump Intake (ft-bmp)	7.65	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.28		--		
Sample Time: Label	11:05	Volume Purged	1.28 gallons	Replicate/Code No.		Sampled by	Christian Garrido
Purge Start	10:22						
Purge End	11:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:25	0	120	6.15	0.00	7.15	0.98	4.65	0.86	18.5	-104.2	Clear, Small Black Particulates, Small Orange Particulates	No Odor
10:30	5	120	6.21	0.16	7.11	1.41	3.51	0.42	18.6	-60.5	Clear, Small Orange Particulates	No Odor
10:35	5	120	6.23	0.32	7.08	1.57	0.02	0.32	18.5	-56.9	Clear, Small Orange Particulates	No Odor
10:40	5	120	6.25	0.48	7.04	1.72	0.02	0.28	18.4	-53.4	Clear, Small Orange Particulates	No Odor
10:45	5	120	6.25	0.64	7.04	1.86	0.02	0.28	18.4	-54.1	Clear	No Odor
10:50	5	120	6.25	0.80	7.03	1.94	0.02	0.25	18.2	-54.9	Clear	No Odor
10:55	5	120	6.25	0.96	7.02	2.09	0.02	0.26	18.2	-55.4	Clear	No Odor
11:00	5	120	6.25	1.12	7.03	2.10	0.02	0.27	18.2	-56.3	Clear	No Odor
11:05	5	120	6.25	1.28	7.03	2.13	0.02	0.25	18.3	-57.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-80SR			Date	08-18-2022
Project Name/Location	Ford LTP			Weather	66F, 87% humidity, 29.37" Hg, 0 mph winds, partly cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.23	Total Depth (ft-bmp)	12.2	Water Column (ft.)	7.97	Gallons in Well	1.3
		Pump Intake (ft-bmp)	5.73	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.97		Dup-07		
Sample Time: Label	09:25	Volume Purged	1.26 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	08:48						
Purge End	09:29						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:52	0	160	4.29	0.00	7.05	1.30	5.19	1.07	20.6	-12.1	Clear	No Odor
08:57	5	160	4.28	0.21	7.04	1.35	2.74	0.24	20.5	-49.2	Clear	No Odor
09:02	5	160	4.28	0.42	7.07	1.49	0.09	0.14	20.4	-61.9	Clear	No Odor
09:07	5	160	4.28	0.63	7.09	1.61	0.02	0.14	20.4	-67.1	Clear	No Odor
09:12	5	160	4.28	0.84	7.09	1.67	0.02	0.11	20.4	-71.1	Clear	No Odor
09:17	5	160	4.28	1.05	7.10	1.69	0.02	0.10	20.4	-73.5	Clear	No Odor
09:22	5	160	4.28	1.26	7.10	1.71	0.02	0.07	20.3	-75.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Brewster ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-81			Date	08-08-2022
Project Name/Location		Ford LTP		Weather	Sun and clouds raining around 8 am temp is 83		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.9	Total Depth (ft-bmp)	12.68	Water Column (ft.)	5.78	Gallons in Well	0.94
		Pump Intake (ft-bmp)	10.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.17		MW-81-MS_080822, MW-81-MSD_080822		
Sample Time:	Label 13:16	Volume Purged	2.04 gallons	Replicate/Code No.		Sampled by	Gary Schafer
	Purge Start 12:13						
	Purge End 13:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:15	0	125	7.40	0.00	7.13	1.72	0.73	1.54	18.7	100.4	Clear	No Odor
12:20	5	125	7.42	0.17	7.03	1.70	0.89	0.85	18.7	95.0	Clear	No Odor
12:25	5	125	7.42	0.34	7.02	1.66	0.28	0.51	19.2	84.0	Clear	No Odor
12:30	5	125	7.50	0.51	7.03	1.61	0.47	0.44	18.5	79.0	Clear	No Odor
12:35	5	125	7.56	0.68	7.03	1.59	0.74	0.42	18.4	74.0	Clear	No Odor
12:40	5	125	7.58	0.85	7.04	1.61	0.02	0.42	18.6	71.8	Clear	No Odor
12:45	5	125	7.63	1.02	7.05	1.66	0.36	0.40	18.7	60.7	Clear	No Odor
12:50	5	125	7.65	1.19	7.05	1.66	0.22	0.39	18.7	57.1	Clear	No Odor
12:55	5	125	7.65	1.36	7.08	1.69	1.80	0.38	18.8	42.0	Clear	No Odor
13:00	5	125	7.65	1.53	7.08	1.77	1.21	0.37	18.8	40.1	Clear	No Odor
13:05	5	125	7.65	1.70	7.09	1.78	0.89	0.36	18.7	31.5	Clear	No Odor
13:10	5	125	7.65	1.87	7.09	1.78	1.23	0.35	18.8	24.7	Clear	No Odor
13:15	5	125	7.65	2.04	7.09	1.78	0.90	0.36	18.8	19.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Resident Row stark street	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-81S			Date	08-08-2022
Project Name/Location	Ford LTP			Weather	86.0 degrees F and Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.43	Total Depth (ft-bmp)	12.54	Water Column (ft.)	5.11	Gallons in Well	0.83
		Pump Intake (ft-bmp)	8.93	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.46		--		Gary Schafer
Sample Time:	Label 14:51	Volume Purged	2.04 gallons	Replicate/Code No.		Sampled by	
	Purge Start 13:48						
	Purge End 15:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:50	0	125	8.50	0.00	7.01	1.96	20.00	1.40	18.9	77.0	Clear	No Odor
13:55	5	125	8.50	0.17	7.01	2.01	18.10	0.77	18.8	72.6	Clear	No Odor
14:00	5	125	8.50	0.34	7.02	2.08	17.80	0.62	18.7	68.1	Clear	No Odor
14:05	5	125	8.50	0.51	7.03	2.13	27.10	0.76	18.9	61.0	Clear	No Odor
14:10	5	125	8.50	0.68	7.05	2.21	25.60	6.66	18.8	4.2	Clear	No Odor
14:15	5	125	8.50	0.85	7.05	2.20	23.50	6.56	18.7	1.0	Clear	No Odor
14:20	5	125	8.50	1.02	7.05	2.20	20.10	6.44	18.9	-3.3	Clear	No Odor
14:25	5	125	8.50	1.19	7.05	2.24	21.10	6.42	18.8	-11.8	Clear	No Odor
14:30	5	125	8.50	1.36	7.06	2.25	22.00	6.24	18.7	-22.6	Clear	No Odor
14:35	5	125	8.50	1.53	7.06	2.21	18.00	6.22	18.6	-24.5	Clear	No Odor
14:40	5	125	8.50	1.70	7.06	2.22	16.40	6.23	18.7	-30.0	Clear	No Odor
14:45	5	125	8.50	1.87	7.06	2.21	16.00	6.19	18.7	-26.3	Clear	No Odor
14:50	5	125	8.50	2.04	7.06	2.24	12.30	6.20	18.8	-23.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Resident Row	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-82D			Date	08-17-2022
Project Name/Location	Ford LTP			Weather	75.9 degrees F and Partly Cloudy. The wind is blowing N/NE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	18.0-23.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.24	Total Depth (ft-bmp)	22.71	Water Column (ft.)	14.47	Gallons in Well	2.35
		Pump Intake (ft-bmp)	20.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.89		--		Lottie Jay
Sample Time:	Label 13:00	Volume Purged	2.1 gallons	Replicate/Code No.		Sampled by	
	Purge Start 12:05						
	Purge End 13:04						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:10	0	160	8.28	0.00	7.32	1.13	10.70	1.42	18.9	73.1	Clear, Small White Particulates	No Odor
12:15	5	160	8.28	0.21	7.10	1.11	6.86	0.58	18.2	48.5	Clear, Small White Particulates	No Odor
12:20	5	160	8.28	0.42	7.18	1.10	8.51	0.41	18.1	23.3	Clear, Small White Particulates	No Odor
12:25	5	160	8.28	0.63	7.18	1.10	8.35	0.20	18.0	12.6	Clear, Small White Particulates	No Odor
12:30	5	160	8.28	0.84	7.18	1.10	5.99	0.19	18.0	7.4	Clear, Small White Particulates	No Odor
12:35	5	160	8.28	1.05	7.16	1.08	5.67	0.20	17.5	-4.7	Clear, Small White Particulates	No Odor
12:40	5	160	8.28	1.26	7.15	1.08	4.93	0.19	17.6	-12.6	Clear, Small White Particulates	No Odor
12:45	5	160	8.28	1.47	7.20	1.09	8.49	0.18	17.6	-24.4	Clear, Small White Particulates	No Odor
12:50	5	160	8.28	1.68	7.17	1.08	3.89	0.18	17.6	-39.6	Clear, Small White Particulates	No Odor
12:55	5	160	8.28	1.89	7.21	1.09	4.61	0.16	17.9	-42.3	Clear, Small White Particulates	No Odor
13:00	5	160	8.28	2.10	7.21	1.09	1.44	0.12	17.9	-43.6	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-82SR			Date	08-17-2022
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Partly Cloudy. The wind is blowing N/NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.0-15.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.22	Total Depth (ft-bmp)	16.09	Water Column (ft.)	7.87	Gallons in Well	1.28
		Pump Intake (ft-bmp)	9.72	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.27		--		
Sample Time: Label	11:55	Volume Purged	1.62 gallons	Replicate/Code No.		Sampled by	Lottie Jay
Purge Start	11:05						
Purge End	11:57						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	140	8.83	0.00	6.86	1.32	10.50	1.14	18.7	129.6	Clear, Small White Particulates	No Odor
11:15	5	140	8.83	0.18	6.87	1.32	8.72	1.16	18.4	129.9	Clear, Small White Particulates	No Odor
11:20	5	140	8.83	0.36	6.87	1.32	7.47	0.66	18.2	123.4	Clear, Small White Particulates	No Odor
11:25	5	140	8.83	0.54	6.87	1.32	5.04	0.94	18.2	114.9	Clear, Small White Particulates	No Odor
11:30	5	140	8.83	0.72	6.88	1.32	1.96	0.63	18.2	102.4	Clear, Small White Particulates	No Odor
11:35	5	140	8.83	0.90	6.88	1.31	3.86	0.65	18.1	94.0	Clear, Small White Particulates	No Odor
11:40	5	140	8.83	1.08	6.87	1.31	3.52	0.82	18.2	87.2	Clear, Small White Particulates	No Odor
11:45	5	140	8.83	1.26	6.92	1.32	2.16	0.41	18.4	82.2	Clear, Small White Particulates	No Odor
11:50	5	140	8.83	1.44	6.93	1.30	2.34	0.41	18.1	80.4	Clear, Small White Particulates	No Odor
11:55	5	140	8.83	1.62	6.88	1.30	3.28	0.45	18.1	77.8	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-83			Date	08-16-2022
Project Name/Location		Ford LTP	Weather	73.9 degrees F and Mostly Clear. The wind is blowing E/NE at 9.2 mph.			
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		7.6	Total Depth (ft-bmp)	12.4	Water Column (ft.)	4.8	Gallons in Well	0.78
			Pump Intake (ft-bmp)	10.5	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	4.59		--		
Sample Time:	Label	11:50	Volume Purged	3.58 gallons	Replicate/Code No.		Sampled by	Lottie Jay
	Purge Start	11:05						
	Purge End	11:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	160	7.65	0.00	7.12	1.19	3.26	0.54	17.6	163.0	Clear, Small Black Particulates, Small Orange Particulates, Small White Particulates	No Odor
11:15	5	160	7.65	0.21	7.15	1.13	2.85	0.40	17.5	159.1	Clear, Small Black Particulates, Small Orange Particulates, Small White Particulates	No Odor
11:20	5	160	7.65	0.42	7.16	1.13	3.78	0.46	17.5	158.6	Clear, Small Black Particulates, Small Orange Particulates, Small White Particulates	No Odor
11:25	5	160	7.65	0.63	7.18	1.16	2.35	0.78	17.4	156.8	Clear, Small Black Particulates, Small Orange Particulates, Small White Particulates	No Odor
11:30	5	160	7.65	0.84	7.17	1.16	2.16	0.87	17.4	157.1	Clear, Small Black Particulates, Small White Particulates	No Odor
11:35	5	160	7.65	1.05	7.18	1.17	2.05	0.56	17.4	156.1	Clear, Small White Particulates	No Odor
11:40	5	1601	7.65	1.26	7.18	1.18	1.96	0.61	17.5	154.9	Clear, Small White Particulates	No Odor
11:45	5	160	7.65	3.37	7.18	1.18	1.85	0.63	17.3	154.5	Clear, Small White Particulates	No Odor
11:50	5	160	7.65	3.58	7.18	1.19	2.42	0.58	17.4	152.6	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-83S			Date	08-16-2022
Project Name/Location	Ford LTP	Weather	75.9 degrees F and Mostly Clear. The wind is blowing NE at 12.8 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.76	Total Depth (ft-bmp)	12.79	Water Column (ft.)	5.03	Gallons in Well	0.82
		Pump Intake (ft-bmp)	9.26	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.54				
Sample Time: Label	12:50	Volume Purged	1.26 gallons	Replicate/Code No.	MW-83S-MS_081622, MW-83S-MSD_081622	Sampled by	Lottie Jay
Purge Start	12:15						
Purge End	12:59						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	160	7.77	0.00	7.24	1.03	0.77	0.52	18.8	153.5	Clear, Small White Particulates	No Odor
12:25	5	160	7.77	0.21	7.15	1.04	1.86	0.25	18.5	147.1	Clear, Small White Particulates	No Odor
12:30	5	160	7.77	0.42	7.15	1.07	1.50	0.21	18.4	136.6	Clear, Small White Particulates	No Odor
12:35	5	160	7.77	0.63	7.16	1.09	2.09	0.16	18.3	133.7	Clear, Small White Particulates	No Odor
12:40	5	160	7.77	0.84	7.18	1.12	0.97	0.16	18.2	129.1	Clear, Small White Particulates	No Odor
12:45	5	160	7.79	1.05	7.18	1.14	1.81	0.12	18.0	126.5	Clear, Small White Particulates	No Odor
12:50	5	160	7.79	1.26	7.16	1.14	1.48	0.11	17.9	125.8	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-84			Date	08-03-2022
Project Name/Location	Ford LTP			Weather	88.0 degrees F and Mostly Cloudy. The wind is blowing S/SW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.21	Total Depth (ft-bmp)	12.54	Water Column (ft.)	7.33	Gallons in Well	1.19
		Pump Intake (ft-bmp)	10.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.36		--		Sommer Guy
Sample Time: Label	14:08	Volume Purged	1.62 gallons	Replicate/Code No.		Sampled by	
Purge Start	13:31						
Purge End	14:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:32	0	220	5.23	0.00	8.02	5.89	13.10	0.75	19.9	-29.1	Clear, Small White Particulates	No Odor
13:37	5	220	5.23	0.29	7.35	5.53	5.23	0.07	19.2	-134.0	Clear	No Odor
13:42	5	200	5.23	0.58	7.20	5.19	8.83	0.05	19.5	-122.3	Clear, Small White Particulates	No Odor
13:47	5	200	5.53	0.84	7.15	5.01	6.36	0.07	19.3	-116.0	Clear	No Odor
13:52	5	200	5.23	1.10	7.14	4.91	4.15	0.07	19.5	-111.1	Clear	No Odor
13:57	5	200	5.23	1.36	7.14	4.88	4.27	0.07	19.6	-108.6	Clear	No Odor
14:02	5	200	5.32	1.62	7.13	4.85	1.65	0.08	19.3	-107.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-84S			Date	08-04-2022
Project Name/Location	Ford LTP		Weather	78.1 degrees F and Cloudy. The wind is blowing W/SW at 11.4 mph. 80% humidity, 29.97 inHg			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.23	Total Depth (ft-bmp)	12.71	Water Column (ft.)	7.48	Gallons in Well	1.22
		Pump Intake (ft-bmp)	6.73	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.13		--		Sommer Guy
Sample Time: Label	14:13	Volume Purged	2.6 gallons	Replicate/Code No.		Sampled by	
Purge Start	13:15						
Purge End	14:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:17	0	200	5.25	0.00	8.70	1.25	0.29	0.51	20.6	12.0	Clear	No Odor
13:22	5	200	5.25	0.26	7.17	1.10	1.08	0.11	19.6	22.8	Clear	No Odor
13:27	5	200	5.25	0.52	7.02	1.24	0.93	0.09	19.4	-73.9	Clear	No Odor
13:32	5	200	5.25	0.78	6.98	1.49	0.50	0.09	19.4	-84.9	Clear	No Odor
13:37	5	200	5.25	1.04	6.99	1.77	1.20	0.08	19.5	-87.7	Clear	No Odor
13:42	5	200	5.25	1.30	7.01	1.95	0.08	0.09	19.4	-89.5	Clear	No Odor
13:47	5	200	5.25	1.56	7.03	2.05	0.49	0.08	19.4	-91.6	Clear	No Odor
13:52	5	200	5.25	1.82	7.06	2.13	0.37	0.09	19.4	-92.3	Clear	No Odor
13:57	5	200	5.25	2.08	7.07	2.22	1.49	0.10	19.4	-93.1	Clear	No Odor
14:02	5	200	5.25	2.34	7.08	2.24	0.73	0.10	19.4	-94.0	Clear	No Odor
14:07	5	200	5.25	2.60	7.09	2.25	0.13	0.11	19.3	-93.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-85			Date	08-12-2022
Project Name/Location	Ford LTP			Weather	64.9 degrees F and Mostly Clear. The wind is blowing N at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.03	Total Depth (ft-bmp)	12.69	Water Column (ft.)	6.66	Gallons in Well	1.08
		Pump Intake (ft-bmp)	10.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1		DUP-08		
Sample Time: Label	10:15	Volume Purged	1.08 gallons	Replicate/Code No.		Sampled by	Lottie Jay
Purge Start	09:40						
Purge End	10:21						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:45	0	140	6.05	0.00	7.03	4.10	3.36	0.34	19.8	-42.2	Clear, Small White Particulates	No Odor
09:50	5	140	6.05	0.18	7.03	4.13	3.92	0.20	20.0	-65.4	Clear, Small White Particulates	No Odor
09:55	5	140	6.05	0.36	7.03	4.03	2.30	0.21	20.1	-73.2	Clear, Small White Particulates	No Odor
10:00	5	140	6.05	0.54	7.03	3.89	2.57	0.18	20.1	-77.4	Clear, Small White Particulates	No Odor
10:05	5	140	6.06	0.72	7.03	3.75	2.98	0.16	20.2	-79.3	Clear, Small White Particulates	No Odor
10:10	5	140	6.06	0.90	7.03	3.68	2.05	0.13	20.2	-82.8	Clear	No Odor
10:15	5	140	6.06	1.08	7.03	3.67	2.44	0.13	20.2	-83.2	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosati Ave	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-85SR		Date	08-12-2022	
Project Name/Location	Ford LTP		Weather	59.0 degrees F and Mostly Clear. The wind is blowing N/NW at 5.8 mph.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.15	Total Depth (ft-bmp)	8.2	Water Column (ft.)	2.05	Gallons in Well	0.33
		Pump Intake (ft-bmp)	7.65	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.45		--		
Sample Time: Label	09:25	Volume Purged	1.8 gallons	Replicate/Code No.		Sampled by	Lottie Jay
Purge Start	08:30						
Purge End	09:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:35	0	140	6.17	0.00	7.05	2.54	104.00	0.45	21.4	43.9	Small Orange Particulates, Yellow	No Odor
08:40	5	140	6.17	0.18	7.04	2.48	44.10	0.29	21.5	16.7	Small Orange Particulates, Small White Particulates	No Odor
08:45	5	140	6.17	0.36	7.03	2.13	10.60	0.19	21.5	-14.0	Clear, Small White Particulates	No Odor
08:50	5	140	6.17	0.54	7.01	2.42	8.25	0.17	21.5	-27.6	Clear, Small White Particulates	No Odor
08:55	5	140	6.18	0.72	7.01	2.42	6.79	0.15	21.5	-38.5	Clear, Small White Particulates	No Odor
09:00	5	140	6.18	0.90	7.00	2.44	6.79	0.14	21.5	-47.1	Clear, Small White Particulates	No Odor
09:05	5	140	6.18	1.08	6.99	2.45	5.92	0.13	21.5	-51.4	Clear, Small White Particulates	No Odor
09:10	5	140	6.10	1.26	6.99	2.46	5.00	0.13	21.6	-53.9	Clear, Small White Particulates	No Odor
09:15	5	140	6.18	1.44	6.99	2.46	3.99	0.12	21.5	-57.7	Clear, Small White Particulates	No Odor
09:20	5	140	6.18	1.62	6.98	2.47	3.88	0.12	21.6	-61.3	Clear, Small White Particulates	No Odor
09:25	5	140	6.18	1.80	6.98	2.48	3.38	0.12	21.6	-62.8	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosati Ave	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-86			Date	08-09-2022
Project Name/Location	Ford LTP			Weather	66.9 degrees F and Mostly Cloudy. The wind is blowing N at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12.0-17.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.09	Total Depth (ft-bmp)	16.6	Water Column (ft.)	8.51	Gallons in Well	1.38
		Pump Intake (ft-bmp)	14.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.3		--		Lottie Jay
Sample Time: Label	10:00	Volume Purged	1.8 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:05						
Purge End	10:03						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:10	0	140	8.09	0.00	6.88	2.08	14.80	0.61	16.4	98.7	Clear, Small Black Particulates, Small Orange Particulates	No Odor
09:15	5	140	8.09	0.18	6.99	2.05	14.40	1.04	16.1	63.9	Clear, Small Black Particulates, Small Orange Particulates	No Odor
09:20	5	140	8.09	0.36	7.03	2.05	11.00	0.99	16.0	42.4	Clear, Small Orange Particulates	No Odor
09:25	5	140	8.09	0.54	7.08	2.03	6.78	0.77	16.2	26.8	Clear, Small Orange Particulates	No Odor
09:30	5	140	8.09	0.72	7.09	2.03	5.41	0.33	16.2	15.4	Clear, Small White Particulates	No Odor
09:35	5	140	8.09	0.90	7.11	2.02	3.90	0.31	15.9	-7.0	Clear, Small White Particulates	No Odor
09:40	5	140	8.09	1.08	7.12	2.02	5.00	0.31	15.9	-22.4	Clear, Small White Particulates	No Odor
09:45	5	140	8.09	1.26	7.14	2.01	4.84	0.30	16.0	-37.0	Clear, Small White Particulates	No Odor
09:50	5	140	8.09	1.44	7.15	2.00	4.52	0.31	15.9	-46.9	Clear, Small White Particulates	No Odor
09:55	5	140	8.09	1.62	7.15	1.99	3.91	0.33	15.9	-51.3	Clear, Small White Particulates	No Odor
10:00	5	140	8.09	1.80	7.16	1.99	4.13	0.34	15.9	-53.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34891 Wadsworth st; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-86S			Date	08-09-2022
Project Name/Location	Ford LTP			Weather	69.1 degrees F and Partly Cloudy. The wind is blowing N at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.24	Total Depth (ft-bmp)	12.33	Water Column (ft.)	4.09	Gallons in Well	0.66
		Pump Intake (ft-bmp)	9.74	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.27				
Sample Time: Label	11:20	Volume Purged	2.16 gallons	Replicate/Code No.	MW-86S-MS_080922, MW-86S-MSD_080922	Sampled by	Lottie Jay
Purge Start	10:15						
Purge End	11:28						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	140	8.26	0.00	7.37	0.37	29.10	4.66	18.0	-31.2	Clear, Small Orange Particulates	No Odor
10:25	5	140	8.26	0.18	7.37	0.37	34.50	4.23	17.7	-22.1	Clear, Small Orange Particulates	No Odor
10:30	5	140	8.26	0.36	7.36	0.38	33.10	4.08	17.5	-15.0	Clear, Small Orange Particulates	No Odor
10:35	5	140	8.26	0.54	7.37	0.38	28.80	3.87	17.4	-11.1	Clear, Small Orange Particulates	No Odor
10:40	5	140	8.26	0.72	7.36	0.38	33.60	3.91	17.3	-8.1	Clear, Small Orange Particulates	No Odor
10:45	5	140	8.26	0.90	7.37	0.39	55.00	3.66	17.4	-4.5	Clear, Small Orange Particulates	No Odor
10:50	5	140	8.26	1.08	7.35	0.40	55.20	3.59	17.2	0.3	Clear, Small Orange Particulates	No Odor
10:55	5	140	8.27	1.26	7.34	0.41	52.80	3.44	17.3	2.7	Clear, Small White Particulates	No Odor
11:00	5	140	8.27	1.44	7.35	0.44	40.50	2.92	17.4	4.7	Clear, Small Orange Particulates	No Odor
11:05	5	140	8.27	1.62	7.36	0.46	23.20	2.66	17.5	6.1	Clear, Small Orange Particulates	No Odor
11:10	5	140	8.27	1.80	7.32	0.47	15.70	2.37	17.4	14.3	Clear, Small Orange Particulates	No Odor
11:15	5	140	8.27	1.98	7.30	0.48	7.75	2.18	17.3	14.3	Clear, Small Orange Particulates	No Odor
11:20	5	140	8.27	2.16	7.28	0.48	5.26	2.11	17.2	16.5	Clear, Small Orange Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34891 Wadsworth st; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-87			Date	08-08-2022
Project Name/Location		Ford LTP	Weather	73.9 degrees F and Mostly Cloudy. The wind is blowing S at 6.9 mph.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14.0-19.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.99	Total Depth (ft-bmp)	18.82	Water Column (ft.)	7.83	Gallons in Well	1.27
		Pump Intake (ft-bmp)	16.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.99		--		Lottie Jay
Sample Time: Label	10:50	Volume Purged	3.8 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:45						
Purge End	10:57						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:50	0	140	11.01	0.00	7.13	0.17	3.26	0.61	16.9	148.2	Clear, Small White Particulates	No Odor
09:55	5	140	11.01	0.18	7.95	0.18	3.29	0.27	16.6	147.4	Clear	No Odor
10:00	5	140	11.01	0.33	8.06	0.20	2.87	0.23	16.5	144.7	Clear	No Odor
10:05	5	140	11.01	0.51	8.10	0.25	1.69	0.20	16.7	139.0	Clear	No Odor
10:10	5	140	11.01	0.69	8.06	0.30	1.91	0.22	16.5	136.5	Clear	No Odor
10:15	5	140	11.01	0.87	8.03	0.33	1.64	0.22	16.4	134.1	Clear	No Odor
10:20	5	140	11.01	1.05	7.99	0.37	1.59	0.22	16.4	131.5	Clear	No Odor
10:25	5	140	11.01	1.23	7.97	0.39	1.59	0.18	16.3	128.7	Clear	No Odor
10:30	5	140	11.01	1.41	7.94	0.42	0.95	0.20	16.2	125.2	Clear	No Odor
10:35	5	140	11.01	1.59	7.92	0.45	1.09	0.47	16.3	124.8	Clear	No Odor
10:40	5	1403	11.01	1.77	7.92	0.45	1.05	0.32	16.3	122.5	Clear	No Odor
10:45	5	140	11.01	3.62	7.91	0.47	0.94	0.21	16.4	118.8	Clear	No Odor
10:50	5	140	11.01	3.80	7.93	0.48	0.69	0.19	16.4	115.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34901 Standish St ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-87S			Date	08-08-2022
Project Name/Location		Ford LTP		Weather		77 F, partly cloudy	
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.84	Total Depth (ft-bmp)	14.1	Water Column (ft.)	3.26	Gallons in Well	0.53
		Pump Intake (ft-bmp)	12.34	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.08		MW-87S-MS_080822, MW-87S-MSD_080822		Lottie Jay
Sample Time:	Label 12:15	Volume Purged	2.16 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:15						
	Purge End 12:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:15	0	140	10.85	0.00	6.95	0.20	208.00	2.55	18.4	59.4	Cloudy	No Odor
11:20	5	140	10.85	0.18	6.73	0.20	175.00	1.95	18.2	51.3	Cloudy	No Odor
11:25	5	140	10.85	0.36	6.87	0.19	153.00	1.39	18.0	25.6	Cloudy	No Odor
11:30	5	140	10.85	0.54	7.15	0.17	79.00	0.80	17.9	0.3	Cloudy	No Odor
11:35	5	140	10.85	0.72	7.24	0.16	49.00	0.60	17.9	-9.2	Clear	No Odor
11:40	5	140	10.86	0.90	7.41	0.15	29.10	0.44	18.0	-24.4	Clear, Small White Particulates	No Odor
11:45	5	140	10.86	1.08	7.49	0.14	22.70	0.31	18.0	-38.4	Clear	No Odor
11:50	5	140	10.86	1.26	7.69	0.14	14.50	0.27	18.1	-59.2	Clear	No Odor
11:55	5	140	10.86	1.44	7.75	0.14	11.90	0.26	18.2	-80.1	Clear	No Odor
12:00	5	140	10.86	1.62	7.85	0.14	7.53	0.25	18.1	-89.1	Clear	No Odor
12:05	5	140	10.86	1.80	7.84	0.14	4.52	0.26	18.0	-98.9	Clear	No Odor
12:10	5	140	10.86	1.98	7.85	0.14	5.83	0.24	18.0	-104.7	Clear	No Odor
12:15	5	140	10.86	2.16	7.97	0.14	3.98	0.23	18.1	-116.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34901 Standish St ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-96S			Date	08-09-2022
Project Name/Location		Ford LTP		Weather	68f clear		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		6.61	Total Depth (ft-bmp)	12.1	Water Column (ft.)	5.49	Gallons in Well	0.89
			Pump Intake (ft-bmp)	8.11	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	1.69		--		
Sample Time:	Label	09:35	Volume Purged	1.5 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start	08:58						
	Purge End	09:39						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:04	0	190	6.62	0.00	7.39	0.54	12.60	0.42	17.6	87.8	Clear, Small Orange Particulates, Small White Particulates	No Odor
09:09	5	190	6.64	0.25	7.35	0.53	1.72	0.26	17.4	79.8	Clear, Small White Particulates	No Odor
09:14	5	190	6.64	0.50	7.34	0.54	0.02	0.25	17.3	73.7	Clear	No Odor
09:19	5	190	6.64	0.75	7.34	0.53	0.02	0.23	17.2	68.5	Clear	No Odor
09:24	5	190	6.64	1.00	7.34	0.53	0.02	0.21	17.2	65.0	Clear	No Odor
09:29	5	190	6.64	1.25	7.35	0.53	0.02	0.20	17.2	62.8	Clear	No Odor
09:34	5	190	6.64	1.50	7.35	0.53	0.02	0.17	17.1	60.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11850 Boston post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-97S			Date	08-03-2022
Project Name/Location	Ford LTP			Weather	73.0 degrees F and Cloudy. The wind is blowing S/SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.75	Total Depth (ft-bmp)	12	Water Column (ft.)	6.25	Gallons in Well	1.02
		Pump Intake (ft-bmp)	7.25	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.5		--		
Sample Time: Label	10:26	Volume Purged	1.53 gallons	Replicate/Code No.		Sampled by	Gary Schafer
Purge Start	09:38						
Purge End	10:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:40	0	125	5.75	0.00	6.91	0.59	8.67	0.57	20.1	115.9	Clear	No Odor
09:45	5	125	5.75	0.17	7.04	0.57	5.35	0.42	20.0	103.7	Clear	No Odor
09:50	5	125	5.75	0.34	7.09	0.58	4.29	0.37	19.9	95.0	Clear	No Odor
09:55	5	125	5.75	0.51	7.16	0.60	2.76	0.35	19.9	86.0	Clear	No Odor
10:00	5	125	5.75	0.68	7.18	0.64	0.99	0.34	19.9	76.3	Clear	No Odor
10:05	5	125	5.75	0.85	7.19	0.66	2.59	0.35	19.8	72.3	Clear	No Odor
10:10	5	125	5.75	1.02	7.19	0.68	0.50	0.34	19.9	66.6	Clear	No Odor
10:15	5	125	5.75	1.19	7.20	0.71	0.89	0.34	19.9	55.7	Clear	No Odor
10:20	5	125	5.75	1.36	7.22	0.72	0.49	0.35	19.8	49.9	Clear	No Odor
10:25	5	125	5.75	1.53	7.23	0.72	0.02	0.33	19.8	46.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Resident Row 11680 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-98S			Date	08-05-2022
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Fog/Mist. The wind is blowing N/NE at 8.1 mph. 80% humidity, 30.11 inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.6	Total Depth (ft-bmp)	12.11	Water Column (ft.)	9.51	Gallons in Well	1.55
		Pump Intake (ft-bmp)	4.1	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.51		--		Sommer Guy
Sample Time:	Label 12:05	Volume Purged	2.34 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:12						
	Purge End 12:07						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:13	0	200	2.65	0.00	7.59	1.16	11.40	2.44	23.3	-24.8	Clear	No Odor
11:18	5	200	2.63	0.26	7.06	0.91	1.12	2.17	22.4	-36.4	Clear	No Odor
11:23	5	200	2.64	0.52	7.00	0.84	1.11	2.05	22.1	-57.2	Clear	No Odor
11:28	5	200	2.65	0.78	6.99	0.83	0.02	1.99	22.0	-61.0	Clear	No Odor
11:33	5	200	2.65	1.04	7.00	0.88	0.34	1.93	22.0	-64.8	Clear	No Odor
11:38	5	200	2.65	1.30	7.02	0.93	0.14	1.83	21.9	-70.1	Clear	No Odor
11:43	5	200	2.65	1.56	7.03	1.02	0.09	1.80	22.1	-72.9	Clear	No Odor
11:48	5	200	2.65	1.82	7.04	1.06	0.02	1.77	21.9	-75.6	Clear	No Odor
11:53	5	200	2.65	2.08	7.04	1.09	0.37	1.72	21.9	-76.7	Clear	No Odor
11:58	5	200	2.65	2.34	7.05	1.09	0.02	1.76	21.9	-78.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-99S			Date	08-09-2022
Project Name/Location	Ford LTP			Weather	69.1 degrees F and Partly Cloudy. The wind is blowing N at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.53	Total Depth (ft-bmp)	12.85	Water Column (ft.)	6.32	Gallons in Well	1.03
		Pump Intake (ft-bmp)	8.03	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.99		--		
Sample Time:	Label 10:31	Volume Purged	1.02 gallons	Replicate/Code No.		Sampled by	Gary Schafer
	Purge Start 09:58						
	Purge End 10:41						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:00	0	125	6.55	0.00	7.29	2.21	13.30	1.40	21.0	37.1	Clear	No Odor
10:05	5	125	6.59	0.17	7.27	2.22	3.87	0.52	20.9	25.5	Clear	No Odor
10:10	5	125	6.55	0.34	7.26	2.23	2.04	0.42	20.8	17.6	Clear	No Odor
10:15	5	125	6.54	0.51	7.26	2.24	1.72	0.26	20.8	8.2	Clear	No Odor
10:20	5	125	6.55	0.68	7.27	2.24	1.32	0.24	20.7	6.6	Clear	No Odor
10:25	5	125	6.54	0.85	7.29	2.26	0.25	0.22	20.7	2.5	Clear	No Odor
10:30	5	125	6.56	1.02	7.30	2.28	0.74	0.21	20.7	0.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Commercial row	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-100S			Date	08-10-2022
Project Name/Location	Ford LTP			Weather	75.0 degrees F and Mostly Cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.85	Total Depth (ft-bmp)	12.89	Water Column (ft.)	6.04	Gallons in Well	0.98
		Pump Intake (ft-bmp)	8.35	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.73		--		Gary Schafer
Sample Time:	Label 11:11	Volume Purged	1.7 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:17						
	Purge End 11:22						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	125	6.89	0.00	7.50	7.41	0.20	0.70	21.5	127.2	Clear	No Odor
10:25	5	125	6.89	0.17	7.45	8.07	0.02	0.26	21.4	107.3	Clear	No Odor
10:30	5	125	6.88	0.34	7.42	8.49	0.02	0.31	21.4	92.1	Clear	No Odor
10:35	5	125	6.88	0.51	7.42	8.54	0.02	0.34	21.3	90.1	Clear	No Odor
10:40	5	125	6.88	0.68	7.41	8.65	0.02	0.20	21.2	75.0	Clear	No Odor
10:45	5	125	6.88	0.85	7.41	8.72	0.02	0.21	21.1	53.2	Clear	No Odor
10:50	5	125	6.88	1.02	7.41	8.74	0.02	0.22	21.1	49.3	Clear	No Odor
10:55	5	125	6.88	1.19	7.40	8.83	0.02	0.19	21.0	39.8	Clear	No Odor
11:00	5	125	6.88	1.36	7.40	8.85	0.02	0.18	21.1	34.5	Clear	No Odor
11:05	5	125	6.88	1.53	7.40	8.90	0.02	0.18	21.1	29.7	Clear	No Odor
11:10	5	125	6.88	1.70	7.39	8.90	0.02	0.19	20.9	25.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Commercial Row	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-101S			Date	08-15-2022
Project Name/Location	Ford LTP			Weather	78f, 40% humidy, NE 10 mph wind, 29.35 iwc.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.48	Total Depth (ft-bmp)	14.05	Water Column (ft.)	5.57	Gallons in Well	0.91
		Pump Intake (ft-bmp)	9.98	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.19		--		Sam Sukaria
Sample Time:	Label 13:15	Volume Purged	1.08 gallons	Replicate/Code No.		Sampled by	
	Purge Start 12:31						
	Purge End 13:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:42	0	140	8.49	0.00	7.54	0.67	83.00	0.91	20.8	111.7	Clear, Small Orange Particulates	No Odor
12:47	5	140	8.49	0.18	7.52	0.69	46.70	0.39	20.2	10.5	Clear, Small Orange Particulates	No Odor
12:52	5	140	8.50	0.36	7.51	0.71	31.20	0.26	20.1	-26.6	Clear, Small Orange Particulates	No Odor
12:57	5	140	8.50	0.54	7.50	0.72	29.30	0.22	20.0	-32.7	Clear, Small Orange Particulates	No Odor
13:02	5	140	8.50	0.72	7.50	0.72	20.10	0.20	19.9	-35.3	Clear, Small Orange Particulates	No Odor
13:07	5	140	8.50	0.90	7.49	0.72	20.20	0.19	19.9	-42.2	Clear, Small Black Particulates	No Odor
13:12	5	140	8.50	1.08	7.49	0.72	18.50	0.17	19.9	-44.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Belden ct ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-102			Date	08-12-2022
Project Name/Location	Ford LTP		Weather	69.1 degrees F and Mostly Clear. The wind is blowing E/NE at 8.1 mph.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10.0-15.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.62	Total Depth (ft-bmp)	14.63	Water Column (ft.)	12.01	Gallons in Well	1.95
		Pump Intake (ft-bmp)	12.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.02		DUP-10		
Sample Time: Label	11:30	Volume Purged	1.98 gallons	Replicate/Code No.		Sampled by	Lottie Jay
Purge Start	10:40						
Purge End	11:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:45	0	170	2.64	0.00	7.28	7.44	12.20	1.39	19.0	2.3	Clear, Small Black Particulates, Small Orange Particulates, Small White Particulates	No Odor
10:50	5	170	2.64	0.22	7.22	7.43	9.46	1.28	18.8	-51.6	Clear, Small Black Particulates, Small Orange Particulates, Small White Particulates	No Odor
10:55	5	170	2.64	0.44	7.22	7.39	8.25	0.92	18.7	-66.1	Clear, Small Black Particulates, Small Orange Particulates, Small White Particulates	No Odor
11:00	5	170	2.64	0.66	7.22	7.35	7.65	0.43	18.6	-73.6	Clear, Small Black Particulates, Small Orange Particulates, Small White Particulates	No Odor
11:05	5	170	2.64	0.88	7.22	7.32	5.92	0.67	18.6	-80.2	Clear, Small Black Particulates, Small Orange Particulates	No Odor
11:10	5	170	2.65	1.10	7.22	7.31	5.98	0.56	18.6	-85.3	Clear, Small Black Particulates, Small Orange Particulates, Small White Particulates	No Odor
11:15	5	170	2.65	1.32	7.22	7.30	5.72	0.41	18.7	-88.0	Clear, Small Black Particulates, Small Orange Particulates, Small White Particulates	No Odor
11:20	5	170	2.66	1.54	7.22	7.29	3.79	0.43	18.5	-90.0	Clear, Small Black Particulates, Small Orange Particulates, Small White Particulates	No Odor
11:25	5	170	2.66	1.76	7.22	7.30	1.29	0.42	18.7	-92.8	Clear, Small Orange Particulates, Small White Particulates	No Odor
11:30	5	170	2.65	1.98	7.22	7.27	4.15	0.39	18.5	-94.4	Clear, Small Orange Particulates, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosati Ave; end of the loop	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-102S			Date	08-12-2022
Project Name/Location	Ford LTP	Weather	69.1 degrees F and Mostly Clear. The wind is blowing E/NE at 8.1 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.8	Total Depth (ft-bmp)	12.34	Water Column (ft.)	9.54	Gallons in Well	1.55
		Pump Intake (ft-bmp)	4.3	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.05		--		
Sample Time:	Label 12:40	Volume Purged	1.62 gallons	Replicate/Code No.		Sampled by	Lottie Jay
	Purge Start 11:50						
	Purge End 12:43						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:55	0	140	2.80	0.00	7.55	1.73	1.25	0.17	24.5	-64.1	Clear, Small Black Particulates, Small Orange Particulates, Small White Particulates	No Odor
12:00	5	140	2.80	0.18	7.52	1.83	1.73	0.14	24.4	-58.0	Clear, Small White Particulates	No Odor
12:05	5	140	2.80	0.36	7.48	2.02	1.51	0.12	24.1	-52.5	Clear, Small White Particulates	No Odor
12:10	5	140	2.80	0.54	7.45	2.13	1.69	0.13	23.9	-49.5	Clear, Small White Particulates	No Odor
12:15	5	140	2.80	0.72	7.42	2.32	1.72	0.14	24.1	-46.5	Clear, Small White Particulates	No Odor
12:20	5	140	2.81	0.90	7.40	2.43	1.20	0.11	23.9	-44.5	Clear, Small White Particulates	No Odor
12:25	5	140	2.81	1.08	7.40	2.50	1.61	0.11	23.9	-43.1	Clear, Small White Particulates	No Odor
12:30	5	140	2.81	1.26	7.39	2.55	1.23	0.10	24.0	-41.6	Clear, Small White Particulates	No Odor
12:35	5	140	2.81	1.44	7.38	2.59	2.61	0.10	24.0	-40.5	Clear, Small White Particulates	No Odor
12:40	5	140	2.81	1.62	7.38	2.60	1.95	0.09	23.9	-40.7	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosati Ave; end of loop	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-105S			Date	08-18-2022
Project Name/Location	Ford LTP			Weather	82.0 degrees F and Partly Cloudy. The wind is blowing SW at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.22	Total Depth (ft-bmp)	11.75	Water Column (ft.)	7.53	Gallons in Well	1.22
		Pump Intake (ft-bmp)	5.72	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.11		--		Gary Schafer
Sample Time:	Label 14:31	Volume Purged	1.36 gallons	Replicate/Code No.		Sampled by	
	Purge Start 13:48						
	Purge End 14:42						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:50	0	125	4.25	0.00	7.15	2.62	23.30	0.39	22.9	2.8	Clear, Small Orange Particulates	No Odor
13:55	5	125	4.25	0.17	7.16	3.54	12.50	0.10	22.4	-43.3	Clear	No Odor
14:00	5	125	4.25	0.34	7.17	3.60	11.50	0.09	22.3	-46.0	Clear	No Odor
14:05	5	125	4.25	0.51	7.19	3.69	8.55	0.07	22.3	-57.4	Clear	No Odor
14:10	5	125	4.25	0.68	7.21	3.73	5.52	0.07	22.4	-62.2	Clear	No Odor
14:15	5	125	4.25	0.85	7.23	3.77	6.45	0.06	22.2	-66.8	Clear	No Odor
14:20	5	125	4.25	1.02	7.24	3.77	5.31	0.06	22.1	-68.0	Clear	No Odor
14:25	5	125	4.25	1.19	7.25	3.77	4.92	0.06	22.1	-70.5	Clear	No Odor
14:30	5	125	4.25	1.36	7.26	3.81	5.10	0.05	22.0	-71.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-106S			Date	08-17-2022
Project Name/Location	Ford LTP			Weather	75 F, 57% humidity, NNE 8 mph wind, 29.45 iwc.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.19	Total Depth (ft-bmp)	11.5	Water Column (ft.)	7.31	Gallons in Well	1.19
		Pump Intake (ft-bmp)	5.69	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.48		--		Sam Sukaria
Sample Time:	Label 11:10	Volume Purged	1.76 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:26						
	Purge End 11:13						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:28	0	170	4.28	0.00	7.25	0.59	7.02	0.46	22.1	91.8	Clear	No Odor
10:33	5	170	4.32	0.22	7.12	0.55	5.44	0.62	22.1	78.4	Clear	No Odor
10:38	5	170	4.33	0.44	7.12	0.55	3.05	0.39	21.9	68.9	Clear	No Odor
10:43	5	170	4.34	0.66	7.12	0.55	0.02	0.32	21.9	61.6	Clear	No Odor
10:48	5	170	4.33	0.88	7.12	0.55	0.02	0.28	21.9	52.5	Clear	No Odor
10:53	5	170	4.33	1.10	7.12	0.55	0.02	0.25	21.9	42.2	Clear	No Odor
10:58	5	170	4.33	1.32	7.12	0.55	0.02	0.23	21.8	34.0	Clear	No Odor
11:03	5	170	4.33	1.54	7.12	0.55	0.02	0.21	21.9	29.8	Clear	No Odor
11:08	5	170	4.33	1.76	7.12	0.55	0.02	0.22	21.8	24.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34380 beacon row	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-107S			Date	08-10-2022
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Mostly Cloudy. The wind is blowing at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.32	Total Depth (ft-bmp)	12.15	Water Column (ft.)	5.83	Gallons in Well	0.95
		Pump Intake (ft-bmp)	7.82	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.28		--		
Sample Time: Label	12:55	Volume Purged	3.12 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	11:53						
Purge End	13:02						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:55	0	200	6.53	0.00	7.49	0.55	2.31	3.93	19.4	-156.8	Clear	No Odor
12:00	5	200	6.70	0.26	7.18	0.54	0.78	1.51	19.4	-221.8	Clear	No Odor
12:05	5	200	6.90	0.52	7.27	0.54	0.02	1.52	19.0	-258.0	Clear	No Odor
12:10	5	200	6.95	0.78	7.27	0.54	0.02	1.55	19.0	-256.8	Clear	No Odor
12:15	5	200	6.97	1.04	7.29	0.55	0.02	1.35	18.8	-266.1	Clear	No Odor
12:20	5	200	7.06	1.30	7.37	0.56	0.02	1.28	18.3	-287.4	Clear	No Odor
12:25	5	200	7.10	1.56	7.38	0.58	0.02	1.26	18.2	-293.5	Clear	No Odor
12:30	5	200	7.25	1.82	7.40	0.61	0.02	1.24	18.2	-297.7	Clear	No Odor
12:35	5	200	7.27	2.08	7.36	0.64	0.02	1.13	18.2	-293.1	Clear	No Odor
12:40	5	200	7.35	2.34	7.36	0.65	0.02	1.16	18.3	-294.4	Clear	No Odor
12:45	5	200	7.35	2.60	7.34	0.66	0.02	1.19	18.2	-285.2	Clear	No Odor
12:50	5	200	7.50	2.86	7.31	0.67	0.02	1.22	18.2	-282.8	Clear	No Odor
12:55	5	200	7.40	3.12	7.26	0.69	0.02	1.30	18.2	-259.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Capitol ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-108S			Date	08-10-2022
Project Name/Location	Ford LTP			Weather	75.0 degrees F and Mostly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.71	Total Depth (ft-bmp)	12.22	Water Column (ft.)	7.51	Gallons in Well	1.22
		Pump Intake (ft-bmp)	6.21	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.89		--		Lottie Jay
Sample Time:	Label 12:20	Volume Purged	1.08 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:45						
	Purge End 12:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:50	0	140	4.78	0.00	6.88	1.16	23.80	0.32	22.3	2.1	Clear, Small Orange Particulates	No Odor
11:55	5	140	4.78	0.18	6.84	1.16	10.00	0.21	21.8	-18.6	Clear, Small Orange Particulates, Small White Particulates	No Odor
12:00	5	140	4.78	0.36	6.86	1.18	8.03	0.21	22.0	-37.4	Clear, Small Orange Particulates, Small White Particulates	No Odor
12:05	5	140	4.78	0.54	6.85	1.18	5.83	0.20	22.1	-45.4	Clear, Small White Particulates	No Odor
12:10	5	140	4.78	0.72	6.85	1.18	3.28	0.14	22.0	-50.7	Clear, Small White Particulates	No Odor
12:15	5	140	4.78	0.90	6.85	1.17	2.50	0.14	21.8	-55.2	Clear, Small White Particulates	No Odor
12:20	5	140	4.78	1.08	6.83	1.17	2.51	0.13	21.8	-55.8	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Rosati Ave; Left of 12331 Stark Rd	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-131S			Date	08-18-2022
Project Name/Location	Ford LTP	Weather	79.0 degrees F and Partly Cloudy. The wind is blowing S at 6.9 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.45	Total Depth (ft-bmp)	12.67	Water Column (ft.)	7.22	Gallons in Well	1.17
		Pump Intake (ft-bmp)	6.95	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.31				
Sample Time: Label	13:16	Volume Purged	1.53 gallons	Replicate/Code No.	DUP-11	Sampled by	Gary Schafer
Purge Start	12:28						
Purge End	13:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:30	0	125	5.48	0.00	7.17	1.14	4.78	0.50	22.1	33.5	Clear	No Odor
12:35	5	125	5.49	0.17	7.05	1.46	2.01	0.18	21.7	23.6	Clear	No Odor
12:40	5	125	5.49	0.34	7.02	1.73	2.88	0.13	21.5	13.2	Clear	No Odor
12:45	5	125	5.49	0.51	7.12	2.39	2.15	0.10	21.4	-13.3	Clear	No Odor
12:50	5	125	5.49	0.68	7.17	2.62	2.03	0.09	21.3	-24.4	Clear	No Odor
12:55	5	125	5.49	0.85	7.20	2.78	2.81	0.08	21.5	-32.4	Clear	No Odor
13:00	5	125	5.49	1.02	7.23	2.91	2.08	0.08	21.4	-38.7	Clear	No Odor
13:05	5	125	5.49	1.19	7.26	2.97	2.54	0.07	21.4	-45.2	Clear	No Odor
13:10	5	125	5.49	1.36	7.29	2.98	2.10	0.08	21.4	-50.4	Clear	No Odor
13:15	5	125	5.49	1.53	7.29	3.01	1.40	0.07	21.4	-52.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-132S			Date	08-18-2022
Project Name/Location	Ford LTP			Weather	75.0 degrees F and Partly Cloudy. The wind is blowing S at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.12	Total Depth (ft-bmp)	12.36	Water Column (ft.)	6.24	Gallons in Well	1.01
		Pump Intake (ft-bmp)	7.62	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.01		--		
Sample Time:	Label 12:01	Volume Purged	1.02 gallons	Replicate/Code No.		Sampled by	Gary Schafer
	Purge Start 11:28						
	Purge End 12:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:30	0	125	6.14	0.00	7.45	2.05	15.70	0.55	23.4	33.0	Clear, Small Orange Particulates	No Odor
11:35	5	125	6.14	0.17	7.41	2.05	11.40	0.44	23.4	25.5	Clear, Small Orange Particulates	No Odor
11:40	5	125	6.14	0.34	7.39	2.05	10.00	0.35	23.3	18.3	Clear	No Odor
11:45	5	125	6.14	0.51	7.38	2.04	10.10	0.30	23.1	8.2	Clear	No Odor
11:50	5	125	6.14	0.68	7.38	2.04	9.21	0.30	23.1	7.7	Clear	No Odor
11:55	5	125	6.14	0.85	7.37	2.04	10.00	0.28	23.0	3.7	Clear	No Odor
12:00	5	125	6.14	1.02	7.37	2.05	9.98	0.28	23.0	1.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-133S			Date	08-18-2022
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Partly Cloudy. The wind is blowing S at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.0-9.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.96	Total Depth (ft-bmp)	8.5	Water Column (ft.)	1.54	Gallons in Well	0.25
		Pump Intake (ft-bmp)	8.46	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.04		--		Lottie Jay
Sample Time: Label	13:55	Volume Purged	1.26 gallons	Replicate/Code No.		Sampled by	
Purge Start	13:20						
Purge End	13:58						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:25	0	160	7.00	0.00	7.13	0.54	13.80	0.49	19.6	117.6	Clear, Small Black Particulates, Small Orange Particulates	No Odor
13:30	5	160	7.00	0.21	7.13	0.53	7.83	0.27	19.2	112.6	Clear, Small Black Particulates, Small Orange Particulates	No Odor
13:35	5	160	7.00	0.42	7.14	0.52	2.36	0.19	18.8	107.7	Clear, Small Black Particulates, Small White Particulates	No Odor
13:40	5	160	7.00	0.63	7.15	0.52	1.92	0.21	18.9	107.6	Clear, Small Black Particulates, Small White Particulates	No Odor
13:45	5	160	7.01	0.84	7.19	0.52	0.88	0.18	19.0	102.1	Clear, Small Black Particulates, Small White Particulates	No Odor
13:50	5	160	7.01	1.05	7.18	0.52	0.32	0.15	19.1	99.5	Clear, Small White Particulates	No Odor
13:55	5	160	7.01	1.26	7.20	0.52	0.30	0.15	18.9	93.5	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-134S			Date	08-17-2022
Project Name/Location	Ford LTP			Weather	78.1 degrees F and Mostly Cloudy. The wind is blowing N/NW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.0-10.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.92	Total Depth (ft-bmp)	9.42	Water Column (ft.)	1.5	Gallons in Well	0.24
		Pump Intake (ft-bmp)	8.67	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.25		--		
Sample Time: Label	13:55	Volume Purged	1.26 gallons	Replicate/Code No.		Sampled by	Lottie Jay
Purge Start	13:20						
Purge End	13:58						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:25	0	160	7.95	0.00	7.34	0.57	7.05	0.49	18.4	-19.2	Clear, Small White Particulates	No Odor
13:30	5	160	7.95	0.21	7.24	0.55	4.82	0.29	18.1	-11.3	Clear, Small White Particulates	No Odor
13:35	5	160	7.95	0.42	7.25	0.54	1.94	0.32	17.8	-13.7	Clear, Small White Particulates	No Odor
13:40	5	160	7.95	0.63	7.27	0.54	1.90	0.32	17.9	-14.3	Clear, Small White Particulates	No Odor
13:45	5	160	7.96	0.84	7.29	0.53	1.80	0.39	17.9	-14.9	Clear, Small White Particulates	No Odor
13:50	5	160	7.96	1.05	7.25	0.53	1.02	0.39	17.8	-10.5	Clear, Small White Particulates	No Odor
13:55	5	160	7.96	1.26	7.28	0.53	0.77	0.36	17.7	-9.5	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12051 Stark Rd ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-135S			Date	08-15-2022
Project Name/Location	Ford LTP			Weather	75 F, 61% humidity, NNE 8mph wind, 29.35 iwc.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.0-10.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.88	Total Depth (ft-bmp)	9.61	Water Column (ft.)	2.73	Gallons in Well	0.44
		Pump Intake (ft-bmp)	8.38	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.68		--		Christian Garrido
Sample Time:	Label 10:15	Volume Purged	1.18 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:38						
	Purge End 10:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:40	0	130	6.88	0.00	7.07	0.66	50.00	0.73	17.3	-5.2	Clear	No Odor
09:45	5	130	6.91	0.17	7.02	0.65	38.10	0.43	17.0	-4.8	Clear	No Odor
09:50	5	130	6.93	0.34	6.88	0.62	14.90	0.31	16.8	8.0	Clear	No Odor
09:55	5	130	7.02	0.51	6.99	0.62	0.02	0.33	17.1	3.6	Clear	No Odor
10:00	5	120	7.01	0.68	6.98	0.61	0.02	0.27	17.1	4.1	Clear	No Odor
10:05	5	130	7.02	0.84	7.03	0.60	0.02	0.23	17.4	0.7	Clear	No Odor
10:10	5	130	7.02	1.01	7.03	0.59	0.02	0.22	17.4	0.5	Clear	No Odor
10:15	5	130	7.02	1.18	7.02	0.59	0.02	0.23	17.4	0.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Stark row	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-136S			Date	08-15-2022
Project Name/Location	Ford LTP	Weather	64.9 degrees F and Cloudy. The wind is blowing N at 6.9 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.34	Total Depth (ft-bmp)	7.13	Water Column (ft.)	2.79	Gallons in Well	0.45
		Pump Intake (ft-bmp)	5.84	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.8		--		Lottie Jay
Sample Time: Label	12:10	Volume Purged	1.26 gallons	Replicate/Code No.		Sampled by	
Purge Start	11:30						
Purge End	12:13						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:35	0	140	4.54	0.00	6.99	1.44	76.40	0.28	18.8	-19.1	Cloudy, Small Orange Particulates	No Odor
11:40	5	140	4.54	0.18	6.99	1.43	48.30	0.25	18.7	-25.2	Cloudy, Small Orange Particulates	No Odor
11:45	5	140	4.54	0.36	7.00	1.42	16.90	0.22	18.6	-32.1	Clear, Small Orange Particulates, Small White Particulates	No Odor
11:50	5	140	4.54	0.54	7.00	1.41	8.52	0.22	18.5	-37.9	Clear, Small White Particulates	No Odor
11:55	5	140	4.62	0.72	7.00	1.40	6.20	0.27	18.5	-42.7	Clear, Small White Particulates	No Odor
12:00	5	140	4.62	0.90	7.00	1.41	4.49	0.27	18.5	-45.2	Clear, Small White Particulates	No Odor
12:05	5	140	4.63	1.08	7.00	1.41	4.27	0.29	18.4	-46.1	Clear, Small White Particulates	No Odor
12:10	5	140	4.63	1.26	7.01	1.41	2.83	0.30	18.4	-48.0	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34401 Capitol St ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-137S			Date	08-15-2022
Project Name/Location	Ford LTP	Weather	64.9 degrees F and Cloudy. The wind is blowing N at 6.9 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.11	Total Depth (ft-bmp)	7.12	Water Column (ft.)	3.01	Gallons in Well	0.49
		Pump Intake (ft-bmp)	5.37	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.94		--		Lottie Jay
Sample Time:	Label 11:10	Volume Purged	1.44 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:25						
	Purge End 11:14						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	140	3.95	0.00	7.05	1.67	21.70	0.75	17.6	17.5	Clear, Small Orange Particulates	No Odor
10:35	5	140	3.95	0.18	6.87	1.65	15.50	0.23	17.1	16.8	Clear, Small Orange Particulates	No Odor
10:40	5	140	3.95	0.36	6.88	1.66	10.80	0.17	17.1	-0.1	Clear, Small White Particulates	No Odor
10:45	5	140	3.95	0.54	6.90	1.66	9.66	0.15	17.1	-10.1	Clear, Small White Particulates	No Odor
10:50	5	140	3.93	0.72	6.90	1.66	7.60	0.16	17.0	-16.4	Clear, Small White Particulates	No Odor
10:55	5	140	3.94	0.90	6.90	1.66	6.38	0.13	17.1	-24.7	Clear, Small White Particulates	No Odor
11:00	5	140	3.94	1.08	6.92	1.66	3.35	0.12	17.0	-28.2	Clear, Small White Particulates	No Odor
11:05	5	140	3.94	1.26	6.92	1.66	2.80	0.13	17.0	-32.5	Clear, Small White Particulates	No Odor
11:10	5	140	3.94	1.44	6.93	1.66	3.40	0.13	17.0	-35.3	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12088 Brewster St ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-138S			Date	08-17-2022
Project Name/Location	Ford LTP			Weather	69 F, 57% humidity, NNE 8 mph wind, 29.45 iwc.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.5	Total Depth (ft-bmp)	5.95	Water Column (ft.)	3.45	Gallons in Well	0.56
		Pump Intake (ft-bmp)	4	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.32		Dup-09		
Sample Time: Label	09:50	Volume Purged	1.3 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	09:14						
Purge End	09:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:17	0	200	2.54	0.00	7.20	1.39	3.16	0.38	20.1	-74.8	Clear	No Odor
09:22	5	200	2.53	0.00	7.18	1.46	2.51	0.22	20.1	-79.1	Clear	No Odor
09:27	5	200	2.53	0.26	7.17	1.49	1.82	0.17	20.1	-82.1	Clear, Small Orange Particulates	No Odor
09:32	5	200	2.53	0.52	7.17	1.50	0.68	0.13	20.1	-83.3	Clear	No Odor
09:37	5	200	2.53	0.78	7.17	1.52	0.02	0.14	20.1	-83.6	Clear	No Odor
09:42	5	200	2.53	1.04	7.17	1.52	0.02	0.13	20.1	-83.5	Clear	No Odor
09:47	5	200	2.53	1.30	7.17	1.52	0.02	0.14	20.2	-82.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34450 beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-139S			Date	08-01-2022
Project Name/Location	Ford LTP	Weather	75 degrees f, 50% humidity, WNW 9 mph wind, 29.32 iwc.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.97	Total Depth (ft-bmp)	6.9	Water Column (ft.)	2.93	Gallons in Well	0.48
		Pump Intake (ft-bmp)	5.47	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.77		--		
Sample Time:	Label 13:05	Volume Purged	1.33 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 12:23						
	Purge End 13:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:25	0	120	3.97	0.00	7.46	0.82	116.00	0.44	17.6	43.6	Cloudy, Small Orange Particulates	No Odor
12:30	5	120	3.97	0.16	7.42	0.82	97.40	0.34	17.6	40.5	Cloudy, Small Orange Particulates	No Odor
12:35	5	120	4.02	0.32	7.29	0.82	58.80	0.28	17.5	31.7	Clear, Small Orange Particulates	No Odor
12:40	5	130	4.02	0.48	7.25	0.81	3.66	3.09	17.4	14.1	Clear	No Odor
12:45	5	130	4.05	0.65	7.26	0.81	0.02	3.07	17.5	1.2	Clear	No Odor
12:50	5	130	4.05	0.82	7.28	0.81	0.02	3.49	17.5	-9.7	Clear	No Odor
12:55	5	130	4.05	0.99	7.28	0.81	0.02	3.37	17.5	-28.7	Clear	No Odor
13:00	5	130	4.05	1.16	7.28	0.81	0.02	3.25	17.5	-31.4	Clear	No Odor
13:05	5	130	4.05	1.33	7.27	0.81	0.02	3.17	17.4	-38.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-140S			Date	08-19-2022
Project Name/Location	Ford LTP			Weather	73F, 68% Humidity, SSW 6 mph wind, 29.38" Hg, cloudy.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.19	Total Depth (ft-bmp)	6.45	Water Column (ft.)	1.26	Gallons in Well	0.2
		Pump Intake (ft-bmp)	5.82	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	12		--		
Sample Time:	Label 11:25	Volume Purged	2.4 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start 10:19						
	Purge End 11:28						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	150	5.22	0.00	7.79	0.22	3.55	2.76	17.9	124.6	Clear	No Odor
10:25	5	150	5.26	0.20	7.77	0.22	7.75	1.85	17.8	114.5	Clear, Orange	No Odor
10:30	5	150	5.26	0.40	7.77	0.22	5.43	1.80	17.8	112.2	Clear	No Odor
10:35	5	150	5.26	0.60	7.79	0.22	2.29	1.59	18.2	105.7	Clear	No Odor
10:40	5	150	5.26	0.80	7.76	0.24	1.96	1.35	17.8	102.3	Clear	No Odor
10:45	5	150	5.26	1.00	7.76	0.25	0.02	1.18	17.8	95.7	Clear	No Odor
10:50	5	150	5.26	1.20	7.76	0.26	0.02	1.09	17.9	87.1	Clear	No Odor
10:55	5	150	5.26	1.40	7.75	0.26	0.02	1.09	17.8	79.4	Clear	No Odor
11:00	5	150	5.26	1.60	7.75	0.26	0.02	1.08	17.8	70.7	Clear	No Odor
11:05	5	150	5.26	1.80	7.75	0.26	0.02	1.05	17.9	62.7	Clear	No Odor
11:10	5	150	5.26	2.00	7.74	0.27	0.02	1.07	17.8	56.3	Clear	No Odor
11:15	5	150	5.26	2.20	7.76	0.27	0.02	1.08	17.8	51.3	Clear	No Odor
11:20	5	150	5.26	2.40	7.75	0.27	0.02	1.08	17.8	49.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-141S			Date	08-03-2022
Project Name/Location	Ford LTP			Weather	75 F, 67% humidity, SSW 16 mph wind, 29.21 iwc.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-8.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.91	Total Depth (ft-bmp)	7.91	Water Column (ft.)	1	Gallons in Well	0.16
		Pump Intake (ft-bmp)	7.41	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.87		--		
Sample Time: Label	12:25	Volume Purged	0.94 gallons	Replicate/Code No.		Sampled by	Christian Garrido
Purge Start	11:53						
Purge End	12:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:55	0	110	6.91	0.00	7.20	0.74	8.28	1.12	18.3	73.0	Clear	No Odor
12:00	5	110	6.91	0.15	7.14	0.73	2.57	0.89	18.0	73.6	Clear	No Odor
12:05	5	120	7.01	0.30	7.08	0.73	0.02	1.13	17.5	73.5	Clear	No Odor
12:10	5	120	7.04	0.46	7.08	0.73	0.02	1.17	17.6	73.4	Clear	No Odor
12:15	5	120	7.07	0.62	7.08	0.73	0.02	1.30	17.5	72.1	Clear	No Odor
12:20	5	120	7.07	0.78	7.08	0.73	0.02	1.33	17.4	71.3	Clear	No Odor
12:25	5	120	7.07	0.94	7.07	0.73	0.02	1.37	17.4	70.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-142S			Date	08-10-2022
Project Name/Location	Ford LTP			Weather	79.0 degrees F and Mostly Cloudy. The wind is blowing at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.9	Total Depth (ft-bmp)	6.5	Water Column (ft.)	1.6	Gallons in Well	0.26
		Pump Intake (ft-bmp)	6.4	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.73				
Sample Time: Label	13:40	Volume Purged	1.49 gallons	Replicate/Code No.	MW-142S-MS_081022, MW-142S-MSD_08102	Sampled by	Lottie Jay
Purge Start	12:50						
Purge End	14:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:55	0	130	4.95	0.00	6.77	1.06	111.00	0.59	20.0	-7.7	Cloudy, Small Black Particulates	No Odor
13:00	5	130	4.95	0.13	6.66	1.07	39.80	0.44	20.2	-5.8	Clear, Small Black Particulates	No Odor
13:05	5	130	4.95	0.30	6.70	1.06	30.10	0.56	19.9	-16.1	Clear, Small White Particulates	No Odor
13:10	5	130	4.95	0.47	6.71	1.05	18.20	0.39	19.7	-20.7	Clear, Small White Particulates	No Odor
13:15	5	130	4.95	0.64	6.73	1.06	12.80	0.53	19.9	-25.2	Clear, Small White Particulates	No Odor
13:20	5	130	4.93	0.81	6.76	1.06	12.60	0.33	20.1	-28.1	Clear, Small Black Particulates, Small Orange Particulates, Small White Particulates	No Odor
13:25	5	130	4.93	0.98	6.75	1.06	12.20	0.29	20.0	-29.3	Clear, Small White Particulates	No Odor
13:30	5	130	4.93	1.15	6.76	1.06	6.85	0.28	19.8	-29.8	Clear, Small Orange Particulates, Small White Particulates	No Odor
13:35	5	130	4.93	1.32	6.73	1.06	6.86	0.31	20.0	-30.0	Clear, Small White Particulates	No Odor
13:40	5	130	4.93	1.49	6.75	1.06	6.30	0.36	20.0	-31.7	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Rosati Ave; Left of 12331 Stark are	Well Locked at Arrival:	yes
Condition of Well:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-192S			Date	08-05-2022
Project Name/Location	Ford LTP			Weather	84f sunny		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.12	Total Depth (ft-bmp)	7.65	Water Column (ft.)	5.53	Gallons in Well	0.9
		Pump Intake (ft-bmp)	3.62	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.6		--		
Sample Time: Label	15:10	Volume Purged	1.44 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	14:30						
Purge End	15:11						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:35	0	180	2.12	0.00	7.05	1.36	7.79	0.37	19.7	16.8	Clear, Small Orange Particulates	No Odor
14:40	5	180	2.12	0.24	7.03	1.37	1.49	0.31	19.4	-20.8	Clear	No Odor
14:45	5	180	2.12	0.48	7.02	1.41	1.03	0.23	19.1	-26.6	Clear	No Odor
14:50	5	180	2.12	0.72	7.02	1.43	0.02	0.20	19.1	-30.1	Clear	No Odor
14:55	5	180	2.12	0.96	7.02	1.43	0.02	0.22	19.1	-30.6	Clear	No Odor
15:00	5	180	2.12	1.20	7.03	1.44	0.02	0.22	19.2	-31.6	Clear	No Odor
15:05	5	180	2.12	1.44	7.03	1.46	0.02	0.20	19.3	-32.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	12036 Brewster ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-226			Date	08-19-2022
Project Name/Location	Ford LTP			Weather	73.0 degrees F and Mostly Clear. The wind is blowing S/SW at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	13.0-18.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.44	Total Depth (ft-bmp)	17.69	Water Column (ft.)	8.25	Gallons in Well	1.34
		Pump Intake (ft-bmp)	15.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.76		--		Gary Schafer
Sample Time:	Label 11:21	Volume Purged	1.02 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:48						
	Purge End 11:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	125	9.50	0.00	7.52	0.55	3.32	1.46	18.0	-6.3	Clear	No Odor
10:55	5	125	9.50	0.17	7.48	0.52	2.40	1.08	17.9	4.1	Clear	No Odor
11:00	5	125	9.50	0.34	7.33	0.46	2.08	1.09	17.8	20.0	Clear	No Odor
11:05	5	125	9.50	0.51	7.30	0.46	0.39	1.09	17.6	21.9	Clear	No Odor
11:10	5	125	9.50	0.68	7.31	0.46	0.74	1.07	17.6	19.4	Clear	No Odor
11:15	5	125	9.50	0.85	7.33	0.46	0.02	1.06	17.5	16.4	Clear	No Odor
11:20	5	125	9.50	1.02	7.34	0.47	0.02	1.06	17.5	14.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Orangelawn ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-226D			Date	08-19-2022
Project Name/Location	Ford LTP			Weather	77.0 degrees F and Mostly Clear. The wind is blowing S at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.0-24.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.2	Total Depth (ft-bmp)	24.12	Water Column (ft.)	14.92	Gallons in Well	2.42
		Pump Intake (ft-bmp)	21.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.49		DUP-14		
Sample Time:	Label	Volume Purged	1.19 gallons	Replicate/Code No.		Sampled by	Gary Schafer
	Purge Start	11:43					
	Purge End	12:41					

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:45	0	125	9.32	0.00	7.58	0.66	0.02	1.74	17.8	8.6	Clear	No Odor
11:50	5	125	9.32	0.17	7.50	0.65	13.60	1.50	17.3	-2.6	Clear	No Odor
11:55	5	125	9.32	0.34	7.43	0.65	6.13	1.55	17.4	-20.4	Clear	No Odor
12:00	5	125	9.32	0.51	7.45	0.65	2.21	0.81	17.2	-42.6	Clear	No Odor
12:05	5	125	9.32	0.68	7.49	0.67	1.56	0.79	17.8	-57.4	Clear	No Odor
12:10	5	125	9.32	0.85	7.50	0.66	0.95	0.68	17.0	-65.8	Clear	No Odor
12:15	5	125	9.32	1.02	7.52	0.65	0.08	0.69	17.2	-69.6	Clear	No Odor
12:20	5	125	9.32	1.19	7.57	0.65	0.06	0.69	16.9	-75.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Orangelawn ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-226S			Date	08-03-2022
Project Name/Location	Ford LTP		Weather	93.9 degrees F and Mostly Cloudy. The wind is blowing SW at 17.2 mph.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7.0-12.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.36	Total Depth (ft-bmp)	11.56	Water Column (ft.)	2.2	Gallons in Well	0.36
		Pump Intake (ft-bmp)	10.86	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.78		--		
Sample Time: Label	16:26	Volume Purged	1.36 gallons	Replicate/Code No.		Sampled by	Gary Schafer
Purge Start	15:43						
Purge End	16:38						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:45	0	125	9.40	0.00	6.61	0.58	9.82	4.67	20.2	37.3	Clear	No Odor
15:50	5	125	9.40	0.17	6.56	0.58	5.21	4.72	20.3	42.9	Clear	No Odor
15:55	5	125	9.40	0.34	6.59	0.55	2.61	3.94	20.0	46.1	Clear	No Odor
16:00	5	125	9.40	0.51	6.61	0.54	0.77	3.43	19.6	46.8	Clear	No Odor
16:05	5	125	9.40	0.68	6.66	0.54	0.91	3.59	19.5	48.1	Clear	No Odor
16:10	5	125	9.40	0.85	6.69	0.54	1.00	3.31	19.4	48.5	Clear	No Odor
16:15	5	125	9.40	1.02	6.72	0.53	0.98	3.67	19.2	48.6	Clear	No Odor
16:20	5	125	9.40	1.19	6.72	0.53	1.30	3.63	19.1	49.1	Clear	No Odor
16:25	5	125	9.40	1.36	6.75	0.53	1.08	3.59	19.6	48.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Resident Row in front of 35811 Orangelawn and Arthur streets	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-227			Date	08-04-2022
Project Name/Location	Ford LTP			Weather	77.0 degrees F and Cloudy. The wind is blowing SW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12.0-17.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.98	Total Depth (ft-bmp)	16.7	Water Column (ft.)	7.72	Gallons in Well	1.25
		Pump Intake (ft-bmp)	14.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.63		--		
Sample Time:	Label 14:01	Volume Purged	2.04 gallons	Replicate/Code No.		Sampled by	Gary Schafer
	Purge Start 12:58						
	Purge End 14:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:00	0	125	8.98	0.00	7.17	0.65	72.40	5.95	18.4	137.4	Turbid	No Odor
13:05	5	125	8.98	0.17	7.07	0.66	52.70	5.54	18.2	131.7	Turbid	No Odor
13:10	5	125	8.98	0.34	7.07	0.66	42.90	5.50	18.0	123.4	Turbid	No Odor
13:15	5	125	8.98	0.51	7.11	0.67	37.20	4.52	17.9	90.1	Turbid	No Odor
13:20	5	125	8.98	0.68	7.13	0.67	28.10	4.37	18.0	79.2	Clear	No Odor
13:25	5	125	8.98	0.85	7.17	0.67	19.10	4.40	17.9	58.8	Clear	No Odor
13:30	5	125	8.99	1.02	7.18	0.67	18.20	4.42	17.9	52.7	Clear	No Odor
13:35	5	125	8.99	1.19	7.20	0.67	13.80	4.36	18.0	40.8	Clear	No Odor
13:40	5	125	8.99	1.36	7.20	0.67	10.80	4.40	18.0	39.5	Clear	No Odor
13:45	5	125	8.99	1.53	7.21	0.67	9.80	4.43	17.9	34.9	Clear	No Odor
13:50	5	125	8.99	1.70	7.21	0.67	6.80	4.38	18.0	34.6	Clear	No Odor
13:55	5	125	8.99	1.87	7.22	0.67	5.61	4.33	17.8	33.4	Clear	No Odor
14:00	5	125	8.99	2.04	7.22	0.67	4.10	4.35	17.8	32.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Resident Row at 34907 Elmira street	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-227D			Date	08-19-2022
Project Name/Location	Ford LTP			Weather	77.0 degrees F and Mostly Clear. The wind is blowing S at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	18.0-23.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.04	Total Depth (ft-bmp)	22.56	Water Column (ft.)	13.52	Gallons in Well	2.2
		Pump Intake (ft-bmp)	20.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.46		fW-227D-MS_081922, MW-227D-MSD_08192		
Sample Time:	Label 13:36	Volume Purged	1.02 gallons	Replicate/Code No.		Sampled by	Gary Schafer
	Purge Start 13:02						
	Purge End 13:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:05	0	125	9.10	0.00	7.32	0.88	3.52	0.78	18.3	52.0	Clear	No Odor
13:10	5	125	9.10	0.17	7.26	0.88	1.69	0.53	18.3	59.5	Clear	No Odor
13:15	5	125	9.10	0.34	7.26	0.87	0.02	0.51	18.2	57.0	Clear	No Odor
13:20	5	125	9.10	0.51	7.28	0.86	0.02	0.35	18.0	53.1	Clear	No Odor
13:25	5	125	9.10	0.68	7.30	0.86	0.02	0.36	18.2	49.7	Clear	No Odor
13:30	5	125	9.10	0.85	7.31	0.85	0.12	0.34	18.2	47.1	Clear	No Odor
13:35	5	125	9.10	1.02	7.32	0.85	0.21	0.36	18.6	44.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Elmira ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-227S			Date	08-03-2022
Project Name/Location	Ford LTP			Weather	75.9 degrees F and Cloudy. The wind is blowing S/SW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.0-11.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.06	Total Depth (ft-bmp)	10.48	Water Column (ft.)	1.42	Gallons in Well	0.23
		Pump Intake (ft-bmp)	9.77	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.65		--		Gary Schafer
Sample Time:	Label 12:06	Volume Purged	1.3 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:13						
	Purge End 12:16						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:15	0	100	9.12	0.00	7.04	0.66	211.00	4.05	19.8	-35.9	Brown, Cloudy	No Odor
11:20	5	100	9.12	0.13	6.95	0.66	107.00	3.41	19.9	-30.8	Brown, Turbid	No Odor
11:25	5	100	9.12	0.26	6.90	0.65	39.20	4.35	20.1	-22.3	Turbid	No Odor
11:30	5	100	9.12	0.39	6.91	0.65	22.90	4.28	20.2	-18.0	Turbid	No Odor
11:35	5	100	9.12	0.52	6.96	0.65	16.60	4.55	20.4	-13.6	Clear	No Odor
11:40	5	100	9.12	0.65	7.00	0.65	24.00	4.75	20.4	-9.2	Clear	No Odor
11:45	5	100	9.12	0.78	7.04	0.65	10.60	4.65	20.4	-3.3	Clear	No Odor
11:50	5	100	9.12	0.91	7.06	0.65	4.90	4.78	20.4	-1.2	Clear	No Odor
11:55	5	100	9.12	1.04	7.08	0.65	4.18	5.31	20.4	4.3	Clear	No Odor
12:00	5	100	9.12	1.17	7.09	0.65	3.94	5.23	20.5	7.4	Clear	No Odor
12:05	5	100	9.12	1.30	7.11	0.65	2.91	5.29	20.6	11.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Resident Row in front of 34907 Elmira	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-228			Date	08-03-2022
Project Name/Location	Ford LTP			Weather	75 degrees F, 74% humidity, SSW 13 mph wind, 29.24 iwc.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	11.0-16.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.49	Total Depth (ft-bmp)	15.5	Water Column (ft.)	9.01	Gallons in Well	1.46
		Pump Intake (ft-bmp)	13.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.65		--		Christian Garrido
Sample Time:	Label 10:45	Volume Purged	0.95 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:12						
	Purge End 10:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	110	6.49	0.00	7.20	1.01	8.26	0.86	15.1	62.8	Clear	No Odor
10:20	5	120	6.56	0.15	7.20	1.01	1.84	0.93	15.1	62.5	Clear	No Odor
10:25	5	120	6.65	0.31	7.24	1.00	0.02	1.17	15.0	58.9	Clear	No Odor
10:30	5	120	6.65	0.47	7.25	1.00	0.02	1.15	15.0	57.4	Clear	No Odor
10:35	5	120	6.65	0.63	7.27	0.99	0.02	1.23	14.9	55.7	Clear	No Odor
10:40	5	120	6.65	0.79	7.29	0.99	0.02	1.26	14.8	54.8	Clear	No Odor
10:45	5	120	6.65	0.95	7.30	0.99	0.02	1.29	14.8	54.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Laurel ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-228S			Date	08-03-2022
Project Name/Location	Ford LTP			Weather	75 F, 74% humidity, SSW 13 mph wind, 29.24 iwc.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-8.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.81	Total Depth (ft-bmp)	7.48	Water Column (ft.)	2.67	Gallons in Well	0.43
		Pump Intake (ft-bmp)	6.31	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.58		--		Christian Garrido
Sample Time:	Label 11:30	Volume Purged	1.11 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:53						
	Purge End 11:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:55	0	110	4.81	0.00	7.08	0.73	5.22	2.01	17.3	4.2	Clear	No Odor
11:00	5	120	4.93	0.15	7.06	0.73	0.02	1.68	17.3	22.5	Clear	No Odor
11:05	5	120	5.21	0.31	7.04	0.73	0.02	1.49	17.5	32.2	Clear	No Odor
11:10	5	120	5.23	0.47	7.02	0.73	0.02	1.03	17.6	39.6	Clear	No Odor
11:15	5	120	5.37	0.63	7.01	0.72	0.02	0.99	17.6	44.3	Clear	No Odor
11:20	5	120	5.47	0.79	7.01	0.72	0.02	0.84	17.5	49.3	Clear	No Odor
11:25	5	120	5.43	0.95	7.00	0.72	0.02	0.77	17.6	51.1	Clear	No Odor
11:30	5	120	5.58	1.11	7.01	0.72	0.02	0.77	17.6	54.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Laurel ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-229			Date	08-15-2022
Project Name/Location		Ford LTP		Weather	73f, 61% humidity, NNE 8 mph wind, 29.35 iwc		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	9.0-14.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		5.24	Total Depth (ft-bmp)	13.7	Water Column (ft.)	8.46	Gallons in Well	1.37
			Pump Intake (ft-bmp)	11.5	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	0.88		--		
Sample Time:	Label	11:00	Volume Purged	1.2 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start	10:26						
	Purge End	11:03						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:28	0	150	5.25	0.00	7.11	0.69	0.02	0.64	18.1	-52.8	Clear	No Odor
10:33	5	150	5.24	0.20	7.08	0.68	0.02	0.27	17.8	-48.3	Clear	No Odor
10:38	5	150	5.24	0.40	7.06	0.68	0.02	0.19	17.7	-49.8	Clear	No Odor
10:43	5	150	5.24	0.60	7.06	0.68	0.02	0.21	17.7	-50.8	Clear	No Odor
10:48	5	150	5.24	0.80	7.06	0.67	0.02	0.13	17.6	-51.7	Clear	No Odor
10:53	5	150	5.24	1.00	7.06	0.67	0.02	0.11	17.6	-52.8	Clear	No Odor
10:58	5	150	5.24	1.20	7.05	0.67	0.02	0.11	17.4	-53.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	35416 Leon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-229D			Date	08-15-2022
Project Name/Location	Ford LTP			Weather	70f, 73% humidity, NNE 9mph wind, 29.35 lwc.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.02	Total Depth (ft-bmp)	19.9	Water Column (ft.)	14.88	Gallons in Well	2.42
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.62		MW-229D-MS_081522, MW-229D-MSD_08152		
Sample Time:	Label 10:00	Volume Purged	1.5 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start 09:23						
	Purge End 10:07						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:26	0	190	5.20	0.00	7.26	0.63	2.85	0.60	16.5	-35.9	Clear	No Odor
09:31	5	190	5.11	0.25	7.30	0.63	0.69	0.36	16.2	-73.6	Clear	No Odor
09:36	5	190	5.12	0.50	7.26	0.65	0.44	0.23	16.4	-80.1	Clear	No Odor
09:41	5	190	5.12	0.75	7.24	0.66	0.02	0.18	16.1	-83.2	Clear	No Odor
09:46	5	190	5.12	1.00	7.23	0.67	0.02	0.15	16.0	-84.4	Clear	No Odor
09:51	5	190	5.12	1.25	7.22	0.67	0.02	0.12	16.0	-85.4	Clear	No Odor
09:56	5	190	5.12	1.50	7.22	0.68	0.02	0.17	15.9	-84.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	35416 Leon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-229S			Date	08-15-2022
Project Name/Location	Ford LTP			Weather	77F, 40% humidity, NE 10 mph wind, 29.35 iwc.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-8.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.14	Total Depth (ft-bmp)	7.66	Water Column (ft.)	2.52	Gallons in Well	0.41
		Pump Intake (ft-bmp)	6.64	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.1		--		Sam Sukaria
Sample Time:	Label 12:00	Volume Purged	1.68 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:18						
	Purge End 12:01						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	180	5.19	0.00	7.63	0.44	0.02	2.39	20.3	112.2	Clear	No Odor
11:25	5	180	5.18	0.24	7.39	0.43	0.02	2.10	19.9	96.9	Clear	No Odor
11:30	5	180	5.20	0.48	7.34	0.43	0.02	2.72	19.7	102.2	Clear	No Odor
11:35	5	180	5.20	0.72	7.32	0.43	0.02	2.68	19.7	109.1	Clear	No Odor
11:40	5	180	5.20	0.96	7.32	0.43	0.02	2.78	19.8	116.7	Clear	No Odor
11:45	5	180	5.20	1.20	7.32	0.43	0.02	2.85	19.8	123.4	Clear	No Odor
11:50	5	180	5.20	1.44	7.31	0.43	0.02	2.73	19.8	128.6	Clear	No Odor
11:55	5	180	5.20	1.68	7.32	0.43	0.02	2.81	19.8	132.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	35416 Leon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-230			Date	08-02-2022
Project Name/Location	Ford LTP			Weather	75 degrees f, 55% humidity, N 9 mph wind, 29.31 iwc.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10.0-15.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.2	Total Depth (ft-bmp)	15	Water Column (ft.)	6.8	Gallons in Well	1.1
		Pump Intake (ft-bmp)	12.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.76		--		Christian Garrido
Sample Time: Label	11:30	Volume Purged	0.84 gallons	Replicate/Code No.		Sampled by	
Purge Start	10:58						
Purge End	11:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:00	0	120	8.20	0.00	7.19	0.76	0.20	0.48	14.7	-22.0	Clear	No Odor
11:05	1	120	8.31	0.03	7.19	0.76	0.02	0.42	14.7	-21.2	Clear	No Odor
11:10	5	120	8.45	0.19	7.17	0.75	0.02	0.45	14.7	-16.0	Clear	No Odor
11:15	5	120	8.63	0.35	7.16	0.75	0.02	0.62	14.8	-12.8	Clear	No Odor
11:20	5	120	8.61	0.51	7.15	0.76	0.02	0.69	14.9	-9.6	Clear	No Odor
11:25	5	130	8.61	0.67	7.15	0.77	0.02	0.75	14.9	-6.5	Clear	No Odor
11:30	5	130	8.61	0.84	7.14	0.77	0.02	0.74	15.0	-4.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Minton ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-230D			Date	08-02-2022
Project Name/Location	Ford LTP			Weather	75 degrees f, 61F WNW 8 mph, 29.31 iwc.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.32	Total Depth (ft-bmp)	20.92	Water Column (ft.)	13.6	Gallons in Well	2.21
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.46		--		Christian Garrido
Sample Time:	Label 10:50	Volume Purged	1.01 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:17						
	Purge End 10:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	130	7.32	0.00	7.40	1.01	8.47	0.65	14.5	-20.4	Clear	No Odor
10:25	5	120	7.41	0.17	7.30	1.00	4.53	0.68	14.5	-11.1	Clear	No Odor
10:30	5	130	7.53	0.33	7.29	1.00	2.52	0.95	14.3	-9.0	Clear	No Odor
10:35	5	130	7.51	0.50	7.31	1.00	0.02	1.05	14.2	-8.3	Clear	No Odor
10:40	5	130	7.51	0.67	7.32	0.99	0.02	1.02	14.1	-8.0	Clear	No Odor
10:45	5	130	7.51	0.84	7.32	0.99	0.02	1.00	14.1	-7.3	Clear	No Odor
10:50	5	130	7.51	1.01	7.34	0.99	0.02	0.97	14.3	-8.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Minton ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-230S			Date	08-02-2022
Project Name/Location	Ford LTP			Weather	75 degrees f, 55% humidity, N 9 mph, 29.31 iwc		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.0-9.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.45	Total Depth (ft-bmp)	8.95	Water Column (ft.)	0.5	Gallons in Well	0.08
		Pump Intake (ft-bmp)	8.75	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	12		--		
Sample Time:	Label 12:15	Volume Purged	0.96 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 11:43						
	Purge End 12:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:45	0	120	8.45	0.00	7.08	0.90	11.70	0.63	16.9	3.3	Clear	No Odor
11:50	5	120	8.45	0.16	7.07	0.90	8.52	0.58	16.9	4.0	Clear	No Odor
11:55	5	120	8.52	0.32	7.06	0.90	4.91	0.50	17.1	7.6	Clear	No Odor
12:00	5	120	8.55	0.48	7.05	0.90	2.16	0.50	16.8	10.8	Clear	No Odor
12:05	5	120	8.55	0.64	7.04	0.89	0.02	0.41	16.7	13.5	Clear	No Odor
12:10	5	120	8.55	0.80	7.04	0.89	0.02	0.37	16.8	15.9	Clear	No Odor
12:15	5	120	8.55	0.96	7.04	0.89	0.02	0.34	16.8	17.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Minton ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-231			Date	08-03-2022
Project Name/Location	Ford LTP			Weather	70 degrees F, 81% humidity, SSW 10 mph wind, 29.26 iwc.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10.0-15.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.13	Total Depth (ft-bmp)	14.61	Water Column (ft.)	8.48	Gallons in Well	1.38
		Pump Intake (ft-bmp)	12.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.86		--		Christian Garrido
Sample Time:	Label 09:50	Volume Purged	1.18 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:12						
	Purge End 09:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:15	0	130	6.12	0.00	7.08	0.78	8.52	1.08	17.4	16.4	Clear	No Odor
09:20	5	130	6.22	0.17	7.06	0.78	3.17	0.45	17.5	18.1	Clear	No Odor
09:25	5	120	6.41	0.34	7.07	0.77	0.02	0.28	17.4	19.1	Clear	No Odor
09:30	5	130	6.43	0.50	7.09	0.76	0.02	0.46	17.4	19.4	Clear	No Odor
09:35	5	130	6.51	0.67	7.09	0.74	0.02	1.53	17.4	21.9	Clear	No Odor
09:40	5	130	6.51	0.84	7.08	0.73	0.02	2.77	17.4	26.5	Clear	No Odor
09:45	5	130	5.61	1.01	7.08	0.72	0.02	2.81	17.4	30.9	Clear	No Odor
09:50	5	130	6.51	1.18	7.09	0.72	0.02	2.83	17.4	34.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Parkdale ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-231S			Date	08-03-2022
Project Name/Location	Ford LTP			Weather	70 degrees F, 87% humidity, SSW 8 mph wind, 29.26 iwc		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-8.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.82	Total Depth (ft-bmp)	7.58	Water Column (ft.)	1.76	Gallons in Well	0.29
		Pump Intake (ft-bmp)	7.32	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.34		--		Christian Garrido
Sample Time: Label	09:05	Volume Purged	0.97 gallons	Replicate/Code No.		Sampled by	
Purge Start	08:33						
Purge End	09:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:35	0	120	5.82	0.00	6.51	1.01	14.20	0.73	20.1	23.5	Clear	No Odor
08:40	5	120	5.96	0.16	6.42	1.00	8.37	0.45	20.1	26.5	Clear	No Odor
08:45	5	128	6.04	0.32	6.58	1.00	4.63	0.42	20.2	26.9	Clear	No Odor
08:50	5	120	6.05	0.49	6.63	1.01	2.02	0.35	20.3	28.4	Clear	No Odor
08:55	5	120	6.05	0.65	6.63	1.01	0.02	0.32	20.2	29.1	Clear	No Odor
09:00	5	120	6.05	0.81	6.62	1.01	0.02	0.28	20.1	28.2	Clear	No Odor
09:05	5	120	6.05	0.97	6.61	1.01	0.02	0.29	20.0	21.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Parkdale ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-232			Date	08-01-2022
Project Name/Location		Ford LTP	Weather	75 degrees f, 48%, WNW 8 mph, 29.32 iwc			
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	10.0-15.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		4.97	Total Depth (ft-bmp)	14.92	Water Column (ft.)	9.95	Gallons in Well	1.62
			Pump Intake (ft-bmp)	12.5	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	0.6		--		
Sample Time:	Label	14:00	Volume Purged	0.97 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start	13:28						
	Purge End	14:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:30	0	120	4.97	0.00	6.85	2.56	14.70	0.56	16.1	4.9	Clear	No Odor
13:35	5	130	4.97	0.16	6.84	2.57	9.75	0.51	16.1	6.0	Clear	No Odor
13:40	5	120	5.82	0.33	6.80	2.56	4.84	0.38	16.3	10.6	Clear	No Odor
13:45	5	120	6.85	0.49	6.83	2.57	0.02	0.22	16.1	10.1	Clear	No Odor
13:50	5	120	7.52	0.65	6.84	2.56	0.02	0.19	16.1	10.9	Clear	No Odor
13:55	5	120	8.19	0.81	6.86	2.57	0.02	0.20	16.1	11.4	Clear	No Odor
14:00	5	120	8.78	0.97	6.86	2.56	0.02	0.19	16.1	12.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Woodring ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-232S			Date	08-01-2022
Project Name/Location	Ford LTP			Weather	75 degrees f, 48% humidity, WNW 8 mph wind, 29.32 iwc.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.97	Total Depth (ft-bmp)	7.21	Water Column (ft.)	2.24	Gallons in Well	0.36
		Pump Intake (ft-bmp)	6.47	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.67		--		Christian Garrido
Sample Time:	Label 14:40	Volume Purged	0.96 gallons	Replicate/Code No.		Sampled by	
	Purge Start 14:09						
	Purge End 14:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:10	0	120	4.97	0.00	6.72	3.55	8.41	0.29	10.7	-44.1	Clear	No Odor
14:15	5	120	5.18	0.16	6.72	3.55	3.81	0.27	18.6	-44.4	Clear	No Odor
14:20	5	120	5.24	0.32	6.72	3.54	1.92	0.26	18.6	-44.6	Clear	No Odor
14:25	5	120	5.30	0.48	6.71	3.54	0.02	0.26	18.6	-44.8	Clear	No Odor
14:30	5	120	5.41	0.64	6.71	3.55	0.02	0.25	18.6	-44.9	Clear	No Odor
14:35	5	120	5.45	0.80	6.69	3.54	0.02	0.25	18.6	-46.1	Clear	No Odor
14:40	5	120	5.45	0.96	6.68	3.55	0.02	0.29	18.5	-47.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	WOODRING ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-233			Date	08-02-2022
Project Name/Location	Ford LTP			Weather	70 degrees f, 66% humidity, NNW 8 mph wind, 29.31 iwc		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10.0-15.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.17	Total Depth (ft-bmp)	14.91	Water Column (ft.)	10.74	Gallons in Well	1.75
		Pump Intake (ft-bmp)	12.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.54		--		Christian Garrido
Sample Time:	Label 09:00	Volume Purged	0.95 gallons	Replicate/Code No.		Sampled by	
	Purge Start 08:27						
	Purge End 09:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:30	0	110	4.17	0.00	6.98	2.24	22.90	1.73	15.2	-6.5	Clear	No Odor
08:35	5	120	4.43	0.15	6.85	2.23	17.20	1.07	15.0	-10.4	Clear	No Odor
08:40	5	120	4.91	0.31	6.88	2.21	9.90	0.84	15.0	-17.0	Clear	No Odor
08:45	5	120	6.56	0.47	6.92	2.20	4.81	0.90	15.1	-20.0	Clear	No Odor
08:50	5	120	7.02	0.63	6.94	2.20	3.84	0.75	15.1	-19.4	Clear	No Odor
08:55	5	120	7.34	0.79	6.94	2.20	1.49	0.74	15.0	-17.2	Clear	No Odor
09:00	5	120	8.51	0.95	6.95	2.20	0.02	0.72	15.0	-15.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Capitol ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30080642.402.01	Well ID	MW-233S			Date	08-02-2022
Project Name/Location	Ford LTP			Weather	70 F, 66% humidity, NNW 8 mph, 29.31 iwc.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.21	Total Depth (ft-bmp)	7.39	Water Column (ft.)	3.18	Gallons in Well	0.52
		Pump Intake (ft-bmp)	5.71	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.38		--		
Sample Time: Label	09:50	Volume Purged	1.24 gallons	Replicate/Code No.		Sampled by	Christian Garrido
Purge Start	09:08						
Purge End	09:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:10	0	110	4.28	0.00	6.51	1.60	0.02	0.76	17.2	-43.9	Clear	No Odor
09:15	5	110	4.51	0.15	6.74	1.53	0.02	0.37	17.2	-56.8	Clear	No Odor
09:20	5	120	4.81	0.30	6.86	1.42	0.02	0.22	17.4	-64.7	Clear	No Odor
09:25	5	120	4.61	0.46	6.90	1.34	0.02	0.25	17.5	-67.0	Clear	No Odor
09:30	5	110	4.83	0.62	6.93	1.29	0.02	0.40	17.6	-66.4	Clear	No Odor
09:35	5	120	5.04	0.77	6.96	1.29	0.02	0.52	17.7	-64.0	Clear	No Odor
09:40	5	110	5.31	0.93	6.97	1.29	0.02	0.64	17.7	-61.8	Clear	No Odor
09:45	5	120	5.11	1.08	6.97	1.29	0.02	0.67	17.7	-59.7	Clear	No Odor
09:50	5	120	5.37	1.24	6.97	1.29	0.02	0.68	17.7	-57.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Capitol ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-15-61D			Date	11-12-2022
Project Name/Location	Ford LTP			Weather	37.9 degrees F and Light Snow. The wind is blowing W at 13.9 mph. 60% humidity, 29.68 inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	88.0-93.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	24.56	Total Depth (ft-bmp)	93.62	Water Column (ft.)	69.06	Gallons in Well	11.22
		Pump Intake (ft-bmp)	90.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.18		--		Sommer Guy
Sample Time: Label	13:55	Volume Purged	2.0 gallons	Replicate/Code No.		Sampled by	
Purge Start	12:57						
Purge End	14:03						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:58	0	150	25.96	0.00	7.86	1.60	0.85	0.83	14.0	-47.5	Clear	Faint Odor
13:03	5	150	28.00	0.20	7.83	1.49	28.20	0.64	14.2	-96.9	Clear, Small White Particulates	No Odor
13:08	5	150	29.70	0.40	7.84	1.47	19.90	0.68	14.4	-123.1	Clear, Small White Particulates	No Odor
13:13	5	150	31.45	0.60	7.82	1.46	9.73	0.70	14.3	-134.4	Clear, Small White Particulates	No Odor
13:18	5	150	33.20	0.80	7.80	1.46	9.73	0.67	14.1	-142.2	Clear, Small White Particulates	No Odor
13:23	5	150	34.95	1.00	7.78	1.45	14.90	0.62	14.1	-146.3	Clear, Small White Particulates	No Odor
13:28	5	150	36.75	1.20	7.77	1.46	12.50	0.59	14.4	-149.7	Clear, Small White Particulates	No Odor
13:33	5	150	38.90	1.40	7.75	1.46	13.00	0.59	14.6	-151.7	Clear, Small White Particulates	No Odor
13:38	5	150	41.55	1.60	7.77	1.47	4.25	0.45	13.9	-156.5	Clear	No Odor
13:43	5	150	43.15	1.80	7.75	1.46	4.50	0.46	13.6	-157.6	Clear	No Odor
13:48	5	150	44.00	2.00	7.73	1.46	0.02	0.46	13.8	-156.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-30			Date	11-12-2022
Project Name/Location	Ford LTP			Weather	37.9 degrees F and Cloudy. The wind is blowing W at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.0-24.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.49	Total Depth (ft-bmp)	23.71	Water Column (ft.)	13.22	Gallons in Well	2.15
		Pump Intake (ft-bmp)	21.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.94		--		
Sample Time: Label	12:31	Volume Purged	2.03 gallons	Replicate/Code No.		Sampled by	Christina Weaver
Purge Start	11:53						
Purge End	12:36						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:55	0	220	10.94	0.00	7.65	4.98	9.77	1.37	12.9	-75.7	Clear	No Odor
12:00	5	220	11.20	0.29	7.56	4.53	2.24	0.53	13.4	-135.4	Clear	No Odor
12:05	5	220	11.29	0.58	7.56	4.46	1.43	0.45	13.7	-140.2	Clear	No Odor
12:10	5	220	11.34	0.87	7.56	4.42	0.02	0.28	13.2	-144.9	Clear	No Odor
12:15	5	220	11.38	1.16	7.56	4.43	0.02	0.26	13.1	-145.2	Clear	No Odor
12:20	5	220	11.38	1.45	7.56	4.42	0.02	0.35	13.8	-145.8	Clear	No Odor
12:25	5	220	11.40	1.74	7.55	4.42	0.02	0.30	14.1	-145.9	Clear	No Odor
12:30	5	220	11.40	2.03	7.55	4.43	0.02	0.31	13.8	-145.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-31			Date	11-12-2022
Project Name/Location	Ford LTP			Weather	37.0 degrees F and Cloudy. The wind is blowing W/NW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17.0-22.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.82	Total Depth (ft-bmp)	21.64	Water Column (ft.)	10.82	Gallons in Well	1.76
		Pump Intake (ft-bmp)	19.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.31		--		Christina Weaver
Sample Time:	Label 10:43	Volume Purged	2.31 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:04						
	Purge End 10:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:07	0	250	10.95	0.00	7.92	11.76	0.02	5.08	14.6	-44.4	Clear	No Odor
10:12	5	250	10.95	0.33	7.70	15.57	0.02	3.85	14.1	-28.1	Clear	No Odor
10:17	5	250	10.95	0.66	7.39	22.65	0.02	0.36	14.8	-63.9	Clear	No Odor
10:22	5	250	10.96	0.99	7.40	22.70	0.02	0.55	14.1	-72.6	Clear	No Odor
10:27	5	250	10.96	1.32	7.40	22.71	0.02	0.58	14.3	-73.9	Clear	No Odor
10:32	5	250	10.96	1.65	7.40	22.70	0.02	0.61	14.0	-76.4	Clear	No Odor
10:37	5	250	10.96	1.98	7.41	22.72	0.02	0.62	13.9	-76.5	Clear	No Odor
10:42	5	250	10.96	2.31	7.42	22.71	0.02	0.62	13.8	-76.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-32			Date	11-18-2022
Project Name/Location	Ford LTP			Weather	31 degrees F and Cloudy. The wind is blowing SW at 12 mph, 73% humidity, 30.05 inHg .		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	18.0-23.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.33	Total Depth (ft-bmp)	22.85	Water Column (ft.)	12.52	Gallons in Well	2.03
		Pump Intake (ft-bmp)	20.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.79		--		Sommer Guy
Sample Time:	Label 11:30	Volume Purged	1.6 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:42						
	Purge End 11:32						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:44	0	150	10.76	0.00	7.67	4.46	28.70	2.42	10.8	-83.3	Clear, Small White Particulates	No Odor
10:49	5	150	10.82	0.20	7.54	4.18	29.10	0.98	14.9	-90.7	Clear, Small White Particulates	No Odor
10:54	5	150	10.83	0.40	7.52	4.12	16.50	0.60	12.2	-93.4	Clear, Small White Particulates	No Odor
10:59	5	150	10.83	0.60	7.51	4.14	8.05	0.43	12.6	-95.9	Clear, Small White Particulates	No Odor
11:04	5	150	10.83	0.80	7.51	4.18	10.60	0.40	12.5	-97.4	Clear, Small White Particulates	No Odor
11:09	5	150	10.83	1.00	7.51	4.32	5.26	0.39	12.5	-98.7	Clear, Small White Particulates	No Odor
11:14	5	150	10.83	1.20	7.51	4.29	5.85	0.39	12.5	-99.7	Clear, Small White Particulates	No Odor
11:19	5	150	10.83	1.40	7.51	4.33	5.88	0.38	12.5	-100.4	Clear, Small White Particulates	No Odor
11:24	5	150	10.83	1.60	7.51	4.36	5.71	0.37	12.5	-101.4	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, SE	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-33		Date	11-14-2022	
Project Name/Location		Ford LTP	Weather	39.0 degrees F and Mostly Cloudy. The wind is blowing W/SW at 4.7 mph. 39% humidity, 30.39 inHg			
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	14.0-19.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		8.48	Total Depth (ft-bmp)	18.72	Water Column (ft.)	10.24	Gallons in Well	1.66
			Pump Intake (ft-bmp)	16.5	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	0.84		--		
Sample Time:	Label	14:25	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	Sommer Guy
	Purge Start	13:44						
	Purge End	14:27						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:46	0	150	8.68	0.00	8.38	5.37	12.20	1.79	13.8	-52.6	Clear	No Odor
13:51	5	150	8.69	0.20	7.41	6.31	17.70	0.62	14.1	-113.1	Clear, Small Black Particulates, Small White Particulates	No Odor
13:56	5	150	8.70	0.40	7.34	6.32	9.75	0.53	14.1	-111.6	Clear, Small White Particulates	No Odor
14:01	5	150	8.70	0.60	7.30	6.39	6.63	0.33	14.4	-108.0	Clear, Small White Particulates	No Odor
14:06	5	150	8.72	0.80	7.27	6.61	5.01	0.26	14.5	-110.7	Clear	No Odor
14:11	5	150	8.73	1.00	7.27	6.72	4.54	0.25	14.6	-112.3	Clear	No Odor
14:16	5	150	8.73	1.20	7.27	6.79	2.87	0.24	14.6	-113.4	Clear	No Odor
14:21	5	150	8.73	1.40	7.27	6.82	4.02	0.22	14.6	-113.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-34			Date	11-12-2022
Project Name/Location	Ford LTP			Weather	37.9 degrees F and Cloudy. The wind is blowing W at 12.8 mph. 56% humidity, 29.89 inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.5-21.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.04	Total Depth (ft-bmp)	21.29	Water Column (ft.)	11.25	Gallons in Well	1.83
		Pump Intake (ft-bmp)	19	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.66		--		Sommer Guy
Sample Time:	Label 12:05	Volume Purged	1.2 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:28						
	Purge End 12:07						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:29	0	150	10.61	0.00	7.39	10.59	13.80	1.30	14.5	-34.4	Clear, Small White Particulates	No Odor
11:34	5	150	10.93	0.20	7.38	11.00	14.90	0.87	14.9	-60.8	Clear, Small White Particulates	No Odor
11:39	5	150	11.05	0.40	7.38	11.05	13.80	0.64	14.9	-72.2	Clear, Small White Particulates	No Odor
11:44	5	150	11.13	0.60	7.38	11.03	6.79	0.47	15.0	-78.1	Clear, Small White Particulates	No Odor
11:49	5	150	11.15	0.80	7.37	11.00	6.07	0.41	15.5	-81.6	Clear, Small White Particulates	No Odor
11:54	5	150	11.15	1.00	7.37	10.98	6.40	0.41	15.3	-83.7	Clear, Small White Particulates	No Odor
11:59	5	150	11.15	1.20	7.37	10.96	6.01	0.39	15.5	-85.2	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-35			Date	11-12-2022
Project Name/Location	Ford LTP			Weather	37 degrees F and Cloudy. The wind is blowing W at 9 mph. 60% humidity, 29.8 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.5-24.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.42	Total Depth (ft-bmp)	24.1	Water Column (ft.)	14.68	Gallons in Well	2.39
		Pump Intake (ft-bmp)	22	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.43		--		
Sample Time: Label	10:50	Volume Purged	1.02 gallons	Replicate/Code No.		Sampled by	Christian Garrido
Purge Start	10:17						
Purge End	10:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	130	9.42	0.00	7.86	3.54	5.47	0.58	16.0	-117.6	Clear	No Odor
10:25	5	130	9.46	0.17	7.85	3.52	4.71	0.55	16.1	-122.9	Clear	No Odor
10:30	5	130	9.47	0.34	7.81	3.46	0.02	0.26	16.3	-151.8	Clear	No Odor
10:35	5	130	9.51	0.51	7.81	3.48	0.02	0.19	16.2	-160.1	Clear	No Odor
10:40	5	130	9.52	0.68	7.80	3.50	0.02	0.20	16.3	-169.5	Clear	No Odor
10:45	5	130	9.52	0.85	7.80	3.50	0.02	0.18	16.2	-176.3	Clear	No Odor
10:50	5	130	9.55	1.02	7.79	3.47	0.02	0.18	16.3	-179.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-38			Date	11-09-2022
Project Name/Location	Ford LTP			Weather	60.1 degrees F and Partly Cloudy. The wind is blowing S at 10.3 mph. 32% humidity, 30.33 inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.25	Total Depth (ft-bmp)	19.51	Water Column (ft.)	11.26	Gallons in Well	1.83
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.01		--		Sommer Guy
Sample Time:	Label 13:30	Volume Purged	1.84 gallons	Replicate/Code No.		Sampled by	
	Purge Start 12:37						
	Purge End 13:32						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:39	0	150	8.50	0.00	7.67	5.09	5.51	1.80	17.6	-118.9	Clear, Small Black Particulates	No Odor
12:44	5	150	8.57	0.20	7.67	4.95	1.68	0.60	17.0	-133.7	Clear	No Odor
12:49	5	150	8.60	0.40	7.67	4.92	3.50	0.40	17.0	-137.3	Clear	No Odor
12:54	5	150	8.61	0.60	7.65	4.89	8.96	0.39	17.0	-137.8	Clear, Small White Particulates	No Odor
12:59	5	150	8.61	0.80	7.64	4.86	8.63	0.29	16.9	-139.5	Clear	No Odor
13:04	5	180	8.61	1.00	7.63	4.87	9.93	0.27	17.0	-141.9	Clear	No Odor
13:09	5	150	8.61	1.24	7.62	4.79	4.19	0.27	16.9	-142.4	Clear	No Odor
13:14	5	150	8.61	1.44	7.62	4.76	8.10	0.25	16.9	-144.3	Clear, Small White Particulates	No Odor
13:19	5	150	8.61	1.64	7.61	4.73	8.93	0.24	16.9	-145.0	Clear, Small White Particulates	No Odor
13:24	5	150	8.61	1.84	7.60	4.69	8.32	0.24	16.9	-146.4	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-39			Date	11-18-2022
Project Name/Location		Ford LTP	Weather	32.0 degrees F and Cloudy. The wind is blowing W/SW at 17.2 mph.			
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	19.5-24.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		11.72	Total Depth (ft-bmp)	24.22	Water Column (ft.)	12.5	Gallons in Well	2.03
			Pump Intake (ft-bmp)	22	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	0.59		--		
Sample Time:	Label	12:30	Volume Purged	1.2 gallons	Replicate/Code No.		Sampled by	Sommer Guy
	Purge Start	11:52						
	Purge End	12:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:53	0	150	11.82	0.00	7.47	4.73	5.52	2.72	11.7	-48.7	Clear, Small Black Particulates, Small White Particulates	No Odor
11:58	5	150	11.76	0.20	7.43	4.80	7.88	0.77	13.6	-45.1	Clear, Small Black Particulates, Small White Particulates	No Odor
12:03	5	150	11.76	0.40	7.41	4.85	3.64	0.54	13.7	-42.6	Clear	No Odor
12:08	5	150	11.76	0.60	7.41	4.84	1.43	0.46	14.1	-40.5	Clear	No Odor
12:13	5	150	11.76	0.80	7.40	4.85	2.01	0.42	14.2	-38.4	Clear	No Odor
12:18	5	150	11.76	1.00	7.40	4.86	0.93	0.41	14.2	-36.4	Clear	No Odor
12:23	5	150	11.76	1.20	7.40	4.84	0.72	0.38	14.3	-34.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, SE	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-40			Date	11-12-2022
Project Name/Location	Ford LTP			Weather	37.0 degrees F and Cloudy. The wind is blowing W/NW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.72	Total Depth (ft-bmp)	19.64	Water Column (ft.)	8.92	Gallons in Well	1.45
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.37		--		Christina Weaver
Sample Time: Label	09:46	Volume Purged	1.98 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:12						
Purge End	09:51						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:15	0	250	10.83	0.00	7.21	15.23	24.80	0.95	14.1	31.9	Clear	No Odor
09:20	5	250	10.82	0.33	7.17	15.88	6.55	0.35	15.2	3.7	Clear	No Odor
09:25	5	250	10.81	0.66	7.17	15.95	3.87	3.20	15.2	-79.4	Clear	No Odor
09:30	5	250	10.81	0.99	7.18	16.03	2.74	0.31	14.3	-81.6	Clear	No Odor
09:35	5	250	10.81	1.32	7.20	16.07	4.28	0.37	15.1	-85.8	Clear	No Odor
09:40	5	250	10.81	1.65	7.20	16.14	2.85	0.23	15.1	-88.4	Clear	No Odor
09:45	5	250	10.81	1.98	7.20	16.18	2.45	0.21	15.2	-90.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-41			Date	11-12-2022
Project Name/Location	Ford LTP		Weather	36.0 degrees F and Cloudy. The wind is blowing NW at 9.2 mph.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.01	Total Depth (ft-bmp)	20.9	Water Column (ft.)	10.89	Gallons in Well	1.77
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.9		--		Sommer Guy
Sample Time:	Label 09:55	Volume Purged	1.6 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:05						
	Purge End 09:57						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:07	0	150	10.25	0.00	7.35	9.18	25.10	1.29	14.5	82.0	Clear, Small White Particulates	No Odor
09:12	5	150	10.21	0.20	7.52	9.35	13.30	0.50	14.8	-13.9	Clear, Small White Particulates	No Odor
09:17	5	150	10.21	0.40	7.55	9.34	16.10	0.54	14.5	-53.7	Clear, Small White Particulates	No Odor
09:22	5	150	10.21	0.60	7.56	9.25	13.50	0.46	14.3	-80.1	Clear, Small White Particulates	No Odor
09:27	5	150	10.21	0.80	7.56	9.15	7.83	0.46	14.4	-92.4	Clear, Small White Particulates	No Odor
09:32	5	150	10.21	1.00	7.56	9.16	5.84	0.52	14.1	-99.5	Clear, Small White Particulates	No Odor
09:37	5	150	10.21	1.20	7.56	9.12	3.27	0.52	14.1	-103.9	Clear	No Odor
09:42	5	150	10.21	1.40	7.56	9.06	4.10	0.56	14.0	-106.0	Clear	No Odor
09:47	5	150	10.21	1.60	7.56	9.01	3.13	0.54	13.9	-107.4	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-42			Date	11-12-2022
Project Name/Location	Ford LTP			Weather	35 degrees F and Cloudy. The wind is blowing W at 10 mph. 64% humidity, 29.9 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.79	Total Depth (ft-bmp)	20.44	Water Column (ft.)	10.65	Gallons in Well	1.73
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.55		--		
Sample Time: Label	09:05	Volume Purged	0.96 gallons	Replicate/Code No.		Sampled by	Christian Garrido
Purge Start	08:32						
Purge End	09:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:35	0	120	9.79	0.00	7.35	29.84	4.68	1.06	15.6	-96.0	Clear	No Odor
08:40	5	120	9.81	0.16	7.35	29.82	4.07	1.33	15.6	-97.2	Clear	No Odor
08:45	5	120	9.81	0.32	7.33	29.03	3.52	0.45	15.5	-101.4	Clear	No Odor
08:50	5	120	9.81	0.48	7.32	28.65	1.69	0.43	15.4	-102.8	Clear	No Odor
08:55	5	120	9.82	0.64	7.31	28.22	0.83	0.41	15.8	-104.8	Clear	No Odor
09:00	5	120	9.84	0.80	7.30	27.93	0.02	0.35	16.0	-105.9	Clear	No Odor
09:05	5	120	9.85	0.96	7.30	27.57	0.02	0.36	16.0	-106.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-43			Date	11-12-2022
Project Name/Location		Ford LTP		Weather	37.0 degrees F and Cloudy. The wind is blowing W/NW at 10.3 mph.		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	17.0-22.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		9.12	Total Depth (ft-bmp)	21.77	Water Column (ft.)	12.65	Gallons in Well	2.06
			Pump Intake (ft-bmp)	19.5	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	0.66		DUP-06		
Sample Time:	Label	11:06	Volume Purged	1.36 gallons	Replicate/Code No.		Sampled by	Gary Schafer
	Purge Start	10:23						
	Purge End	11:17						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:25	0	125	9.22	0.00	7.48	15.33	19.80	0.94	16.2	-125.4	Turbid	No Odor
10:30	5	125	9.22	0.17	7.52	15.26	9.53	0.41	16.2	-138.0	Clear	No Odor
10:35	5	125	9.22	0.34	7.52	15.20	9.51	0.37	16.3	-140.4	Clear	No Odor
10:40	5	125	9.22	0.51	7.53	15.14	6.75	0.27	16.4	-142.4	Clear	No Odor
10:45	5	125	9.23	0.68	7.53	15.07	8.21	0.23	16.3	-143.7	Clear	No Odor
10:50	5	125	9.23	0.85	7.54	15.03	6.50	0.22	16.3	-144.0	Clear	No Odor
10:55	5	125	9.23	1.02	7.54	14.96	3.72	0.22	16.4	-144.3	Clear	No Odor
11:00	5	125	9.23	1.19	7.54	14.94	3.34	0.21	16.2	-144.2	Clear	No Odor
11:05	5	125	9.23	1.36	7.54	14.90	3.17	0.21	16.2	-143.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-45			Date	11-15-2022
Project Name/Location	Ford LTP			Weather	30 degrees F and Cloudy, The wind is blowing E/NE at 12 mph. 80% humidity, 30.2 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.53	Total Depth (ft-bmp)	19.68	Water Column (ft.)	9.15	Gallons in Well	1.49
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.77		DUP-04		
Sample Time: Label	09:40	Volume Purged	1.15 gallons	Replicate/Code No.		Sampled by	Christian Garrido
Purge Start	08:58						
Purge End	09:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:00	0	120	10.53	0.00	7.41	5.38	9.49	2.93	16.4	-87.1	Clear	No Odor
09:05	5	120	10.55	0.03	7.40	5.49	6.37	1.26	16.6	-87.3	Clear	No Odor
09:10	5	120	10.58	0.19	7.38	5.80	4.61	0.44	16.6	-94.7	Clear	No Odor
09:15	5	120	10.60	0.35	7.38	5.82	1.76	0.44	16.4	-94.8	Clear	No Odor
09:20	5	120	10.60	0.51	7.37	5.89	0.02	0.37	16.3	-96.0	Clear	No Odor
09:25	5	120	10.60	0.67	7.36	6.00	0.02	0.35	16.3	-96.9	Clear	No Odor
09:30	5	120	10.60	0.83	7.35	6.04	0.02	0.26	17.0	-98.0	Clear	No Odor
09:35	5	120	10.60	0.99	7.34	6.12	0.02	0.21	17.0	-98.7	Clear	No Odor
09:40	5	120	10.60	1.15	7.34	6.16	0.02	0.21	16.9	-98.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-46			Date	11-15-2022
Project Name/Location	Ford LTP			Weather	37.9 degrees F and Cloudy. The wind is blowing E/NE at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.82	Total Depth (ft-bmp)	19.68	Water Column (ft.)	9.86	Gallons in Well	1.6
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.5		--		Sommer Guy
Sample Time:	Label 13:50	Volume Purged	2.4 gallons	Replicate/Code No.		Sampled by	
	Purge Start 12:43						
	Purge End 13:52						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:45	0	150	10.48	0.00	7.80	5.22	49.20	1.92	15.9	-52.6	Clear, Small Black Particulates, Small White Particulates	No Odor
12:50	5	150	10.92	0.20	7.75	5.25	39.80	0.64	16.8	-72.1	Clear, Small Red Particulates	No Odor
12:55	5	150	11.00	0.40	7.72	6.12	22.80	0.39	16.8	-81.9	Clear, Small Black Particulates, Small Red Particulates	No Odor
13:00	5	150	11.05	0.60	7.70	7.10	15.70	0.35	16.7	-90.0	Clear, Small Black Particulates	No Odor
13:05	5	150	11.05	0.80	7.70	7.93	10.60	0.33	16.8	-97.0	Clear, Small Black Particulates	No Odor
13:10	5	150	11.05	1.00	7.68	8.90	8.14	0.32	16.8	-100.8	Clear, Small Black Particulates	No Odor
13:15	5	150	11.05	1.20	7.68	9.50	10.30	0.31	16.7	-104.7	Clear, Small Black Particulates	No Odor
13:20	5	150	11.05	1.40	7.66	9.94	8.57	0.30	16.8	-106.4	Clear, Small Black Particulates	No Odor
13:25	5	150	11.05	1.60	7.65	10.22	8.72	0.30	16.8	-106.9	Clear, Small Black Particulates	No Odor
13:30	5	150	11.05	1.80	7.64	10.50	6.39	0.30	16.7	-107.4	Clear, Small Black Particulates	No Odor
13:35	5	150	11.05	2.00	7.63	10.66	12.20	0.28	16.9	-107.7	Clear, Small Black Particulates	No Odor
13:40	5	150	11.05	2.20	7.62	10.80	17.90	0.27	16.8	-107.5	Clear, Small Black Particulates	No Odor
13:45	5	150	11.05	2.40	7.60	10.96	22.00	0.28	16.7	-107.1	Clear, Small Black Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-47		Date	11-17-2022	
Project Name/Location	Ford LTP		Weather	33.1 degrees F and Mostly Cloudy. The wind is blowing W/SW at 15.0 mph. 71% humidity, 30.11 inHg			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.75	Total Depth (ft-bmp)	18.78	Water Column (ft.)	9.03	Gallons in Well	1.47
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.63		DUP-03		
Sample Time:	Label 11:55	Volume Purged	2.4 gallons	Replicate/Code No.		Sampled by	Sommer Guy
	Purge Start 10:48						
	Purge End 11:59						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	150	9.86	0.00	7.49	7.74	45.70	1.86	15.4	180.1	Clear, Small Orange Particulates	No Odor
10:55	5	150	9.80	0.20	7.39	9.13	40.00	0.63	16.1	161.5	Clear, Small Orange Particulates	No Odor
11:00	5	150	9.80	0.40	7.40	9.14	17.80	0.47	16.8	139.9	Clear, Small Orange Particulates	No Odor
11:05	5	150	9.80	0.60	7.40	9.16	12.70	0.43	17.0	121.2	Clear, Small Orange Particulates	No Odor
11:10	5	150	9.80	0.80	7.40	9.14	8.44	0.39	17.3	109.4	Clear, Small White Particulates	No Odor
11:15	5	150	9.80	1.00	7.39	9.22	5.88	0.39	16.9	95.3	Clear, Small White Particulates	No Odor
11:20	5	150	9.80	1.20	7.38	9.24	4.36	0.38	17.2	84.3	Clear	No Odor
11:25	5	150	9.80	1.40	7.38	9.25	2.10	0.34	17.1	75.2	Clear	No Odor
11:30	5	150	9.80	1.60	7.38	9.26	0.37	0.36	16.8	66.0	Clear	No Odor
11:35	5	150	9.80	1.80	7.37	9.27	0.58	0.42	16.7	58.8	Clear	No Odor
11:40	5	150	9.80	2.00	7.37	9.25	2.75	0.43	16.8	50.8	Clear	No Odor
11:45	5	150	9.80	2.20	7.37	9.27	1.85	0.44	16.7	43.5	Clear	No Odor
11:50	5	150	9.80	2.40	7.37	9.24	1.86	0.42	16.7	33.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-48R			Date	11-16-2022
Project Name/Location	Ford LTP			Weather	37 degrees F and Cloudy, The wind is blowing SWW at 11 mph, 74% humidity, 30.05 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17.0-22.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.17	Total Depth (ft-bmp)	21.64	Water Column (ft.)	11.47	Gallons in Well	1.86
		Pump Intake (ft-bmp)	19.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.97		--		Sommer Guy
Sample Time:	Label 11:25	Volume Purged	1.8 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:35						
	Purge End 11:27						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:37	0	150	10.28	0.00	7.79	6.63	2.85	1.87	15.5	-62.5	Clear, Small White Particulates	No Odor
10:42	5	150	10.20	0.20	7.80	6.71	6.22	0.50	17.0	-101.1	Clear, Small White Particulates	No Odor
10:47	5	150	10.28	0.40	7.79	6.69	4.96	0.40	17.2	-115.8	Clear, Small White Particulates	No Odor
10:52	5	150	10.28	0.60	7.79	6.67	5.94	0.45	17.2	-122.8	Clear, Small White Particulates	No Odor
10:57	5	150	10.28	0.80	7.79	6.60	6.48	0.45	17.1	-125.8	Clear, Small White Particulates	No Odor
11:02	5	150	10.28	1.00	7.79	6.52	8.05	0.44	17.2	-128.0	Clear, Small White Particulates	No Odor
11:07	5	150	10.28	1.20	7.80	6.43	8.05	0.43	17.2	-129.6	Clear, Small White Particulates	No Odor
11:12	5	150	10.28	1.40	7.80	6.35	3.86	0.42	17.1	-130.6	Clear, Small White Particulates	No Odor
11:17	5	150	10.28	1.60	7.80	6.26	2.52	0.40	17.1	-131.4	Clear	No Odor
11:22	5	150	10.28	1.80	7.80	6.23	4.18	0.39	17.0	-131.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, N	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-50			Date	11-14-2022
Project Name/Location	Ford LTP			Weather	37.9 degrees F and Cloudy. The wind is blowing S/SW at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.6	Total Depth (ft-bmp)	18.54	Water Column (ft.)	9.94	Gallons in Well	1.62
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.86		--		Sommer Guy
Sample Time:	Label 15:30	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	
	Purge Start 14:49						
	Purge End 15:33						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:50	0	150	8.98	0.00	7.96	1.13	72.00	1.72	15.0	-88.5	Clear, Small Black Particulates	No Odor
14:55	5	150	9.07	0.20	7.51	2.52	35.00	0.45	15.6	-87.4	Clear, Small Black Particulates	No Odor
15:00	5	150	9.06	0.40	7.50	3.42	13.90	0.34	15.6	-92.3	Clear, Small Black Particulates	No Odor
15:05	5	150	9.06	0.60	7.47	3.85	9.48	0.32	15.7	-91.2	Clear, Small Black Particulates	No Odor
15:10	5	150	9.06	0.80	7.44	4.13	5.34	0.34	15.5	-88.5	Clear, Small Black Particulates, Small White Particulates	No Odor
15:15	5	150	9.06	1.00	7.42	4.25	4.29	0.35	15.3	-85.9	Clear, Small White Particulates	No Odor
15:20	5	150	9.06	1.20	7.40	4.33	3.18	0.34	15.2	-83.6	Clear	No Odor
15:25	5	150	9.06	1.40	7.38	4.37	2.63	0.35	15.1	-81.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-52			Date	11-12-2022
Project Name/Location	Ford LTP		Weather	37.9 degrees F and Cloudy. The wind is blowing W at 12.8 mph.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.32	Total Depth (ft-bmp)	19.74	Water Column (ft.)	10.42	Gallons in Well	1.69
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.11				
Sample Time: Label	12:36	Volume Purged	1.87 gallons	Replicate/Code No.	MW-52-MS_111222, MW-52-MSD_111222	Sampled by	Gary Schafer
Purge Start	11:38						
Purge End	12:51						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:40	0	125	9.36	0.00	7.42	6.48	13.20	1.25	15.6	-119.2	Turbid	No Odor
11:45	5	125	9.36	0.17	7.40	6.45	10.00	1.07	15.9	-123.0	Clear	No Odor
11:50	5	125	9.36	0.34	7.39	6.47	9.74	0.90	16.0	-124.0	Clear	No Odor
11:55	5	125	9.36	0.51	7.38	6.51	8.65	0.69	16.2	-126.1	Clear	No Odor
12:00	5	125	9.36	0.68	7.38	6.53	8.76	0.66	16.1	-126.2	Clear	No Odor
12:05	5	125	9.37	0.85	7.37	6.58	7.61	0.67	16.1	-126.1	Clear	No Odor
12:10	5	125	9.37	1.02	7.37	6.62	6.42	0.55	16.2	-126.9	Clear	No Odor
12:15	5	125	9.37	1.19	7.37	6.63	6.95	0.40	16.1	-126.5	Clear	No Odor
12:20	5	125	9.37	1.36	7.37	6.69	6.70	0.41	16.1	-126.0	Clear	No Odor
12:25	5	125	9.37	1.53	7.37	6.69	5.98	0.39	16.1	-125.9	Clear	No Odor
12:30	5	125	9.37	1.70	7.38	6.71	6.08	0.38	16.2	-126.4	Clear	No Odor
12:35	5	125	9.37	1.87	7.37	6.75	6.36	0.37	16.2	-127.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-53			Date	11-15-2022
Project Name/Location	Ford LTP			Weather	35 degrees F and Cloudy with Light Rain. The wind is blowing E/NE at 14 mph. 35% humidity, 30.2 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.83	Total Depth (ft-bmp)	20.8	Water Column (ft.)	11.97	Gallons in Well	1.95
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.47		--		Christian Garrido
Sample Time: Label	11:20	Volume Purged	0.92 gallons	Replicate/Code No.		Sampled by	
Purge Start	10:47						
Purge End	11:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	110	8.83	0.00	7.33	10.86	6.96	0.49	15.0	-101.7	Clear	No Odor
10:55	5	110	8.85	0.15	7.33	10.84	4.66	0.48	15.1	-102.6	Clear	No Odor
11:00	5	110	8.85	0.30	7.33	10.82	2.84	0.39	15.0	-104.8	Clear	No Odor
11:05	5	120	8.87	0.45	7.35	10.64	0.02	0.34	14.9	-107.8	Clear	No Odor
11:10	5	110	8.90	0.61	7.35	10.58	0.02	0.26	15.1	-109.6	Clear	No Odor
11:15	5	120	8.90	0.76	7.35	10.60	0.02	0.20	15.2	-110.9	Clear	No Odor
11:20	5	120	8.90	0.92	7.35	10.53	0.02	0.18	15.1	-111.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-54			Date	11-18-2022
Project Name/Location	Ford LTP			Weather	30 degrees F and Cloudy. The wind is blowing SW at 18 mph, 61% humidity, 30.04 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9	Total Depth (ft-bmp)	20.68	Water Column (ft.)	11.68	Gallons in Well	1.9
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.55		--		Christian Garrido
Sample Time: Label	11:40	Volume Purged	1.05 gallons	Replicate/Code No.		Sampled by	
Purge Start	11:07						
Purge End	11:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	140	9.02	0.00	7.39	11.36	10.20	0.87	13.5	52.9	Clear	No Odor
11:15	5	140	9.06	0.18	7.42	11.42	8.44	0.75	13.6	37.9	Clear	No Odor
11:20	5	138	9.15	0.36	7.55	11.22	2.80	0.29	13.8	-77.4	Clear	No Odor
11:25	5	130	9.17	0.54	7.55	11.20	0.02	0.26	13.8	-79.8	Clear	No Odor
11:30	5	130	9.20	0.71	7.55	11.07	0.02	0.19	13.8	-94.7	Clear	No Odor
11:35	5	130	9.20	0.88	7.55	11.08	0.02	0.20	13.8	-95.3	Clear	No Odor
11:40	5	130	9.22	1.05	7.55	11.07	0.02	0.17	13.7	-101.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-54S			Date	11-18-2022
Project Name/Location		Ford LTP		Weather	30 degrees F and Mostly Cloudy. The wind is blowing SW at 17 mph, 61% humidity, 30.04inHg.		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		8.21	Total Depth (ft-bmp)	9.2	Water Column (ft.)	0.99	Gallons in Well	0.16
			Pump Intake (ft-bmp)	9.05	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	1		--		
Sample Time:	Label	10:55	Volume Purged	0.16	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start	10:48						
	Purge End	11:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	2	110	8.40	0.06	7.89	0.65	142.00	4.24	13.5	9.1	Cloudy, Small Orange Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments MW-54S was purged dry over 10 minutes at 100 ml/min on 1/17/22. Returning on 1/18/22 a grab sample was taken with the above parameters.

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-55			Date	11-16-2022
Project Name/Location		Ford LTP		Weather	36F, cloudy, SWW 10mph, 82% humidity, 30.05 inHg		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		9.62	Total Depth (ft-bmp)	19.72	Water Column (ft.)	10.1	Gallons in Well	1.64
			Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	1.34		--		
Sample Time:	Label	10:10	Volume Purged	2.2 gallons	Replicate/Code No.		Sampled by	Sommer Guy
	Purge Start	09:08						
	Purge End	10:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:10	0	150	9.68	0.00	7.70	10.66	3.37	2.72	16.4	-56.6	Clear, Small White Particulates	No Odor
09:15	5	150	9.68	0.20	7.70	11.09	8.06	2.62	16.9	-87.7	Clear, Small White Particulates	No Odor
09:20	5	150	9.68	0.40	7.74	10.95	2.95	2.17	17.2	-109.2	Clear	No Odor
09:25	5	150	9.68	0.60	7.73	10.85	1.57	1.85	17.6	-113.1	Clear	No Odor
09:30	5	150	9.68	0.80	7.72	10.83	2.89	1.59	17.5	-114.6	Clear	No Odor
09:35	5	150	9.68	1.00	7.71	10.82	0.02	1.26	17.6	-116.0	Clear	No Odor
09:40	5	150	9.68	1.20	7.71	10.81	1.39	1.17	17.8	-117.0	Clear	No Odor
09:45	5	150	9.68	1.40	7.70	10.78	0.70	0.92	17.8	-118.0	Clear	No Odor
09:50	5	150	9.68	1.60	7.70	10.79	0.28	0.74	17.7	-118.8	Clear	No Odor
09:55	5	150	9.68	1.80	7.69	10.76	0.28	0.58	18.0	-119.3	Clear	No Odor
10:00	5	150	9.68	2.00	7.69	10.76	0.02	0.57	17.8	-120.0	Clear	No Odor
10:05	5	150	9.68	2.20	7.69	10.76	0.02	0.54	17.7	-120.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, NE	Well Locked at Arrival:	n/a
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-55D			Date	11-16-2022
Project Name/Location	Ford LTP	Weather	35.1 degrees F and Cloudy. The wind is blowing W/SW at 11.4 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.0-24.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.87	Total Depth (ft-bmp)	23.61	Water Column (ft.)	13.74	Gallons in Well	2.23
		Pump Intake (ft-bmp)	21.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.72		--		Sommer Guy
Sample Time:	Label 08:50	Volume Purged	1.6 gallons	Replicate/Code No.		Sampled by	
	Purge Start 08:03						
	Purge End 08:52						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:05	0	150	9.97	0.00	7.33	9.70	11.30	1.76	15.0	87.5	Clear, Small Black Particulates, Small White Particulates	No Odor
08:10	5	150	9.99	0.20	7.46	9.72	10.00	0.63	16.1	2.7	Clear, Small Black Particulates, Small White Particulates	No Odor
08:15	5	150	10.02	0.40	7.51	9.77	13.30	0.39	16.2	-37.0	Clear, Small Black Particulates, Small White Particulates	No Odor
08:20	5	150	10.02	0.60	7.82	9.83	6.46	0.40	15.8	-64.0	Clear, Small White Particulates	No Odor
08:25	5	150	10.02	0.80	7.53	9.92	2.89	0.37	15.9	-77.1	Clear	No Odor
08:30	5	150	10.02	1.00	7.54	10.01	4.83	0.35	16.0	-88.0	Clear	No Odor
08:35	5	150	10.02	1.20	7.55	10.03	4.68	0.33	16.3	-95.7	Clear	No Odor
08:40	5	150	10.02	1.40	7.56	10.05	2.28	0.31	16.5	-101.2	Clear	No Odor
08:45	5	150	10.02	1.60	7.56	10.09	0.78	0.30	16.3	-104.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, NE	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-57			Date	11-11-2022
Project Name/Location	Ford LTP			Weather	50 degrees F and Mostly Clear. The wind is blowing at 0.0 mph. 80% humidity, 29.8 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17.0-22.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.56	Total Depth (ft-bmp)	21.68	Water Column (ft.)	13.12	Gallons in Well	2.13
		Pump Intake (ft-bmp)	19.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.47		--		Christian Garrido
Sample Time: Label	08:55	Volume Purged	1.01 gallons	Replicate/Code No.		Sampled by	
Purge Start	08:23						
Purge End	09:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:25	0	130	8.56	0.00	8.05	9.45	4.44	0.64	17.1	-112.3	Clear	No Odor
08:30	5	130	8.61	0.17	7.98	9.46	3.79	0.55	17.1	-116.3	Clear	No Odor
08:35	5	120	8.64	0.34	7.92	9.47	3.24	0.44	17.2	-120.2	Clear	No Odor
08:40	5	130	8.65	0.50	7.82	9.30	1.36	0.30	17.2	-127.0	Clear	No Odor
08:45	5	130	8.68	0.67	7.76	9.02	0.02	0.24	17.2	-131.5	Clear	No Odor
08:50	5	130	8.68	0.84	7.74	8.96	0.02	0.22	17.2	-132.6	Clear	No Odor
08:55	5	130	8.68	1.01	7.70	8.96	0.02	0.22	17.2	-132.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-62			Date	11-18-2022
Project Name/Location	Ford LTP			Weather	30 degrees F and Light Snow. The wind is blowing SW at 16 mph, 66% humidity, 30.03 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.8	Total Depth (ft-bmp)	21.15	Water Column (ft.)	11.35	Gallons in Well	1.84
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.52		MW-62-MS_111822, MW-62-MSD_111822		Christian Garrido
Sample Time: Label	10:00	Volume Purged	0.96 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:26						
Purge End	10:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:30	0	120	9.80	0.00	7.31	5.73	28.50	1.27	17.0	-8.4	Clear	No Odor
09:35	5	120	9.84	0.16	7.31	5.83	19.60	1.29	17.3	-18.9	Clear	No Odor
09:40	5	120	9.85	0.32	7.29	6.49	16.40	0.58	16.8	-70.3	Clear	No Odor
09:45	5	120	9.91	0.48	7.29	6.50	5.69	0.67	16.7	-71.6	Clear	No Odor
09:50	5	120	9.91	0.64	7.28	6.45	3.11	0.69	16.9	-77.5	Clear	No Odor
09:55	5	120	9.91	0.80	7.28	6.45	0.02	0.67	16.9	-81.9	Clear	No Odor
10:00	5	120	9.94	0.96	7.27	6.48	0.02	0.74	16.8	-81.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-63			Date	11-15-2022
Project Name/Location		Ford LTP		Weather	37.9 degrees F and Cloudy. The wind is blowing NE at 8.1 mph. 79% humidity, 30.37 inHg		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	7.0-12.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		8.5	Total Depth (ft-bmp)	11.78	Water Column (ft.)	3.28	Gallons in Well	0.53
			Pump Intake (ft-bmp)	9.5	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	2.26				
Sample Time:	Label	14:50	Volume Purged	1.2 gallons	Replicate/Code No.	MW-63-MS_111522, MW-63-MSD_111522	Sampled by	Sommer Guy
	Purge Start	14:11						
	Purge End	14:58						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:13	0	150	8.52	0.00	8.18	1.99	11.50	2.05	14.6	-73.2	Clear, Small Black Particulates	No Odor
14:18	5	150	8.53	0.20	7.59	1.95	3.55	0.55	15.6	-73.9	Clear, Small Black Particulates	No Odor
14:23	5	150	8.53	0.40	7.52	1.93	2.12	0.43	15.9	-79.1	Clear	No Odor
14:28	5	150	8.53	0.60	7.52	1.93	0.59	0.41	15.9	-77.9	Clear	No Odor
14:33	5	150	8.53	0.80	7.53	1.92	0.64	0.38	15.9	-74.7	Clear	No Odor
14:38	5	150	8.53	1.00	7.54	1.92	0.08	0.36	16.0	-72.8	Clear	No Odor
14:43	5	150	8.53	1.20	7.54	1.92	0.02	0.36	16.0	-69.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-64			Date	11-11-2022
Project Name/Location	Ford LTP			Weather	53 degrees F and Mostly Clear. The wind is blowing at 0,0 mph. 76% humidity, 29.8 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.25	Total Depth (ft-bmp)	20.04	Water Column (ft.)	9.79	Gallons in Well	1.59
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.85		--		Christian Garrido
Sample Time:	Label 09:55	Volume Purged	1.35 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:13						
	Purge End 10:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:15	0	120	10.25	0.00	7.23	8.60	4.71	0.77	17.1	-89.8	Clear	No Odor
09:20	5	130	10.28	0.16	7.23	8.67	3.99	0.66	17.2	-89.5	Clear	No Odor
09:25	5	130	10.33	0.33	7.23	8.68	3.09	0.43	17.3	-90.2	Clear	No Odor
09:30	5	130	10.35	0.50	7.25	8.16	2.81	0.30	17.3	-90.0	Clear	No Odor
09:35	5	130	10.35	0.67	7.26	7.76	0.02	0.27	17.3	-90.0	Clear	No Odor
09:40	5	130	10.35	0.84	7.26	7.54	0.02	0.22	17.3	-90.2	Clear	No Odor
09:45	5	130	10.35	1.01	7.27	7.23	0.02	0.18	17.5	-90.6	Clear	No Odor
09:50	5	130	10.25	1.18	7.27	7.22	0.02	0.18	17.4	-90.7	Clear	No Odor
09:55	5	130	10.35	1.35	7.26	7.26	0.02	0.17	17.5	-91.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-67		Date	11-15-2022	
Project Name/Location	Ford LTP		Weather	36.0 degrees F and Light Rain and Light Snow. The wind is blowing E/NE at 11.4 mph. 84% humidity, 30.33 inHg			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.0-14.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.41	Total Depth (ft-bmp)	13.68	Water Column (ft.)	4.27	Gallons in Well	0.69
		Pump Intake (ft-bmp)	11.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.74		--		
Sample Time: Label	08:50	Volume Purged	1.2 gallons	Replicate/Code No.		Sampled by	Sommer Guy
Purge Start	08:12						
Purge End	08:52						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:14	0	150	9.41	0.00	7.37	4.19	29.80	1.19	14.2	168.3	Clear, Small Orange Particulates	No Odor
08:19	5	150	9.41	0.20	7.27	4.19	15.80	0.55	15.5	157.7	Clear, Small White Particulates	No Odor
08:24	5	150	9.41	0.40	7.25	4.39	5.80	0.49	16.0	137.1	Clear, Small White Particulates	No Odor
08:29	5	150	9.41	0.60	7.27	4.60	4.14	0.46	16.1	86.6	Clear	No Odor
08:34	5	150	9.41	0.80	7.31	4.73	3.26	0.35	16.3	69.0	Clear	No Odor
08:39	5	150	9.41	1.00	7.32	4.82	2.19	0.33	15.9	63.9	Clear	No Odor
08:44	5	150	9.41	1.20	7.33	4.85	1.05	0.33	15.9	61.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-68			Date	11-17-2022
Project Name/Location	Ford LTP			Weather	34.0 degrees F and Light Snow. The wind is blowing SW at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.37	Total Depth (ft-bmp)	19.4	Water Column (ft.)	10.03	Gallons in Well	1.63
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.86		--		Sommer Guy
Sample Time:	Label 13:10	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	
	Purge Start 12:25						
	Purge End 13:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:27	0	150	9.43	0.00	8.14	10.23	7.77	1.47	16.1	55.0	Clear, Small Black Particulates, Small White Particulates	No Odor
12:32	5	150	9.43	0.20	7.60	10.61	5.19	0.43	16.6	8.8	Clear, Small White Particulates	No Odor
12:37	5	150	9.43	0.40	7.55	10.63	4.15	0.36	16.4	-11.9	Clear	No Odor
12:42	5	150	9.43	0.60	7.53	10.50	4.27	0.32	16.5	-22.1	Clear	No Odor
12:47	5	150	9.43	0.80	7.53	10.34	0.93	0.30	16.6	-30.3	Clear	No Odor
12:52	5	150	9.43	1.00	7.53	10.14	4.33	0.29	16.3	-35.7	Clear	No Odor
12:57	5	150	9.43	1.20	7.53	10.00	2.64	0.29	16.3	-39.3	Clear	No Odor
13:02	5	150	9.43	1.40	7.52	10.24	2.99	0.28	16.4	-41.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Broken thread tabs,Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-69			Date	11-02-2022
Project Name/Location	Ford LTP			Weather	55 degrees F and cloudy. The wind is blowing at 0 mph, 69% humidity, 29.68 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.68	Total Depth (ft-bmp)	19.92	Water Column (ft.)	10.24	Gallons in Well	1.66
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.61		--		Christian Garrido
Sample Time: Label	11:00	Volume Purged	1.01 gallons	Replicate/Code No.		Sampled by	
Purge Start	10:26						
Purge End	11:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	130	9.68	0.00	7.35	6.92	0.89	0.56	17.8	-121.7	Clear	No Odor
10:35	5	130	9.71	0.17	7.35	6.92	0.41	0.50	17.8	-122.5	Clear	No Odor
10:40	5	120	9.72	0.34	7.34	6.88	0.02	0.35	17.9	-127.0	Clear	No Odor
10:45	5	130	9.73	0.50	7.34	6.84	0.02	0.36	17.8	-129.8	Clear	No Odor
10:50	5	130	9.75	0.67	7.34	6.80	0.02	0.31	17.8	-131.5	Clear	No Odor
10:55	5	130	9.75	0.84	7.34	6.69	0.02	0.27	17.9	-134.2	Clear	No Odor
11:00	5	130	9.75	1.01	7.34	6.67	0.02	0.27	18.0	-135.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-70			Date	11-15-2022
Project Name/Location	Ford LTP			Weather	35 degrees F and Cloudy. The wind is blowing NE at 9 mph. 80% humidity, 30.2 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.74	Total Depth (ft-bmp)	20.7	Water Column (ft.)	9.96	Gallons in Well	1.62
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.59		--		Christian Garrido
Sample Time: Label	10:30	Volume Purged	0.96 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:57						
Purge End	10:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:00	0	120	10.74	0.00	7.20	7.84	10.10	2.46	16.8	-77.3	Clear	No Odor
10:05	5	120	10.77	0.16	7.19	7.82	8.77	0.92	17.0	-75.3	Clear	No Odor
10:10	5	120	10.82	0.32	7.19	7.79	6.43	0.39	16.9	-74.0	Clear	No Odor
10:15	5	120	10.82	0.48	7.17	7.81	0.02	0.26	17.1	-73.1	Clear	No Odor
10:20	5	120	10.84	0.64	7.17	7.80	0.02	0.26	17.1	-73.0	Clear	No Odor
10:25	5	120	10.84	0.80	7.16	7.85	0.02	0.21	17.3	-71.2	Clear	No Odor
10:30	5	120	10.84	0.96	7.16	7.88	0.02	0.22	17.1	-71.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-71			Date	11-11-2022
Project Name/Location	Ford LTP			Weather	57 degrees F and Mostly Clear. The wind is blowing S at 4 mph. 72% humidity, 29.8 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.79	Total Depth (ft-bmp)	20.15	Water Column (ft.)	8.36	Gallons in Well	1.36
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.75		--		Christian Garrido
Sample Time:	Label 10:45	Volume Purged	1.02 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:12						
	Purge End 10:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	130	11.79	0.00	7.08	15.14	1.46	0.45	18.4	-84.5	Clear	No Odor
10:20	5	130	11.82	0.17	7.09	15.17	0.02	0.40	18.4	-85.7	Clear	No Odor
10:25	5	130	11.83	0.34	7.10	15.21	0.02	0.33	18.4	-87.8	Clear	No Odor
10:30	5	130	11.85	0.51	7.12	15.14	0.02	0.23	18.5	-93.7	Clear	No Odor
10:35	5	130	11.86	0.68	7.12	15.00	0.02	0.19	18.4	-95.2	Clear	No Odor
10:40	5	130	11.86	0.85	7.12	14.97	0.02	0.17	18.5	-96.7	Clear	No Odor
10:45	5	130	11.86	1.02	7.12	15.03	0.02	0.16	18.5	-97.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-122			Date	11-10-2022
Project Name/Location		Ford LTP	Weather	72.0 degrees F and Mostly Clear. The wind is blowing S at 12.8 mph. 29% humidity, 30.94 inHg			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.46	Total Depth (ft-bmp)	20.12	Water Column (ft.)	9.66	Gallons in Well	1.57
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.76		--		Sommer Guy
Sample Time: Label	14:05	Volume Purged	1.2 gallons	Replicate/Code No.		Sampled by	
Purge Start	13:28						
Purge End	14:08						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:30	0	150	10.51	0.00	7.10	9.00	11.50	1.68	19.9	-103.0	Clear, Small White Particulates	No Odor
13:35	5	150	10.51	0.20	7.18	8.85	13.00	0.50	18.9	-115.3	Clear, Small White Particulates	No Odor
13:40	5	150	10.51	0.40	7.22	8.91	12.80	0.44	18.9	-119.3	Clear, Small White Particulates	No Odor
13:45	5	150	10.51	0.60	7.25	8.96	7.02	0.34	18.9	-121.9	Clear	No Odor
13:50	5	150	10.51	0.80	7.26	9.00	7.96	0.31	19.0	-123.8	Clear	No Odor
13:55	5	150	10.51	1.00	7.27	9.05	7.30	0.31	18.9	-125.1	Clear	No Odor
14:00	5	150	10.51	1.20	7.28	9.10	7.45	0.27	18.9	-126.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, NE	Well Locked at Arrival:	n/a
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-208S			Date	11-12-2022
Project Name/Location	Ford LTP			Weather	37.9 degrees F and Cloudy. The wind is blowing W/NW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.0-14.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.31	Total Depth (ft-bmp)	13.58	Water Column (ft.)	2.27	Gallons in Well	0.37
		Pump Intake (ft-bmp)	12.81	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.84		--		
Sample Time: Label	11:37	Volume Purged	1.79 gallons	Replicate/Code No.		Sampled by	Christina Weaver
Purge Start	11:02						
Purge End	11:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:06	0	200	11.32	0.00	7.27	17.82	27.80	2.56	11.0	-51.3	Clear, Small Orange Particulates	No Odor
11:11	5	250	11.32	0.26	7.13	14.73	15.40	1.79	13.0	-32.3	Clear, Small Orange Particulates	No Odor
11:16	5	250	11.32	0.59	7.11	14.58	10.85	1.43	13.5	-20.3	Clear, Small Orange Particulates	No Odor
11:21	5	220	11.32	0.92	7.10	14.36	4.60	1.36	13.6	-8.8	Clear	No Odor
11:26	5	220	11.32	1.21	7.10	14.53	2.58	1.09	13.9	1.2	Clear	No Odor
11:31	5	220	11.32	1.50	7.10	14.34	1.85	1.08	13.7	4.3	Clear	No Odor
11:36	5	220	11.32	1.79	7.10	14.49	1.45	1.19	13.5	9.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-209S			Date	11-12-2022
Project Name/Location	Ford LTP			Weather	39.0 degrees F and Light Snow. The wind is blowing W at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.6	Total Depth (ft-bmp)	12.7	Water Column (ft.)	2.1	Gallons in Well	0.34
		Pump Intake (ft-bmp)	12.1	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	8.53		--		
Sample Time: Label	13:47	Volume Purged	2.9 gallons	Replicate/Code No.		Sampled by	Christina Weaver
Purge Start	12:50						
Purge End	13:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:55	0	220	10.61	0.00	7.10	16.00	627.00	1.04	13.0	-41.9	Turbid	No Odor
13:00	5	220	10.62	0.29	7.11	16.55	425.00	0.79	13.1	28.5	Turbid	No Odor
13:05	5	220	10.62	0.58	7.20	16.55	129.00	0.45	13.5	-36.1	Clear, Small Orange Particulates	No Odor
13:10	5	220	10.62	0.87	7.24	16.45	90.30	0.43	12.7	-41.4	Clear, Small Orange Particulates	No Odor
13:15	5	220	10.62	1.16	7.25	16.53	93.20	0.41	13.1	-43.1	Clear	No Odor
13:20	5	220	10.62	1.45	7.27	16.55	60.40	0.30	13.4	-48.8	Clear	No Odor
13:25	5	220	10.62	1.74	7.28	16.45	55.40	0.32	13.5	-50.4	Clear	No Odor
13:30	5	220	10.62	2.03	7.29	16.54	38.90	0.32	13.0	-51.6	Clear	No Odor
13:35	5	220	10.62	2.32	7.30	16.56	30.50	0.34	12.9	-52.0	Clear	No Odor
13:40	5	220	10.62	2.61	7.30	16.57	32.50	0.30	13.1	-53.2	Clear	No Odor
13:45	5	220	10.61	2.90	7.30	16.55	30.30	0.29	13.0	-54.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-210S			Date	11-12-2022
Project Name/Location	Ford LTP			Weather	37.0 degrees F and Cloudy. The wind is blowing W/NW at 10.3 mph. 56% humidity, 29.89 inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.59	Total Depth (ft-bmp)	12.73	Water Column (ft.)	2.14	Gallons in Well	0.35
		Pump Intake (ft-bmp)	12.09	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.43		--		Sommer Guy
Sample Time:	Label 10:50	Volume Purged	1.2 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:09						
	Purge End 10:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:11	0	150	10.61	0.00	7.38	11.27	42.00	1.04	13.7	-38.5	Clear, Small Red Particulates	No Odor
10:16	5	150	10.62	0.20	7.41	11.98	10.30	0.51	15.1	-71.6	Clear, Small White Particulates	No Odor
10:21	5	150	10.62	0.40	7.39	12.25	6.77	0.37	15.6	-76.1	Clear	No Odor
10:26	5	150	10.62	0.60	7.39	12.36	4.77	0.37	15.8	-78.9	Clear	No Odor
10:31	5	150	10.62	0.80	7.39	12.34	2.33	0.36	15.6	-79.6	Clear	No Odor
10:36	5	150	10.62	1.00	7.38	12.31	2.07	0.34	15.8	-79.6	Clear	No Odor
10:41	5	150	10.62	1.20	7.38	12.29	2.16	0.34	15.6	-79.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-211S			Date	11-12-2022
Project Name/Location	Ford LTP	Weather	37 degrees F and Cloudy. The wind is blowing NW at 7 mph. 60% humidity, 29.8 inHg.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7.0-12.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.55	Total Depth (ft-bmp)	11.82	Water Column (ft.)	2.27	Gallons in Well	0.37
		Pump Intake (ft-bmp)	11.05	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.65		--		Christian Garrido
Sample Time: Label	10:00	Volume Purged	1.35 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:18						
Purge End	10:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:20	0	130	9.55	0.00	7.56	9.89	119.00	2.15	16.8	-34.7	Cloudy, Small Orange Particulates	No Odor
09:25	5	138	9.58	0.17	7.55	9.88	89.40	1.08	16.8	-33.3	Cloudy, Small Orange Particulates	No Odor
09:30	5	120	9.58	0.35	7.51	10.00	58.30	0.58	15.7	-50.7	Clear, Small Orange Particulates	No Odor
09:35	5	120	9.58	0.51	7.51	10.00	38.20	0.60	15.3	-51.0	Clear, Small Orange Particulates	No Odor
09:40	5	120	9.59	0.67	7.52	9.98	4.87	0.30	17.5	-81.5	Clear	No Odor
09:45	5	130	9.59	0.83	7.50	9.98	3.14	0.27	17.6	-75.1	Clear	No Odor
09:50	5	130	9.60	1.00	7.48	9.98	2.49	0.26	17.7	-69.0	Clear	No Odor
09:55	5	138	9.62	1.17	7.47	9.99	2.06	0.25	17.7	-64.4	Clear	No Odor
10:00	5	130	9.62	1.35	7.47	9.99	0.02	0.22	17.6	-59.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-212S			Date	11-12-2022
Project Name/Location	Ford LTP		Weather	37 degrees F and Cloudy. The wind is blowing W at 10 mph. 60% humidity, 29.9 inHg.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-11.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.16	Total Depth (ft-bmp)	11.13	Water Column (ft.)	1.97	Gallons in Well	0.32
		Pump Intake (ft-bmp)	10.66	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.13		--		Christian Garrido
Sample Time: Label	11:45	Volume Purged	1.0 gallons	Replicate/Code No.		Sampled by	
Purge Start	11:13						
Purge End	11:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:15	0	130	9.16	0.00	7.13	9.56	148.00	0.40	17.0	-30.6	Cloudy, Small Orange Particulates	No Odor
11:20	5	130	9.19	0.17	7.13	9.58	103.00	0.40	17.2	-30.2	Cloudy, Small Orange Particulates	No Odor
11:25	5	130	9.17	0.34	7.15	9.29	53.20	0.30	17.2	-45.4	Clear, Small Orange Particulates	No Odor
11:30	5	120	9.16	0.51	7.17	8.93	3.14	0.27	17.2	-45.2	Clear	No Odor
11:35	5	130	9.22	0.67	7.20	8.76	3.16	0.23	17.2	-37.2	Clear	No Odor
11:40	5	120	9.21	0.84	7.23	8.64	0.64	0.19	17.4	-30.2	Clear	No Odor
11:45	5	130	9.21	1.00	7.24	8.62	0.02	0.18	17.5	-28.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-213S			Date	11-12-2022
Project Name/Location	Ford LTP			Weather	36.0 degrees F and Cloudy. The wind is blowing NW at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.0-11.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.9	Total Depth (ft-bmp)	10.82	Water Column (ft.)	1.92	Gallons in Well	0.31
		Pump Intake (ft-bmp)	10.4	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.84		--		Gary Schafer
Sample Time:	Label 09:51	Volume Purged	1.19 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:13						
	Purge End 10:01						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:15	0	125	8.93	0.00	7.22	6.54	78.90	0.56	16.5	-51.0	Brown, Turbid	No Odor
09:20	5	125	8.93	0.17	7.22	6.62	23.60	0.42	16.5	-60.3	Turbid	No Odor
09:25	5	125	8.93	0.34	7.21	6.69	15.10	0.35	16.6	-62.9	Clear	No Odor
09:30	5	125	8.93	0.51	7.22	6.78	8.88	0.33	16.7	-67.1	Clear	No Odor
09:35	5	125	8.93	0.68	7.21	6.79	6.36	0.32	16.6	-67.6	Clear	No Odor
09:40	5	125	8.93	0.85	7.22	6.81	4.81	0.31	16.7	-69.9	Clear	No Odor
09:45	5	125	8.93	1.02	7.22	6.81	3.98	0.30	16.6	-70.5	Clear	No Odor
09:50	5	125	8.93	1.19	7.22	6.82	3.29	0.28	16.7	-71.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-218S			Date	11-17-2022
Project Name/Location	Ford LTP	Weather	34.0 degrees F and Light Snow. The wind is blowing SW at 13 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.0-14.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.45	Total Depth (ft-bmp)	13.2	Water Column (ft.)	1.75	Gallons in Well	0.28
		Pump Intake (ft-bmp)	12.95	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5		--		Sommer Guy
Sample Time:	Label 14:10	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	
	Purge Start 13:27						
	Purge End 14:11						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:28	0	150	11.48	0.00	7.25	1.93	1.00	2.23	11.6	-41.1	Clear	No Odor
13:33	5	150	11.48	0.20	7.04	1.87	1.16	1.97	12.4	-24.7	Clear	No Odor
13:38	5	150	11.48	0.40	6.99	1.96	0.02	0.73	13.2	-15.6	Clear	No Odor
13:43	5	150	11.48	0.60	7.01	2.09	0.31	0.62	13.1	-10.1	Clear	No Odor
13:48	5	150	11.48	0.80	7.02	2.15	1.41	0.64	13.0	-6.0	Clear	No Odor
13:53	5	150	11.48	1.00	7.03	2.17	0.99	0.68	13.0	-2.1	Clear	No Odor
13:58	5	150	11.48	1.20	7.03	2.19	0.84	0.72	13.0	1.3	Clear	No Odor
14:03	5	150	11.48	1.40	7.03	2.20	0.75	0.74	13.1	3.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, SE	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	MW-219S			Date	11-09-2022
Project Name/Location	Ford LTP			Weather	63.0 degrees F and Partly Cloudy. The wind is blowing S/SW at 9.2 mph. 27% humidity, 30.29 inHg		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7.0-12.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.71	Total Depth (ft-bmp)	11.28	Water Column (ft.)	3.57	Gallons in Well	0.58
		Pump Intake (ft-bmp)	9.21	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.07		--		Sommer Guy
Sample Time: Label	14:25	Volume Purged	1.2 gallons	Replicate/Code No.		Sampled by	
Purge Start	13:45						
Purge End	14:27						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:47	0	150	7.77	0.00	7.51	37.87	127.00	1.93	17.2	-3.9	Clear, Cloudy, Small White Particulates	No Odor
13:52	5	150	7.77	0.20	7.48	4.16	84.80	0.86	16.3	-9.5	Clear, Small White Particulates	No Odor
13:57	5	150	7.77	0.40	7.54	4.26	48.60	0.80	16.2	-23.1	Clear, Small White Particulates	No Odor
14:02	5	150	7.77	0.60	7.57	43.10	34.40	0.79	16.2	-23.2	Clear, Small White Particulates	No Odor
14:07	5	150	7.77	0.80	7.60	4.34	29.80	0.77	16.2	-21.2	Clear, Small White Particulates	No Odor
14:12	5	150	7.77	1.00	7.62	4.35	29.30	0.81	16.3	-18.1	Clear, Small White Particulates	No Odor
14:17	5	150	7.77	1.20	7.64	4.36	27.70	0.82	16.3	-14.6	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.401.01	Well ID	PW-16-01			Date	11-14-2022
Project Name/Location	Ford LTP			Weather	41 degrees F and Cloudy. The wind is blowing S/SW at 5 mph. 38% humidity, 30.4 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.7-19.7	Casing Diameter (in.)	6	Well Material	PVC
Static Water Level (ft-bmp)	8.36	Total Depth (ft-bmp)	21.44	Water Column (ft.)	13.08	Gallons in Well	19.13
		Pump Intake (ft-bmp)	14.7	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.05		--		Christian Garrido
Sample Time: Label	12:40	Volume Purged	1.02 gallons	Replicate/Code No.		Sampled by	
Purge Start	12:05						
Purge End	12:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:10	0	130	8.36	0.00	7.41	6.15	18.50	0.64	17.1	-114.3	Clear	No Odor
12:15	5	130	8.38	0.17	7.40	6.19	12.40	0.45	17.2	-115.2	Clear	No Odor
12:20	5	130	8.37	0.34	7.39	6.20	0.02	0.24	17.2	-119.2	Clear	No Odor
12:25	5	130	8.38	0.51	7.39	6.19	0.02	0.20	17.2	-120.5	Clear	No Odor
12:30	5	130	8.38	0.68	7.39	6.20	0.02	0.17	17.3	-122.3	Clear	No Odor
12:35	5	130	8.38	0.85	7.39	6.20	0.02	0.17	17.2	-122.9	Clear	No Odor
12:40	5	130	8.38	1.02	7.39	6.19	0.02	0.15	17.2	-123.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-88S			Date	11-17-2022
Project Name/Location	Ford LTP			Weather	33.1 degrees F and Mostly Cloudy. The wind is blowing W/SW at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.06	Total Depth (ft-bmp)	12.86	Water Column (ft.)	3.8	Gallons in Well	0.62
		Pump Intake (ft-bmp)	10.56	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.19		--		
Sample Time: Label	12:06	Volume Purged	1.36 gallons	Replicate/Code No.		Sampled by	Gary Schafer
Purge Start	11:23						
Purge End	12:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:25	0	125	9.08	0.00	7.92	0.20	4.39	2.90	12.7	11.3	Clear	No Odor
11:30	5	125	9.08	0.17	8.46	0.17	2.82	1.85	13.1	-4.7	Clear	No Odor
11:35	5	125	9.08	0.34	9.04	0.16	1.79	1.45	13.1	-6.3	Clear	No Odor
11:40	5	125	9.08	0.51	9.42	0.16	1.50	1.12	13.2	-8.9	Clear	No Odor
11:45	5	125	9.08	0.68	9.50	0.15	1.09	0.86	13.4	-17.8	Clear	No Odor
11:50	5	125	9.08	0.85	9.51	0.15	1.20	0.83	13.4	-18.3	Clear	No Odor
11:55	5	125	9.08	1.02	9.52	0.15	0.83	0.74	13.3	-23.5	Clear	No Odor
12:00	5	125	9.08	1.19	9.55	0.15	0.80	0.69	13.2	-23.2	Clear	No Odor
12:05	5	125	9.08	1.36	9.55	0.15	0.70	0.67	13.2	-26.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34965 Wadsworth; south side of fence	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-89S			Date	11-17-2022
Project Name/Location		Ford LTP	Weather	34 degrees F and Cloudy. The wind is blowing W/SW at 12 mph. 70% humidity, 30.1 inHg.			
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		6.11	Total Depth (ft-bmp)	12.6	Water Column (ft.)	6.49	Gallons in Well	1.05
			Pump Intake (ft-bmp)	7.61	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	2.23		--		
Sample Time:	Label	10:45	Volume Purged	2.34 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start	09:57						
	Purge End	10:48						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:58	0	200	6.15	0.00	7.91	3.36	0.19	1.15	12.8	208.4	Clear, Small Orange Particulates	No Odor
10:03	5	200	6.15	0.26	7.17	4.56	0.02	0.41	13.1	199.1	Clear, Small Orange Particulates	No Odor
10:08	5	200	6.15	0.52	7.15	4.97	0.02	0.25	13.3	179.5	Clear	No Odor
10:13	5	200	6.15	0.78	7.16	5.20	0.02	0.23	13.3	123.3	Clear	No Odor
10:18	5	200	6.15	1.04	7.17	5.31	0.02	0.19	13.4	55.4	Clear	No Odor
10:23	5	200	6.15	1.30	7.18	5.32	0.02	0.19	13.4	15.8	Clear	No Odor
10:28	5	200	6.15	1.56	7.18	5.43	0.02	0.16	13.4	-8.3	Clear	No Odor
10:33	5	200	6.15	1.82	7.19	5.40	0.02	0.16	13.3	-20.5	Clear	No Odor
10:38	5	200	6.15	2.08	7.18	5.45	0.02	0.15	13.4	-28.3	Clear	No Odor
10:43	5	200	6.15	2.34	7.18	5.46	0.02	0.17	13.4	-30.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34940 Beacon; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-90S			Date	11-18-2022
Project Name/Location		Ford LTP	Weather	32 degrees F and Cloudy. The wind is blowing SW at 18 mph, 61% humidity, 30.04 inHg.			
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		6.38	Total Depth (ft-bmp)	12.15	Water Column (ft.)	5.77	Gallons in Well	0.94
			Pump Intake (ft-bmp)	7.88	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	1.55		--		
Sample Time:	Label	12:40	Volume Purged	1.46 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start	12:04						
	Purge End	12:42						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:05	0	180	6.55	0.00	7.01	1.20	16.10	0.73	13.8	-18.0	Clear, Small Orange Particulates	No Odor
12:10	5	200	6.74	0.24	7.02	1.25	8.43	0.30	14.4	-87.5	Clear	No Odor
12:15	5	180	7.01	0.50	7.03	1.27	4.99	0.23	14.6	-94.3	Clear	No Odor
12:20	5	180	7.14	0.74	7.03	1.26	4.02	0.20	14.5	-95.6	Clear	No Odor
12:25	5	180	7.35	0.98	7.04	1.27	1.32	0.18	14.6	-99.0	Clear	No Odor
12:30	5	180	7.57	1.22	7.05	1.27	4.24	0.18	14.7	-101.4	Clear	No Odor
12:35	5	180	7.78	1.46	7.06	1.26	2.00	0.16	14.7	-105.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34380 Capitol; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-91S			Date	11-08-2022
Project Name/Location	Ford LTP			Weather	52.0 degrees F and Mostly Clear. The wind is blowing E/NE at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.9	Total Depth (ft-bmp)	11.96	Water Column (ft.)	5.06	Gallons in Well	0.82
		Pump Intake (ft-bmp)	8.4	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.71		--		Leticia Ferreira
Sample Time:	Label 14:51	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	
	Purge Start 14:19						
	Purge End 14:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:20	0	300	6.95	0.00	7.18	1.08	36.60	0.76	14.8	-0.5	Clear	No Odor
14:25	5	150	6.95	0.40	7.17	1.13	18.40	0.59	14.8	-32.2	Clear	No Odor
14:30	5	150	6.96	0.60	7.19	1.21	12.20	0.60	14.8	-49.2	Clear	No Odor
14:35	5	150	6.96	0.80	7.23	1.25	10.10	0.68	14.9	-59.0	Clear	No Odor
14:40	5	150	6.96	1.00	7.24	1.28	5.85	0.55	14.9	-70.4	Clear	No Odor
14:45	5	150	6.96	1.20	7.25	1.29	5.90	0.56	15.0	-72.1	Clear	No Odor
14:50	5	150	6.96	1.40	7.25	1.30	6.00	0.56	14.9	-76.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12034 Brewster; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-92S			Date	11-08-2022
Project Name/Location	Ford LTP			Weather	51.1 degrees F and Partly Cloudy. The wind is blowing E/NE at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.09	Total Depth (ft-bmp)	12.08	Water Column (ft.)	4.99	Gallons in Well	0.81
		Pump Intake (ft-bmp)	8.59	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.73		--		
Sample Time:	Label 13:52	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	Leticia Ferreira
	Purge Start 13:20						
	Purge End 13:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:21	0	300	7.10	0.00	7.40	0.65	6.83	1.11	16.5	-13.0	Clear	No Odor
13:26	5	150	7.11	0.40	7.40	0.67	2.01	0.73	17.2	-26.7	Clear	No Odor
13:31	5	150	7.11	0.60	7.36	0.82	1.20	0.56	17.2	-32.6	Clear	No Odor
13:36	5	150	7.11	0.80	7.32	0.91	0.80	0.50	17.3	-39.4	Clear	No Odor
13:41	5	150	7.11	1.00	7.28	1.00	0.33	0.58	17.2	-57.8	Clear	No Odor
13:46	5	150	7.11	1.20	7.27	1.01	0.07	0.58	17.3	-58.4	Clear	No Odor
13:51	5	150	7.11	1.40	7.26	1.01	0.18	0.56	17.3	-62.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12036 Brewster;front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-93S			Date	11-09-2022
Project Name/Location		Ford LTP	Weather	53.1 degrees F and Partly Cloudy. The wind is blowing S at 8.1 mph.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.68	Total Depth (ft-bmp)	12.01	Water Column (ft.)	4.33	Gallons in Well	0.7
		Pump Intake (ft-bmp)	9.18	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.4		--		
Sample Time: Label	11:50	Volume Purged	1.68 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	11:00						
Purge End	11:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:02	0	160	7.70	0.00	7.52	0.99	0.02	0.77	14.2	156.0	Clear	No Odor
11:07	5	160	7.70	0.21	7.45	1.02	0.02	0.37	14.1	132.7	Clear	No Odor
11:12	5	160	7.70	0.42	7.41	1.05	0.02	0.35	14.1	52.8	Clear	No Odor
11:17	5	160	7.70	0.63	7.42	1.07	0.02	0.42	14.1	-23.5	Clear	No Odor
11:22	5	160	7.70	0.84	7.45	1.08	0.02	0.36	14.2	-52.5	Clear	No Odor
11:27	5	160	7.70	1.05	7.45	1.08	0.02	0.34	14.3	-58.9	Clear	No Odor
11:32	5	160	7.70	1.26	7.49	1.09	0.02	0.32	14.8	-68.6	Clear	No Odor
11:37	5	160	7.70	1.47	7.52	1.09	0.02	0.30	14.9	-74.7	Clear	No Odor
11:42	5	160	7.70	1.68	7.51	1.09	0.02	0.26	15.0	-77.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11775 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-94S			Date	11-16-2022
Project Name/Location	Ford LTP			Weather	37.0 degrees F and Mostly Cloudy. The wind is blowing W at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.83	Total Depth (ft-bmp)	12.21	Water Column (ft.)	4.38	Gallons in Well	0.71
		Pump Intake (ft-bmp)	9.33	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.68		--		Gary Schafer
Sample Time:	Label 11:31	Volume Purged	1.19 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:53						
	Purge End 11:46						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:55	0	125	7.85	0.00	7.47	0.68	2.77	1.19	13.5	105.2	Clear	No Odor
11:00	5	125	7.83	0.17	7.47	0.69	2.30	0.80	13.5	92.3	Clear	No Odor
11:05	5	125	7.84	0.34	7.40	0.72	1.58	0.66	13.6	92.6	Clear	No Odor
11:10	5	125	7.84	0.51	7.45	0.74	1.62	0.57	13.6	91.0	Clear	No Odor
11:15	5	125	7.84	0.68	7.45	0.75	1.24	0.54	13.6	89.2	Clear	No Odor
11:20	5	125	7.84	0.85	7.45	0.77	0.94	0.48	13.7	86.8	Clear	No Odor
11:25	5	125	7.84	1.02	7.46	0.78	0.82	0.47	13.7	84.7	Clear	No Odor
11:30	5	125	7.84	1.19	7.47	0.79	0.76	0.45	13.7	82.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11680 Boston Post; north side	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-95S			Date	11-09-2022
Project Name/Location		Ford LTP	Weather	53.1 degrees F and Partly Cloudy. The wind is blowing S at 8.1 mph.			
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		5.97	Total Depth (ft-bmp)	12	Water Column (ft.)	6.03	Gallons in Well	0.98
			Pump Intake (ft-bmp)	7.47	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	1.04		--		
Sample Time:	Label	11:01	Volume Purged	1.02 gallons	Replicate/Code No.		Sampled by	Gary Schafer
	Purge Start	10:28						
	Purge End	11:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	125	5.98	0.00	7.05	6.25	3.07	1.46	14.4	-66.0	Clear	No Odor
10:35	5	125	5.98	0.17	7.07	6.22	3.38	0.55	14.4	-80.5	Clear	No Odor
10:40	5	125	5.98	0.34	7.06	6.13	2.63	0.40	14.5	-83.8	Clear	No Odor
10:45	5	125	5.98	0.51	7.05	6.06	2.93	0.38	14.5	-84.0	Clear	No Odor
10:50	5	125	5.98	0.68	7.05	5.98	2.14	0.24	14.5	-84.1	Clear	No Odor
10:55	5	125	5.98	0.85	7.04	5.90	2.08	0.24	14.5	-81.7	Clear	No Odor
11:00	5	125	5.98	1.02	7.03	5.89	1.37	0.23	14.5	-80.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12131 Boston Post; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-103S			Date	11-18-2022
Project Name/Location	Ford LTP			Weather	32 degrees F and Light Snow. The wind is blowing W at 17 mph, 64% humidity, 30.03 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.92	Total Depth (ft-bmp)	6.8	Water Column (ft.)	1.88	Gallons in Well	0.31
		Pump Intake (ft-bmp)	6.42	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.77		DUP-09		
Sample Time: Label	13:40	Volume Purged	1.48 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	13:06						
Purge End	13:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:08	0	200	4.95	0.00	7.17	1.58	3.76	0.53	13.0	-15.5	Clear, Small Orange Particulates	No Odor
13:13	5	200	4.95	0.26	7.18	1.59	3.31	0.29	13.5	-51.2	Clear	No Odor
13:18	5	180	4.95	0.52	7.18	1.54	2.22	0.29	13.7	-65.7	Clear	No Odor
13:23	5	180	4.95	0.76	7.19	1.52	0.02	0.30	13.7	-72.6	Clear	No Odor
13:28	5	180	4.95	1.00	7.19	1.51	0.02	0.49	13.7	-70.9	Clear	No Odor
13:33	5	180	4.95	1.24	7.19	1.52	0.02	0.49	13.8	-68.2	Clear	No Odor
13:38	5	180	4.95	1.48	7.19	1.52	0.02	0.48	13.7	-66.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34424 Capitol; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-104S			Date	11-17-2022
Project Name/Location	Ford LTP			Weather	34.0 degrees F and Light Snow. The wind is blowing W/SW at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.0-14.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	13.1	Total Depth (ft-bmp)	14.2	Water Column (ft.)	1.1	Gallons in Well	0.18
		Pump Intake (ft-bmp)	13.6	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.33		--		
Sample Time:	Label 12:35	Volume Purged	0.96 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
	Purge Start 11:59						
	Purge End 12:39						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:00	0	120	13.10	0.00	7.56	0.26	0.02	4.50	10.6	174.8	Clear	No Odor
12:05	5	120	13.15	0.16	8.07	0.25	0.02	3.52	11.4	146.5	Clear	No Odor
12:10	5	120	13.19	0.32	8.12	0.25	0.02	2.26	12.3	144.3	Clear	No Odor
12:15	5	120	13.20	0.48	8.09	0.25	0.02	1.98	12.4	146.2	Clear	No Odor
12:20	5	120	13.20	0.64	8.02	0.26	0.02	1.92	12.4	150.3	Clear	No Odor
12:25	5	120	13.20	0.80	8.01	0.26	0.02	1.94	12.6	150.6	Clear	No Odor
12:30	5	120	13.20	0.96	8.00	0.26	0.02	1.90	12.6	150.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34900 Standish	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-109S			Date	11-15-2022
Project Name/Location		Ford LTP		Weather	36 degrees F and Overcast. The wind is blowing NE at 8 mph. 75% humidity, 30.2 inHg.		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		8.05	Total Depth (ft-bmp)	12.35	Water Column (ft.)	4.3	Gallons in Well	0.7
			Pump Intake (ft-bmp)	9.55	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	2.23		--		
Sample Time:	Label	12:20	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start	11:45						
	Purge End	12:22						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:46	0	200	8.08	0.00	7.14	5.42	0.02	0.60	14.1	121.5	Clear, Small Red Particulates	No Odor
11:51	5	200	8.08	0.26	7.06	6.51	0.02	0.28	14.5	6.7	Clear	No Odor
11:56	5	200	8.08	0.52	7.07	6.84	0.02	0.18	14.5	33.1	Clear	No Odor
12:01	5	200	8.08	0.78	7.08	6.87	0.02	0.15	14.6	42.5	Clear	No Odor
12:06	5	200	8.08	1.04	7.08	6.90	0.02	0.16	14.6	48.5	Clear	No Odor
12:11	5	200	8.08	1.30	7.09	6.86	0.02	0.16	14.6	51.3	Clear	No Odor
12:16	5	200	8.08	1.56	7.09	6.84	0.02	0.17	14.7	53.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34990 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-110S			Date	11-07-2022
Project Name/Location	Ford LTP			Weather	55.9 degrees F and Clear. The wind is blowing W/NW at 16.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.6	Total Depth (ft-bmp)	12.68	Water Column (ft.)	1.08	Gallons in Well	0.18
		Pump Intake (ft-bmp)	12.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.33		--		Samantha Hindle
Sample Time:	Label 13:20	Volume Purged	0.96 gallons	Replicate/Code No.		Sampled by	
	Purge Start 12:40						
	Purge End 13:22						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:42	0	120	11.70	0.00	7.59	0.28	113.00	4.80	16.1	116.5	Turbid	No Odor
12:47	5	120	11.80	0.16	7.21	0.26	42.80	3.98	14.9	126.2	Turbid	No Odor
12:52	5	120	11.88	0.32	7.32	0.26	28.60	2.91	15.1	123.6	Clear	No Odor
12:57	5	120	11.90	0.48	7.36	0.25	15.70	2.82	15.0	123.3	Clear	No Odor
13:02	5	120	11.90	0.64	7.44	0.25	3.88	2.61	15.0	121.1	Clear	No Odor
13:07	5	120	11.90	0.80	7.45	0.25	4.06	2.66	14.9	121.1	Clear	No Odor
13:12	5	120	11.90	0.96	7.45	0.24	3.21	2.55	15.2	122.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34850 Standish St	Well Locked at Arrival:	yes
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-111S			Date	11-07-2022
Project Name/Location	Ford LTP			Weather	54.0 degrees F and Clear. The wind is blowing W at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.05	Total Depth (ft-bmp)	12.67	Water Column (ft.)	2.62	Gallons in Well	0.43
		Pump Intake (ft-bmp)	11.55	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.4		--		
Sample Time:	Label 12:29	Volume Purged	1.46 gallons	Replicate/Code No.		Sampled by	Leticia Ferreira
	Purge Start 11:56						
	Purge End 12:33						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:58	0	300	10.10	0.00	7.09	0.78	2.77	0.95	15.3	-41.3	Clear	No Odor
12:03	5	200	10.11	0.40	7.02	0.77	2.72	0.81	15.3	-43.3	Clear	No Odor
12:08	5	150	10.11	0.66	6.90	0.75	4.31	0.98	15.2	-40.9	Clear	No Odor
12:13	5	150	10.11	0.86	6.97	0.71	2.63	1.23	15.3	-40.8	Clear	No Odor
12:18	5	150	10.10	1.06	7.05	0.66	1.32	1.34	15.4	-39.8	Clear	No Odor
12:23	5	150	10.10	1.26	7.09	0.66	1.05	1.30	15.3	-40.0	Clear	No Odor
12:28	5	150	10.10	1.46	7.11	0.67	0.73	1.32	15.2	-40.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12051 Stark; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-112S			Date	11-15-2022
Project Name/Location		Ford LTP		Weather	37.9 degrees F and Cloudy. The wind is blowing E/NE at 11.4 mph.		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		9.5	Total Depth (ft-bmp)	11.61	Water Column (ft.)	2.11	Gallons in Well	0.34
			Pump Intake (ft-bmp)	11	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	4.85		--		
Sample Time:	Label	13:40	Volume Purged	1.65 gallons	Replicate/Code No.		Sampled by	Leticia Ferreira
	Purge Start	12:58						
	Purge End	13:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:59	0	300	9.53	0.00	7.33	0.45	92.60	1.96	12.0	-17.1	Clear, Small Brown Particulates	No Odor
13:04	5	120	9.52	0.40	7.40	0.44	165.00	2.01	11.7	-50.6	Clear, Small Brown Particulates	No Odor
13:09	5	120	9.52	0.56	7.50	0.43	101.00	3.16	11.8	-49.4	Clear, Small Brown Particulates	No Odor
13:14	5	100	9.53	0.72	7.49	0.43	24.90	3.29	11.6	-40.1	Clear, Small Brown Particulates	No Odor
13:19	5	150	9.53	0.85	7.46	0.42	42.20	3.74	13.0	-32.1	Clear, Small Brown Particulates	No Odor
13:24	5	150	9.55	1.05	7.45	0.42	38.40	3.56	13.0	-29.1	Clear, Small Brown Particulates	No Odor
13:29	5	150	9.54	1.25	7.47	0.42	2.98	3.74	12.9	-30.6	Clear, Small Brown Particulates	No Odor
13:34	5	150	9.54	1.45	7.46	0.42	1.94	3.66	12.8	-28.8	Clear, Small Brown Particulates	No Odor
13:39	5	150	9.54	1.65	7.44	0.42	1.29	3.85	13.0	-28.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34935 Wadsworth; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-115S			Date	11-08-2022
Project Name/Location	Ford LTP			Weather	46.9 degrees F and Mostly Cloudy. The wind is blowing NE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.92	Total Depth (ft-bmp)	12.52	Water Column (ft.)	5.6	Gallons in Well	0.91
		Pump Intake (ft-bmp)	8.42	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.12		DUP-12		
Sample Time: Label	11:36	Volume Purged	1.02 gallons	Replicate/Code No.		Sampled by	Gary Schafer
Purge Start	11:03						
Purge End	11:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	125	6.93	0.00	7.14	2.39	3.09	0.76	15.9	35.3	Clear	No Odor
11:10	5	125	6.93	0.17	7.26	2.34	1.75	0.43	15.7	-6.9	Clear	No Odor
11:15	5	125	6.93	0.34	7.24	2.43	2.23	0.32	15.9	-26.6	Clear	No Odor
11:20	5	125	6.93	0.51	7.23	2.44	2.32	0.30	16.0	-28.8	Clear	No Odor
11:25	5	125	6.93	0.68	7.20	2.42	1.56	0.27	15.7	-34.4	Clear	No Odor
11:30	5	125	6.93	0.85	7.20	2.44	1.12	0.23	15.8	-35.1	Clear	No Odor
11:35	5	125	6.93	1.02	7.20	2.44	0.95	0.23	15.8	-39.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12070 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-116S			Date	11-15-2022
Project Name/Location		Ford LTP	Weather	37.0 degrees F and Cloudy. The wind is blowing E/NE at 16.1 mph.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.63	Total Depth (ft-bmp)	12.79	Water Column (ft.)	2.16	Gallons in Well	0.35
		Pump Intake (ft-bmp)	12.13	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.89		--		
Sample Time:	Label 11:32	Volume Purged	1.36 gallons	Replicate/Code No.		Sampled by	Leticia Ferreira
	Purge Start 10:55						
	Purge End 11:36						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:56	0	300	10.70	0.00	7.50	0.44	28.80	1.43	11.7	48.5	Clear, Small Brown Particulates	No Odor
11:01	5	120	10.67	0.40	7.60	0.44	17.10	1.10	11.7	24.9	Clear, Small Brown Particulates	No Odor
11:06	5	120	10.66	0.56	7.64	0.44	15.90	0.81	11.7	2.7	Clear, Small Brown Particulates	No Odor
11:11	5	120	10.66	0.72	7.61	0.43	14.50	0.62	12.0	-35.4	Clear, Small Brown Particulates	No Odor
11:16	5	120	10.67	0.88	7.61	0.42	4.94	0.56	12.3	-36.5	Clear	No Odor
11:21	5	120	10.67	1.04	7.61	0.41	0.02	0.57	12.2	-36.4	Clear	No Odor
11:26	5	120	10.67	1.20	7.60	0.41	0.02	0.56	12.4	-36.2	Clear	No Odor
11:31	5	120	10.69	1.36	7.59	0.41	0.02	0.54	12.4	-36.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34851 Wadsworth; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-117S			Date	11-09-2022
Project Name/Location	Ford LTP			Weather	53.1 degrees F and Partly Cloudy. The wind is blowing S at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.78	Total Depth (ft-bmp)	12.42	Water Column (ft.)	3.64	Gallons in Well	0.59
		Pump Intake (ft-bmp)	10.28	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.73		--		Gary Schafer
Sample Time:	Label 12:26	Volume Purged	1.02 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:53						
	Purge End 12:37						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:55	0	125	8.80	0.00	7.28	2.51	5.10	0.57	13.9	-49.0	Clear	No Odor
12:00	5	125	8.80	0.17	7.25	2.53	9.30	0.40	13.9	-54.1	Clear	No Odor
12:05	5	125	8.80	0.34	7.25	2.52	4.37	0.26	13.9	-58.8	Clear	No Odor
12:10	5	125	8.80	0.51	7.25	2.56	3.44	0.23	14.0	-62.0	Clear	No Odor
12:15	5	125	8.80	0.68	7.25	2.55	3.01	0.22	14.0	-64.2	Clear	No Odor
12:20	5	125	8.80	0.85	7.25	2.56	3.04	0.18	14.0	-66.6	Clear	No Odor
12:25	5	125	8.80	1.02	7.25	2.56	2.82	0.17	14.0	-66.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12089 Boston Post; north side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-118S			Date	11-08-2022
Project Name/Location	Ford LTP			Weather	52.0 degrees F and Mostly Clear. The wind is blowing E/NE at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.58	Total Depth (ft-bmp)	12.4	Water Column (ft.)	4.82	Gallons in Well	0.78
		Pump Intake (ft-bmp)	9.08	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.74		--		
Sample Time:	Label 14:26	Volume Purged	1.36 gallons	Replicate/Code No.		Sampled by	Gary Schafer
	Purge Start 13:43						
	Purge End 14:33						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:45	0	125	7.60	0.00	7.05	2.20	5.73	1.22	14.9	-17.0	Clear	No Odor
13:50	5	125	7.60	0.17	7.02	2.55	3.51	0.42	15.1	-25.2	Clear	No Odor
13:55	5	125	7.60	0.34	7.01	2.71	3.58	0.31	15.1	-38.1	Clear	No Odor
14:00	5	125	7.60	0.51	7.01	2.78	1.56	0.24	15.1	-42.4	Clear	No Odor
14:05	5	125	7.60	0.68	7.01	2.95	1.13	0.22	15.0	-48.7	Clear	No Odor
14:10	5	125	7.60	0.85	7.01	3.00	0.71	0.21	15.0	-54.1	Clear	No Odor
14:15	5	125	7.60	1.02	7.01	3.08	0.50	0.21	15.0	-58.5	Clear	No Odor
14:20	5	125	7.60	1.19	7.02	3.10	0.57	0.22	15.0	-61.1	Clear	No Odor
14:25	5	125	7.60	1.36	7.02	3.12	0.76	0.22	15.0	-62.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12124 Boston Post front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-119S			Date	11-08-2022
Project Name/Location	Ford LTP	Weather	40 degrees F and Cloudy. The wind is blowing E/NE at 5 mph, 61% humidity, 30.73 inHg.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7	Total Depth (ft-bmp)	12.31	Water Column (ft.)	5.31	Gallons in Well	0.86
		Pump Intake (ft-bmp)	8.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.56		--		
Sample Time: Label	11:08	Volume Purged	2.2 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	10:02						
Purge End	11:11						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:07	0	150	7.00	0.00	7.36	0.48	2.10	0.40	14.0	153.4	Clear	No Odor
10:12	5	150	7.00	0.20	7.33	0.70	0.02	0.28	14.3	133.2	Clear	No Odor
10:17	5	150	7.00	0.40	7.30	0.85	0.02	0.23	14.3	78.9	Clear	No Odor
10:22	5	150	7.00	0.60	7.28	0.92	0.02	0.20	14.2	48.2	Clear	No Odor
10:27	5	150	7.00	0.80	7.26	1.12	0.02	0.20	14.3	17.0	Clear	No Odor
10:32	5	150	7.00	1.00	7.25	1.24	0.02	0.20	14.5	-8.7	Clear	No Odor
10:37	5	150	7.00	1.20	7.26	1.31	0.02	0.18	14.5	-24.6	Clear	No Odor
10:42	5	150	7.00	1.40	7.26	1.38	0.02	0.18	14.4	-36.8	Clear	No Odor
10:47	5	150	7.00	1.60	7.26	1.41	0.02	0.15	14.4	-45.0	Clear	No Odor
10:52	5	150	7.00	1.80	7.25	1.43	0.02	0.16	14.5	-50.5	Clear	No Odor
10:57	5	150	7.00	2.00	7.21	1.43	0.02	0.41	14.6	-52.4	Clear	No Odor
11:02	5	150	7.00	2.20	7.25	1.45	0.02	0.20	14.5	-55.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12034 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-121S			Date	11-07-2022
Project Name/Location	Ford LTP			Weather	57.9 degrees F and Clear. The wind is blowing NW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.1	Total Depth (ft-bmp)	12.09	Water Column (ft.)	3.99	Gallons in Well	0.65
		Pump Intake (ft-bmp)	9.6	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.85		--		
Sample Time:	Label 14:28	Volume Purged	1.2 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
	Purge Start 13:51						
	Purge End 14:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:53	0	150	8.10	0.00	7.05	0.43	9.99	0.75	14.9	147.1	Clear, Yellow	No Odor
13:58	5	150	8.10	0.20	7.07	0.43	5.89	0.59	14.8	146.2	Clear	No Odor
14:03	5	150	8.10	0.40	7.13	0.43	7.04	0.48	14.7	143.6	Clear, Small Brown Particulates	No Odor
14:08	5	150	8.10	0.60	7.14	0.43	4.74	0.45	14.9	142.9	Clear, Small Brown Particulates	No Odor
14:13	5	150	8.10	0.80	7.20	0.43	0.79	0.29	14.9	139.2	Clear	No Odor
14:18	5	150	8.10	1.00	7.20	0.43	0.24	0.25	14.8	139.0	Clear	No Odor
14:23	5	150	8.10	1.20	7.21	0.43	0.18	0.22	14.8	138.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11710 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-123S			Date	11-14-2022
Project Name/Location		Ford LTP		Weather	39.0 degrees F and Mostly Cloudy. The wind is blowing W/SW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.81	Total Depth (ft-bmp)	12.96	Water Column (ft.)	9.15	Gallons in Well	1.49
		Pump Intake (ft-bmp)	5.31	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.94		--		Leticia Ferreira
Sample Time:	Label 14:13	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	
	Purge Start 13:41						
	Purge End 14:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:42	0	300	3.89	0.00	7.12	2.88	48.60	0.59	12.7	9.6	Clear, Small Brown Particulates	No Odor
13:47	5	150	3.89	0.40	7.13	2.91	39.10	0.58	12.5	2.7	Clear, Small Brown Particulates	No Odor
13:52	5	150	3.88	0.60	7.12	2.92	31.90	0.56	12.5	-4.0	Clear, Small Brown Particulates	No Odor
13:57	5	150	3.87	0.80	7.10	2.93	31.50	0.35	12.5	-22.0	Clear, Small Brown Particulates	No Odor
14:02	5	150	3.88	1.00	7.08	2.94	18.00	0.30	12.6	-37.7	Clear, Small White Particulates	No Odor
14:07	5	150	3.88	1.20	7.07	2.94	17.40	0.26	12.7	-41.0	Clear, Small White Particulates	No Odor
14:12	5	150	3.88	1.40	7.07	2.94	16.80	0.25	12.7	-42.5	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12075 Brewster; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-126S			Date	11-07-2022
Project Name/Location	Ford LTP			Weather	46.9 degrees F and Clear. The wind is blowing W/NW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.8	Total Depth (ft-bmp)	12.78	Water Column (ft.)	1.98	Gallons in Well	0.32
		Pump Intake (ft-bmp)	12.3	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.75		--		Samantha Hindle
Sample Time:	Label 10:00	Volume Purged	1.2 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:22						
	Purge End 10:03						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:25	0	150	10.84	0.00	9.70	0.09	29.90	3.32	14.9	157.5	Clear	No Odor
09:30	5	150	10.84	0.20	9.21	0.07	13.80	3.60	15.1	148.0	Clear	No Odor
09:35	5	150	10.84	0.40	8.99	0.07	2.94	3.69	15.2	144.2	Clear, Small Brown Particulates	No Odor
09:40	5	150	10.84	0.60	9.11	0.07	0.08	3.25	15.2	132.7	Clear	No Odor
09:45	5	150	10.84	0.80	9.10	0.07	0.05	3.25	15.3	129.6	Clear	No Odor
09:50	5	150	10.84	1.00	9.12	0.07	0.02	3.24	15.2	125.9	Clear	No Odor
09:55	5	150	10.84	1.20	9.16	0.07	0.02	3.19	15.3	122.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34966 Standish	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-127S			Date	11-08-2022
Project Name/Location	Ford LTP			Weather	46.9 degrees F and Mostly Cloudy. The wind is blowing NE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.02	Total Depth (ft-bmp)	12.3	Water Column (ft.)	8.28	Gallons in Well	1.35
		Pump Intake (ft-bmp)	5.52	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.04		DUP-14		
Sample Time: Label	11:44	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	Leticia Ferreira
Purge Start	11:12						
Purge End	11:51						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:13	0	300	4.13	0.00	6.93	2.20	46.50	0.88	13.8	-48.4	Clear	No Odor
11:18	5	150	4.10	0.40	6.99	2.20	28.50	0.55	13.6	-64.8	Clear, Small Brown Particulates	No Odor
11:23	5	150	4.11	0.60	7.00	2.22	13.80	0.42	13.6	-66.8	Clear, Small Brown Particulates	No Odor
11:28	5	150	4.10	0.80	7.05	2.22	6.56	0.35	13.5	-78.1	Clear, Small Brown Particulates	No Odor
11:33	5	150	4.11	1.00	7.05	2.22	4.28	0.28	13.6	-80.8	Clear, Small Brown Particulates	No Odor
11:38	5	150	4.10	1.20	7.09	2.25	1.22	0.26	13.8	-81.4	Clear	No Odor
11:43	5	150	4.10	1.40	7.10	2.25	2.22	0.24	13.9	-81.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34424 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-143S			Date	11-02-2022
Project Name/Location	Ford LTP			Weather	64.9 degrees F and Mostly Clear. The wind is blowing S at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.49	Total Depth (ft-bmp)	10.1	Water Column (ft.)	0.61	Gallons in Well	0.1
		Pump Intake (ft-bmp)	9.9	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	17		--		Leticia Ferreira
Sample Time:	Label 14:54	Volume Purged	1.7 gallons	Replicate/Code No.		Sampled by	
	Purge Start 14:21						
	Purge End 14:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:23	0	300	9.72	0.00	6.76	0.57	145.00	2.54	16.4	79.5	Clear	No Odor
14:28	5	200	9.65	0.40	6.80	0.56	27.20	1.89	16.5	55.0	Clear	No Odor
14:33	5	200	9.67	0.66	6.91	0.56	3.79	1.80	16.5	5.0	Clear	No Odor
14:38	5	200	9.67	0.92	6.96	0.56	1.01	1.53	16.5	41.2	Clear	No Odor
14:43	5	200	9.68	1.18	7.02	0.55	0.46	1.30	16.5	17.8	Clear	No Odor
14:48	5	200	9.68	1.44	7.07	0.55	0.21	1.33	16.4	17.0	Clear	No Odor
14:53	5	200	9.68	1.70	7.07	0.55	0.02	1.38	16.3	13.5	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12069 Stark	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-144S			Date	11-02-2022
Project Name/Location	Ford LTP			Weather	62.1 degrees F and Clear. The wind is blowing S at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7.0-12.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.32	Total Depth (ft-bmp)	11.68	Water Column (ft.)	1.36	Gallons in Well	0.22
		Pump Intake (ft-bmp)	11	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	7.09		--		
Sample Time: Label	13:07	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Leticia Ferreira
Purge Start	12:33						
Purge End	13:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:35	0	200	10.35	0.00	6.74	0.60	5.65	7.18	16.2	567.8	Clear	No Odor
12:40	5	200	10.36	0.26	6.74	0.60	0.90	6.80	17.1	569.7	Clear	No Odor
12:45	5	200	10.35	0.52	6.76	0.59	0.02	3.09	15.7	283.0	Clear	No Odor
12:50	5	200	10.34	0.78	6.80	0.59	0.02	3.12	16.0	286.1	Clear	No Odor
12:55	5	200	10.32	1.04	6.76	0.60	0.02	2.92	16.0	289.0	Clear	No Odor
13:00	5	200	10.32	1.30	6.79	0.59	0.02	3.12	15.7	283.0	Clear	No Odor
13:05	5	200	10.32	1.56	6.79	0.59	0.02	3.11	15.7	283.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12033 Stark	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-146S			Date	11-15-2022
Project Name/Location	Ford LTP			Weather	37.0 degrees F and Cloudy. The wind is blowing E/NE at 16.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.0-11.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.38	Total Depth (ft-bmp)	9.82	Water Column (ft.)	2.44	Gallons in Well	0.4
		Pump Intake (ft-bmp)	8.88	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.7		--		Samantha Hindle
Sample Time: Label	12:25	Volume Purged	1.08 gallons	Replicate/Code No.		Sampled by	
Purge Start	11:50						
Purge End	12:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:52	0	140	7.52	0.00	7.11	1.05	0.02	0.61	13.0	10.8	Clear	No Odor
11:57	5	140	7.50	0.18	7.11	1.06	0.02	0.63	13.0	6.5	Clear	No Odor
12:02	5	140	7.50	0.36	7.10	1.05	0.02	0.35	13.0	-10.8	Clear	No Odor
12:07	5	140	7.50	0.54	7.08	1.04	0.02	0.24	13.0	-21.1	Clear	No Odor
12:12	5	140	7.50	0.72	7.07	1.04	0.02	0.23	13.0	-23.1	Clear	No Odor
12:17	5	140	7.50	0.90	7.07	1.03	0.02	0.22	13.0	-24.4	Clear	No Odor
12:22	5	140	7.50	1.08	7.07	1.03	0.02	0.23	13.0	-23.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34367 Capitol	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-147S			Date	11-18-2022
Project Name/Location	Ford LTP			Weather	30 degrees F and Light Snow. The wind is blowing SW at 16 mph, 66% humidity, 30.03 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.62	Total Depth (ft-bmp)	6.4	Water Column (ft.)	0.78	Gallons in Well	0.13
		Pump Intake (ft-bmp)	6.01	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0		--		Sam Sukaria
Sample Time:	Label 11:40	Volume Purged	nan ml	Replicate/Code No.		Sampled by	
	Purge Start 11:00						
	Purge End 11:44						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	200	6.00	0.00	7.15	1.81	42.80	0.37	13.5	28.1	Clear, Small Orange Particulates	No Odor
11:10	5	200	6.00	0.26	7.14	1.81	12.90	0.63	13.0	7.0	Clear, Small Orange Particulates	No Odor
11:15	5	200	6.00	0.52	7.14	1.82	1.48	0.43	13.5	-8.2	Clear	No Odor
11:20	5	200	6.00	0.78	7.14	1.81	0.02	0.48	13.5	-10.1	Clear	No Odor
11:25	5	200	6.00	1.04	7.14	1.81	0.02	0.49	13.5	-9.9	Clear	No Odor
11:30	5	200	6.00	1.30	7.14	1.81	0.02	0.49	13.6	-9.4	Clear	No Odor
11:35	5	200	6.00	1.56	7.14	1.81	0.02	0.45	13.5	-9.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34401 Capitol; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-148S			Date	11-14-2022
Project Name/Location	Ford LTP			Weather	39.9 degrees F and Mostly Cloudy. The wind is blowing at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.36	Total Depth (ft-bmp)	6.34	Water Column (ft.)	1.98	Gallons in Well	0.32
		Pump Intake (ft-bmp)	5.86	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.38		--		Leticia Ferreira
Sample Time:	Label 11:57	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:24						
	Purge End 12:01						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:26	0	300	4.42	0.00	6.95	1.99	59.30	1.31	11.9	-25.0	Clear, Small Brown Particulates	No Odor
11:31	5	150	4.42	0.40	7.02	1.97	41.80	1.21	12.0	-28.1	Clear, Small Brown Particulates	No Odor
11:36	5	150	4.42	0.60	7.03	1.88	9.68	0.78	12.1	-36.1	Clear, Small Brown Particulates	No Odor
11:41	5	150	4.42	0.80	7.02	1.84	4.94	0.51	12.2	-36.7	Clear, Small Brown Particulates	No Odor
11:46	5	150	4.43	1.00	6.99	1.83	3.34	0.45	12.2	-38.3	Clear, Small White Particulates	No Odor
11:51	5	150	4.43	1.20	6.98	1.82	1.62	0.44	12.3	-39.4	Clear	No Odor
11:56	5	150	4.43	1.40	6.98	1.82	1.14	0.41	12.2	-39.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12088 Brewster; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-149S			Date	11-09-2022
Project Name/Location	Ford LTP			Weather	60.1 degrees F and Partly Cloudy. The wind is blowing S at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.34	Total Depth (ft-bmp)	6.42	Water Column (ft.)	3.08	Gallons in Well	0.5
		Pump Intake (ft-bmp)	4.84	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.8		DUP-10		
Sample Time: Label	13:25	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	Leticia Ferreira
Purge Start	12:53						
Purge End	13:34						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:54	0	300	3.43	0.00	6.98	1.81	12.80	0.78	15.7	-19.3	Clear, Small White Particulates	No Odor
12:59	5	150	3.43	0.40	6.89	1.88	6.92	0.54	15.6	-34.1	Clear, Small White Particulates	No Odor
13:04	5	150	3.42	0.60	6.90	1.90	3.37	0.39	15.6	-41.9	Clear, Small White Particulates	No Odor
13:09	5	150	3.42	0.80	6.94	1.92	2.20	0.31	15.6	-48.1	Clear, Small White Particulates	No Odor
13:14	5	150	3.42	1.00	6.97	1.94	2.48	0.31	15.5	-52.6	Clear, Small White Particulates	No Odor
13:19	5	150	3.42	1.20	6.98	1.94	2.34	0.31	15.6	-55.1	Clear, Small White Particulates	No Odor
13:24	5	150	3.42	1.40	6.99	1.95	1.64	0.34	15.6	-58.7	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34450 Beacon; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-150S			Date	11-09-2022
Project Name/Location	Ford LTP			Weather	53.1 degrees F and Partly Cloudy. The wind is blowing S at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.71	Total Depth (ft-bmp)	6.74	Water Column (ft.)	1.03	Gallons in Well	0.17
		Pump Intake (ft-bmp)	6.2	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	9.41		--		Leticia Ferreira
Sample Time:	Label 12:16	Volume Purged	1.6 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:39						
	Purge End 12:22						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:40	0	300	5.74	0.00	6.86	1.16	17.50	1.15	15.6	51.2	Clear, Small White Particulates	No Odor
11:45	5	150	5.75	0.40	6.86	1.15	4.67	0.58	15.5	27.2	Clear, Small White Particulates	No Odor
11:50	5	150	5.75	0.60	6.85	1.15	1.97	0.42	15.6	11.9	Clear, Small White Particulates	No Odor
11:55	5	150	5.75	0.80	6.86	1.15	1.50	0.36	15.6	-6.7	Clear, Small White Particulates	No Odor
12:00	5	150	5.75	1.00	6.87	1.14	1.15	0.43	15.7	-14.3	Clear	No Odor
12:05	5	150	5.75	1.20	6.88	1.13	1.06	0.51	15.6	-16.7	Clear	No Odor
12:10	5	150	5.75	1.40	6.88	1.13	1.17	0.50	15.6	-20.2	Clear	No Odor
12:15	5	150	5.75	1.60	6.88	1.13	1.16	0.53	15.7	-23.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34380 Beacon; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-151S			Date	11-14-2022
Project Name/Location		Ford LTP	Weather	37.9 degrees F and Cloudy. The wind is blowing S/SW at 3.4 mph.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.49	Total Depth (ft-bmp)	6.91	Water Column (ft.)	2.42	Gallons in Well	0.39
		Pump Intake (ft-bmp)	5.99	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.59		--		
Sample Time:	Label	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	Leticia Ferreira
	Purge Start	14:43					
	Purge End	15:21					

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:45	0	300	4.50	0.00	7.12	2.31	139.00	1.11	12.7	-45.8	Cloudy, Small White Particulates	No Odor
14:50	5	150	4.50	0.40	7.17	2.34	55.20	0.65	12.9	-55.9	Clear, Small Brown Particulates	No Odor
14:55	5	150	4.50	0.60	7.16	2.35	37.10	0.40	12.9	-60.1	Clear, Small White Particulates	No Odor
15:00	5	150	4.50	0.80	7.15	2.36	28.50	0.35	12.9	-62.0	Clear	No Odor
15:05	5	150	4.50	1.00	7.12	2.37	14.00	0.33	12.8	-62.7	Clear, Small White Particulates	Faint Odor,No Odor
15:10	5	150	4.50	1.20	7.11	2.37	13.40	0.31	12.8	-62.5	Clear, Small White Particulates	No Odor
15:15	5	150	4.50	1.40	7.11	2.36	12.90	0.29	13.0	-62.0	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12091 Brewster; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-153S			Date	11-07-2022
Project Name/Location	Ford LTP	Weather	55 degrees F and Cloudy. The wind is blowing W/NW at 10 mph, 30% humidity, 30.41 inHg.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.7	Total Depth (ft-bmp)	6	Water Column (ft.)	1.3	Gallons in Well	0.21
		Pump Intake (ft-bmp)	5.7	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	13.9		--		
Sample Time: Label	12:20	Volume Purged	2.92 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	11:16						
Purge End	12:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:18	0	180	4.72	0.00	7.22	1.04	28.90	1.18	14.1	131.1	Clear, Cloudy	No Odor
11:23	5	200	4.73	0.24	7.26	1.06	3.48	0.45	14.1	143.1	Clear	No Odor
11:28	5	200	4.73	0.50	7.26	1.06	0.45	0.37	14.0	145.1	Clear	No Odor
11:33	5	180	4.73	0.76	7.28	1.06	1.01	0.24	14.0	146.4	Clear	No Odor
11:38	5	180	4.73	1.00	7.28	1.06	0.64	0.24	14.1	142.1	Clear	No Odor
11:43	5	180	4.73	1.24	7.20	1.06	0.48	0.18	14.1	134.8	Clear	No Odor
11:48	5	180	4.73	1.48	7.28	1.06	0.02	0.18	14.1	122.8	Clear	No Odor
11:53	5	180	4.73	1.72	7.28	1.06	0.02	0.22	14.1	104.5	Clear	No Odor
11:58	5	180	4.73	1.96	7.28	1.06	0.02	0.19	14.1	87.8	Clear	No Odor
12:03	5	180	4.73	2.20	7.28	1.06	0.02	0.19	14.1	77.5	Clear	No Odor
12:08	5	180	4.73	2.44	7.28	1.06	0.02	0.15	14.1	68.9	Clear	No Odor
12:13	5	180	4.73	2.68	7.28	1.06	0.02	0.14	14.1	60.8	Clear	No Odor
12:18	5	180	4.73	2.92	7.28	1.06	0.02	0.15	14.1	59.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34644 beacon back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-154S			Date	11-07-2022
Project Name/Location	Ford LTP			Weather	51 degrees F and Cloudy. The wind is blowing W at 13 mph, 38% humidity, 30.39 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.31	Total Depth (ft-bmp)	7	Water Column (ft.)	0.69	Gallons in Well	0.11
		Pump Intake (ft-bmp)	6.9	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	18.91		--		
Sample Time: Label	10:40	Volume Purged	2.08 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	09:54						
Purge End	10:42						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:00	0	200	6.34	0.00	7.38	0.68	9.29	0.60	14.0	229.0	Clear	No Odor
10:05	5	200	6.35	0.26	7.39	0.67	1.03	0.44	13.9	201.8	Clear	No Odor
10:10	5	200	6.35	0.52	7.42	0.66	0.02	0.31	14.0	165.2	Clear	No Odor
10:15	5	200	6.35	0.78	7.43	0.66	0.02	0.41	13.9	141.1	Clear	No Odor
10:20	5	200	6.35	1.04	7.43	0.65	0.02	0.53	13.9	124.2	Clear	No Odor
10:25	5	200	6.35	1.30	7.43	0.65	0.02	0.58	13.9	115.1	Clear	No Odor
10:30	5	200	6.35	1.56	7.44	0.65	0.02	0.63	13.9	107.7	Clear	No Odor
10:35	5	200	6.35	1.82	7.44	0.65	0.02	0.65	13.8	104.4	Clear	No Odor
10:40	5	200	6.35	2.08	7.44	0.65	0.02	0.61	13.8	99.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34682 Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-155S			Date	11-09-2022
Project Name/Location	Ford LTP			Weather	63.0 degrees F and Partly Cloudy. The wind is blowing S/SW at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.7	Total Depth (ft-bmp)	6.53	Water Column (ft.)	1.83	Gallons in Well	0.3
		Pump Intake (ft-bmp)	6.2	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.97		DUP-08		
Sample Time: Label	14:11	Volume Purged	1.19 gallons	Replicate/Code No.		Sampled by	Gary Schafer
Purge Start	13:32						
Purge End	14:27						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:35	0	125	5.71	0.00	7.20	0.56	14.30	0.79	15.8	-10.5	Turbid	No Odor
13:40	5	125	5.71	0.17	7.30	0.55	4.37	0.71	16.0	-27.6	Clear	No Odor
13:45	5	125	5.71	0.34	7.35	0.56	2.09	0.68	15.9	-35.5	Clear	No Odor
13:50	5	125	5.72	0.51	7.34	0.56	1.91	0.64	15.8	-40.2	Clear	No Odor
13:55	5	125	5.72	0.68	7.35	0.56	1.47	0.46	15.8	-43.6	Clear	No Odor
14:00	5	125	5.72	0.85	7.36	0.56	1.34	0.59	16.0	-47.4	Clear	No Odor
14:05	5	125	5.72	1.02	7.37	0.57	1.11	0.58	15.9	-49.7	Clear	No Odor
14:10	5	125	5.72	1.19	7.37	0.57	1.24	0.57	15.8	-49.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12066 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-158S			Date	11-16-2022
Project Name/Location	Ford LTP			Weather	37.0 degrees F and Mostly Cloudy. The wind is blowing W at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.84	Total Depth (ft-bmp)	7.34	Water Column (ft.)	0.5	Gallons in Well	0.08
		Pump Intake (ft-bmp)	7	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	24		--		
Sample Time:	Label 11:45	Volume Purged	1.92 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
	Purge Start 10:43						
	Purge End 11:48						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:44	0	120	6.86	0.00	7.03	1.04	14.00	3.44	11.4	180.0	Clear	No Odor
10:49	5	120	6.89	0.16	7.39	0.88	5.28	1.69	11.9	130.5	Clear	No Odor
10:54	5	120	6.91	0.32	7.42	0.86	5.44	1.60	11.8	103.5	Clear	No Odor
10:59	5	120	6.91	0.48	7.48	0.87	7.61	1.67	12.0	98.0	Clear	No Odor
11:04	5	120	6.91	0.64	7.58	0.88	6.42	1.62	12.0	88.1	Clear	No Odor
11:09	5	120	6.91	0.80	7.60	0.89	10.50	1.62	12.1	84.9	Clear	No Odor
11:14	5	120	6.91	0.96	7.59	0.89	17.90	1.57	12.0	80.5	Clear	No Odor
11:19	5	120	6.91	1.12	7.60	0.89	9.78	1.64	12.1	78.4	Clear	No Odor
11:24	5	120	6.91	1.28	7.63	0.90	9.45	1.58	12.1	75.4	Clear	No Odor
11:29	5	120	6.91	1.44	7.64	0.91	1.29	1.51	12.1	74.8	Clear	No Odor
11:34	5	120	6.91	1.60	7.70	0.93	0.02	1.47	12.2	74.1	Clear	No Odor
11:39	5	120	6.91	1.76	7.68	0.94	0.02	1.41	12.0	75.5	Clear	No Odor
11:44	5	120	6.91	1.92	7.66	0.95	0.02	1.53	11.9	77.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34950 Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-159S			Date	11-17-2022
Project Name/Location	Ford LTP			Weather	34.0 degrees F and Light Snow. The wind is blowing SW at 13 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.0-9.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.15	Total Depth (ft-bmp)	8.48	Water Column (ft.)	0.33	Gallons in Well	0.05
		Pump Intake (ft-bmp)	8.32	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	19.2		--		Samantha Hindle
Sample Time:	Label 14:45	Volume Purged	0.96 gallons	Replicate/Code No.		Sampled by	
	Purge Start 13:51						
	Purge End 14:29						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:52	0	120	8.30	0.00	7.02	2.91	0.02	2.90	10.5	53.6	Clear	No Odor
13:57	5	120	8.30	0.16	7.31	2.80	0.02	1.93	10.7	5.0	Clear	No Odor
14:02	5	120	8.30	0.32	7.35	2.72	0.02	1.13	11.1	-3.4	Clear	No Odor
14:07	5	120	8.30	0.48	7.35	2.68	0.02	1.25	11.0	-2.1	Clear	No Odor
14:12	5	120	8.25	0.64	7.33	2.65	0.02	0.96	10.8	0.9	Clear	No Odor
14:17	5	120	8.13	0.80	7.30	2.67	0.02	0.80	10.3	-1.9	Clear	No Odor
14:22	5	120	8.40	0.96	7.35	2.55	0.02	1.02	9.5	-3.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34920 Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-162S			Date	11-08-2022
Project Name/Location		Ford LTP	Weather	52.0 degrees F and Partly Cloudy. The wind is blowing E at 8.1 mph.			
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	3.0-8.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		7.08	Total Depth (ft-bmp)	7.68	Water Column (ft.)	0.6	Gallons in Well	0.1
			Pump Intake (ft-bmp)	7.3	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	16		--		
Sample Time:	Label	16:06	Volume Purged	1.6 gallons	Replicate/Code No.		Sampled by	Leticia Ferreira
	Purge Start	15:29						
	Purge End	16:09						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:30	0	300	7.09	0.00	7.02	0.64	986.00	1.73	13.5	-102.5	Small Brown Particulates, Turbid	No Odor
15:35	5	150	7.15	0.40	7.02	0.62	308.00	1.88	13.5	-90.7	Clear	No Odor
15:40	5	150	7.15	0.60	7.07	0.62	93.00	1.66	13.5	-84.3	Clear, Turbid	No Odor
15:45	5	150	7.15	0.80	7.14	0.62	88.20	1.63	13.4	-79.4	Clear, Turbid	No Odor
15:50	5	150	7.15	1.00	7.15	0.61	60.20	1.65	13.1	-78.8	Turbid	No Odor
15:55	5	150	7.15	1.20	7.19	0.61	12.30	1.63	13.1	-70.7	Clear, Turbid	No Odor
16:00	5	150	7.15	1.40	7.20	0.61	12.10	1.62	13.1	-69.7	Clear	No Odor
16:05	5	150	7.16	1.60	7.22	0.62	12.90	1.63	13.1	-69.8	Clear, Small Brown Particulates, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12017 Brewster; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-163S			Date	11-07-2022
Project Name/Location		Ford LTP	Weather	57 degrees F and Cloudy. The wind is blowing W/NW at 9 mph, 28% humidity, 30.42 inHg.			
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		5.64	Total Depth (ft-bmp)	6.6	Water Column (ft.)	0.96	Gallons in Well	0.16
			Pump Intake (ft-bmp)	6.4	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	9.75		--		
Sample Time:	Label	14:20	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start	13:45						
	Purge End	14:24						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:48	0	200	5.90	0.00	7.33	0.53	411.00	0.79	14.2	-48.4	Cloudy, White	No Odor
13:53	5	200	5.90	0.26	7.37	0.53	85.60	0.75	14.2	-40.8	Cloudy	No Odor
13:58	5	200	5.90	0.52	7.43	0.53	32.90	0.83	14.2	-29.5	Clear	No Odor
14:03	5	200	5.90	0.78	7.45	0.54	6.57	0.87	14.2	-21.0	Clear	No Odor
14:08	5	200	5.90	1.04	7.46	0.54	3.05	0.93	14.2	-30.6	Clear	No Odor
14:13	5	200	5.90	1.30	7.47	0.54	2.60	0.97	14.2	-29.9	Clear	No Odor
14:18	5	200	5.90	1.56	7.47	0.54	1.55	0.95	14.2	-27.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34591 Beacon; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-166S			Date	11-01-2022
Project Name/Location	Ford LTP			Weather	60.1 degrees F and Mostly Clear. The wind is blowing W/NW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.0-11.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.32	Total Depth (ft-bmp)	10.56	Water Column (ft.)	2.24	Gallons in Well	0.36
		Pump Intake (ft-bmp)	9.82	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.33		--		
Sample Time:	Label 12:28	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Leticia Ferreira
	Purge Start 11:55						
	Purge End 12:30						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:57	0	200	8.39	0.00	7.04	3.27	9.97	0.48	14.5	-8.2	Clear	No Odor
12:02	5	200	8.39	0.26	7.06	3.23	9.00	0.42	14.5	-11.0	Clear	No Odor
12:07	5	200	8.40	0.52	7.07	3.21	0.07	0.48	14.5	-12.0	Clear	No Odor
12:12	5	200	8.40	0.78	7.10	3.18	0.02	0.41	14.5	-14.3	Clear	No Odor
12:17	5	200	8.40	1.04	7.13	3.13	0.02	0.43	14.5	-18.9	Clear	No Odor
12:22	5	200	8.40	1.30	7.14	3.13	0.02	0.42	14.5	-19.4	Clear	No Odor
12:27	5	200	8.40	1.56	7.14	3.12	0.02	0.29	14.5	-22.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12147 Stark Rd; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-167S			Date	11-07-2022
Project Name/Location	Ford LTP			Weather	55.9 degrees F and Clear. The wind is blowing W/NW at 16.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.0-10.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.46	Total Depth (ft-bmp)	9.22	Water Column (ft.)	1.76	Gallons in Well	0.29
		Pump Intake (ft-bmp)	8.96	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.83		--		Leticia Ferreira
Sample Time:	Label 13:54	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	
	Purge Start 13:22						
	Purge End 13:57						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:23	0	300	7.56	0.00	7.04	0.95	108.00	1.32	15.3	84.2	Clear, Turbid	No Odor
13:28	5	150	7.55	0.40	6.82	0.91	54.90	0.76	15.0	85.1	Clear, Turbid	No Odor
13:33	5	150	7.56	0.60	6.84	0.89	31.00	0.58	15.0	76.7	Clear	No Odor
13:38	5	150	7.55	0.80	6.85	0.89	6.58	0.62	14.9	74.6	Clear	No Odor
13:43	5	150	7.58	1.00	6.93	0.89	3.41	0.56	15.0	62.1	Clear	No Odor
13:48	5	150	7.57	1.20	6.95	0.89	3.39	0.59	14.9	61.2	Clear	No Odor
13:53	5	150	7.56	1.40	6.96	0.88	2.12	0.58	15.0	59.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12001 Beacon; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-168S			Date	11-17-2022
Project Name/Location	Ford LTP	Weather	34 degrees F and Cloudy. The wind is blowing W/SW at 13 mph. 75% humidity, 30.1 inHg.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.15	Total Depth (ft-bmp)	6.9	Water Column (ft.)	1.75	Gallons in Well	0.28
		Pump Intake (ft-bmp)	6.65	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.14		--		
Sample Time: Label	12:55	Volume Purged	1.44 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	12:20						
Purge End	12:57						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:23	0	180	5.19	0.00	7.24	1.34	37.60	0.41	13.3	33.6	Clear, Small Orange Particulates	No Odor
12:28	5	180	5.18	0.24	7.23	1.29	3.85	0.55	13.5	27.6	Clear, Small Orange Particulates	No Odor
12:33	5	180	5.23	0.48	7.24	1.30	2.00	0.60	13.5	21.2	Clear	No Odor
12:38	5	180	5.23	0.72	7.24	1.30	0.02	0.61	13.4	12.2	Clear	No Odor
12:43	5	180	5.23	0.96	7.24	1.31	0.02	0.58	13.5	6.0	Clear	No Odor
12:48	5	180	5.23	1.20	7.24	1.32	0.02	0.64	13.5	4.0	Clear	No Odor
12:53	5	180	5.23	1.44	7.24	1.32	0.02	0.64	13.5	4.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34480 Capitol	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-169S			Date	11-17-2022
Project Name/Location		Ford LTP		Weather	35.1 degrees F and Cloudy.		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		4.88	Total Depth (ft-bmp)	6.53	Water Column (ft.)	1.65	Gallons in Well	0.27
			Pump Intake (ft-bmp)	6.38	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	5.04		--		
Sample Time:	Label	13:36	Volume Purged	1.36 gallons	Replicate/Code No.		Sampled by	Gary Schafer
	Purge Start	12:53						
	Purge End	13:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:55	0	125	4.89	0.00	7.11	1.64	25.90	1.24	12.2	-73.9	Brown, Turbid	No Odor
13:00	5	125	4.90	0.17	7.19	1.52	18.20	0.61	12.2	-64.0	Brown, Turbid	No Odor
13:05	5	125	4.90	0.34	7.19	1.49	9.78	0.52	12.2	-59.4	Clear	No Odor
13:10	5	125	4.90	0.51	7.17	1.42	3.53	0.47	12.3	-50.2	Clear	No Odor
13:15	5	125	4.90	0.68	7.18	1.41	1.10	0.42	12.3	-44.2	Clear	No Odor
13:20	5	125	4.90	0.85	7.15	1.40	0.98	0.42	12.3	-44.5	Clear	No Odor
13:25	5	125	4.90	1.02	7.14	1.39	0.60	0.52	12.3	-44.8	Clear	No Odor
13:30	5	125	4.90	1.19	7.15	1.39	0.61	0.54	12.3	-45.3	Clear	No Odor
13:35	5	125	4.90	1.36	7.14	1.39	0.54	0.55	12.2	-41.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34450 Capitol; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-171S			Date	11-16-2022
Project Name/Location		Ford LTP	Weather	37.0 degrees F and Mostly Cloudy. The wind is blowing W at 11.4 mph.			
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		5.19	Total Depth (ft-bmp)	6.43	Water Column (ft.)	1.24	Gallons in Well	0.2
			Pump Intake (ft-bmp)	5.8	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	7.2		--		
Sample Time:	Label	11:22	Volume Purged	1.44 gallons	Replicate/Code No.		Sampled by	Leticia Ferreira
	Purge Start	10:45						
	Purge End	11:26						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:46	0	300	5.22	0.00	7.05	1.30	155.00	1.26	11.8	-32.2	Cloudy, Small Brown Particulates	No Odor
10:51	5	150	5.23	0.40	7.15	1.34	44.20	0.60	11.8	-55.1	Clear, Small Brown Particulates	No Odor
10:56	5	120	5.21	0.60	7.14	1.38	18.80	0.46	11.7	-56.7	Clear, Small White Particulates	No Odor
11:01	5	120	5.22	0.76	7.09	1.39	13.20	0.38	11.7	-56.5	Clear, Small White Particulates	No Odor
11:06	5	120	5.20	0.92	7.08	1.40	9.33	0.35	11.6	-56.6	Clear, Small White Particulates	No Odor
11:11	5	120	5.21	1.08	7.06	1.42	3.57	0.33	11.5	-56.9	Clear, Small White Particulates	No Odor
11:16	5	150	5.21	1.24	7.06	1.43	0.99	0.34	11.5	-57.1	Clear, Small White Particulates	No Odor
11:21	5	120	5.21	1.44	7.05	1.43	0.02	0.34	11.6	-57.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12101 Brewster; back yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-172S			Date	11-16-2022
Project Name/Location		Ford LTP	Weather	37.9 degrees F and Cloudy. The wind is blowing W/NW at 10.3 mph.			
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		7.58	Total Depth (ft-bmp)	8.9	Water Column (ft.)	1.32	Gallons in Well	0.21
			Pump Intake (ft-bmp)	8.24	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	6.48		--		
Sample Time:	Label	13:16	Volume Purged	1.36 gallons	Replicate/Code No.		Sampled by	Gary Schafer
	Purge Start	12:33						
	Purge End	13:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:35	0	125	7.62	0.00	7.18	0.46	183.00	6.02	13.1	-73.8	Brown, Turbid	No Odor
12:40	5	125	7.62	0.17	7.22	0.46	102.00	4.90	12.9	-73.0	Brown, Turbid	No Odor
12:45	5	125	7.62	0.34	7.35	0.45	15.00	4.97	12.9	-64.3	Clear	No Odor
12:50	5	125	7.62	0.51	7.42	0.44	3.48	4.45	12.8	-68.6	Clear	No Odor
12:55	5	125	7.62	0.68	7.45	0.44	1.18	4.22	12.8	-70.7	Clear	No Odor
13:00	5	125	7.62	0.85	7.48	0.44	0.63	4.05	13.0	-75.5	Clear	No Odor
13:05	5	125	7.62	1.02	7.52	0.44	0.39	3.72	13.1	-78.8	Clear	No Odor
13:10	5	125	7.62	1.19	7.52	0.44	0.40	3.63	13.2	-78.5	Clear	No Odor
13:15	5	125	7.62	1.36	7.51	0.44	0.41	3.62	13.1	-78.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11701 Boston Post; front yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-173S			Date	11-16-2022
Project Name/Location	Ford LTP	Weather	37.9 degrees F and Cloudy. The wind is blowing W at 11.4 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.19	Total Depth (ft-bmp)	10.22	Water Column (ft.)	2.03	Gallons in Well	0.33
		Pump Intake (ft-bmp)	9.69	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.12		--		
Sample Time: Label	14:51	Volume Purged	1.36 gallons	Replicate/Code No.		Sampled by	Gary Schafer
Purge Start	14:08						
Purge End	15:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:10	0	125	8.25	0.00	7.27	0.54	441.00	0.85	12.5	-75.0	Brown, Cloudy	No Odor
14:15	5	125	8.25	0.17	7.24	0.54	445.00	0.61	12.3	-83.2	Brown, Cloudy	No Odor
14:20	5	125	8.25	0.34	7.31	0.55	165.00	0.65	12.3	-86.9	Brown, Cloudy	No Odor
14:25	5	125	8.25	0.51	7.36	0.55	108.00	0.56	12.3	-90.9	Brown, Turbid	No Odor
14:30	5	125	8.25	0.68	7.40	0.55	16.80	0.41	12.3	-93.1	Clear	No Odor
14:35	5	125	8.25	0.85	7.42	0.54	6.46	0.40	12.3	-94.2	Clear	No Odor
14:40	5	125	8.25	1.02	7.42	0.54	3.21	0.42	12.4	-91.2	Clear	No Odor
14:45	5	125	8.25	1.19	7.43	0.54	3.05	0.41	12.3	-93.6	Clear	No Odor
14:50	5	125	8.25	1.36	7.43	0.54	3.07	0.43	12.3	-93.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11721 Boston Post; north side of house	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-176S			Date	11-08-2022
Project Name/Location	Ford LTP			Weather	52.0 degrees F and Mostly Clear. The wind is blowing E/NE at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.0-10.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.46	Total Depth (ft-bmp)	9.3	Water Column (ft.)	0.84	Gallons in Well	0.14
		Pump Intake (ft-bmp)	8.86	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	11.86		--		Samantha Hindle
Sample Time:	Label 14:40	Volume Purged	1.66 gallons	Replicate/Code No.		Sampled by	
	Purge Start 13:55						
	Purge End 14:43						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:57	0	160	8.50	0.00	6.89	0.29	0.02	1.42	13.9	-75.0	Clear	No Odor
14:02	5	160	8.55	0.21	7.11	0.26	0.02	1.60	13.8	-68.8	Clear	No Odor
14:07	5	160	8.55	0.42	7.30	0.26	0.02	1.33	13.8	-57.2	Clear	No Odor
14:12	5	160	8.55	0.63	7.33	0.26	0.02	1.29	13.9	-51.1	Clear	No Odor
14:17	5	160	8.55	0.84	7.37	0.26	0.02	1.28	13.9	-52.7	Clear	No Odor
14:22	5	160	8.55	1.05	7.40	0.26	0.02	1.20	13.9	-52.8	Clear	No Odor
14:27	5	150	8.55	1.26	7.44	0.26	0.02	1.32	13.9	-38.7	Clear	No Odor
14:32	5	150	8.55	1.46	7.43	0.26	0.02	1.26	14.0	-42.4	Clear	No Odor
14:37	5	150	8.55	1.66	7.43	0.26	0.02	1.31	13.9	-43.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11845 Boston Post	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-178S			Date	11-16-2022
Project Name/Location		Ford LTP	Weather	35.1 degrees F and Mostly Cloudy. The wind is blowing W at 12.8 mph.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.66	Total Depth (ft-bmp)	8.82	Water Column (ft.)	1.16	Gallons in Well	0.19
		Pump Intake (ft-bmp)	8.00	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	7.37		--		Leticia Ferreira
Sample Time:	Label 09:33	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:01						
	Purge End 09:38						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:02	0	300	7.71	0.00	7.05	0.55	405.00	2.41	11.6	-46.4	Brown	No Odor
09:07	5	150	7.72	0.40	7.24	0.55	82.30	1.25	12.0	-51.7	Cloudy, Small Brown Particulates	No Odor
09:12	5	150	7.71	0.60	7.27	0.56	14.40	0.99	11.9	-51.1	Clear, Small Brown Particulates	No Odor
09:17	5	150	7.72	0.80	7.25	0.56	4.96	0.76	12.1	-50.7	Clear, Small White Particulates	No Odor
09:22	5	150	7.72	1.00	7.23	0.56	4.56	0.74	12.2	-46.9	Clear, Small Brown Particulates	No Odor
09:27	5	150	7.72	1.20	7.22	0.56	2.23	0.71	12.1	-45.8	Clear, Small Brown Particulates, Small White Particulates	No Odor
09:32	5	150	7.72	1.40	7.20	0.56	1.60	0.69	12.1	-42.8	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	11850 Boston Post; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-179S			Date	11-15-2022
Project Name/Location	Ford LTP			Weather	37.0 degrees F and Light Rain and Light Snow. The wind is blowing E/NE at 13.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.0-11.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.86	Total Depth (ft-bmp)	10.88	Water Column (ft.)	1.02	Gallons in Well	0.17
		Pump Intake (ft-bmp)	10.37	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	7.06		--		Leticia Ferreira
Sample Time: Label	09:51	Volume Purged	1.2 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:19						
Purge End	09:58						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:20	0	300	9.95	0.00	7.95	11.20	39.80	2.33	11.3	33.8	Clear, Small White Particulates	No Odor
09:25	5	120	9.91	0.40	7.94	0.25	30.00	1.76	11.6	31.6	Clear, Small White Particulates	No Odor
09:30	5	120	9.93	0.56	7.92	0.24	25.00	1.45	11.7	28.0	Clear, Small White Particulates	No Odor
09:35	5	120	9.91	0.72	7.92	0.24	9.10	1.26	11.9	22.1	Clear, Small White Particulates	No Odor
09:40	5	120	9.91	0.88	7.92	0.24	4.90	1.25	11.9	20.8	Clear, Small White Particulates	No Odor
09:45	5	120	9.92	1.04	7.90	0.24	2.90	1.26	11.8	17.6	Clear, Small White Particulates	No Odor
09:50	5	120	9.92	1.20	7.88	0.24	1.80	1.26	11.8	20.0	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34870 Wadsworth; side yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-180SR			Date	11-15-2022
Project Name/Location	Ford LTP			Weather	37.9 degrees F and Cloudy. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-11.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.89	Total Depth (ft-bmp)	10.98	Water Column (ft.)	1.09	Gallons in Well	0.18
		Pump Intake (ft-bmp)	10.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.61		--		Samantha Hindle
Sample Time:	Label 15:10	Volume Purged	1.19 gallons	Replicate/Code No.		Sampled by	
	Purge Start 14:26						
	Purge End 15:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:28	0	130	9.90	0.00	7.95	0.20	2.02	6.25	12.7	114.6	Clear	No Odor
14:33	5	130	9.90	0.17	8.02	0.20	0.02	5.32	12.1	108.9	Clear	No Odor
14:38	5	130	9.90	0.34	7.93	0.19	0.02	5.13	11.7	114.7	Clear	No Odor
14:43	5	130	9.90	0.51	7.90	0.19	0.02	5.19	11.8	115.6	Clear	No Odor
14:48	5	130	9.90	0.68	7.93	0.19	0.02	5.01	12.0	114.8	Clear	No Odor
14:53	5	130	9.90	0.85	7.89	0.19	0.02	4.92	11.7	118.3	Clear	No Odor
14:58	5	130	9.90	1.02	7.87	0.19	0.02	4.80	11.6	119.5	Clear	No Odor
15:03	5	130	9.90	1.19	7.86	0.19	0.02	4.62	11.6	121.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34891 Wadsworth	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-181S			Date	11-17-2022
Project Name/Location	Ford LTP			Weather	30.9 degrees F and Mostly Clear. The wind is blowing W/SW at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.5-8.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.91	Total Depth (ft-bmp)	8.58	Water Column (ft.)	0.67	Gallons in Well	0.11
		Pump Intake (ft-bmp)	8.25	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	8.91		--		Gary Schafer
Sample Time:	Label 10:36	Volume Purged	0.98 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:03						
	Purge End 10:48						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:05	0	100	7.93	0.00	7.55	2.57	112.00	2.18	13.0	-53.7	Brown, Turbid	No Odor
10:10	5	125	7.93	0.13	7.66	2.57	13.40	1.75	13.1	-48.0	Clear	No Odor
10:15	5	125	7.93	0.30	7.65	2.57	5.53	1.84	13.1	-44.2	Clear	No Odor
10:20	5	125	7.93	0.47	7.63	2.57	4.07	1.16	13.1	-39.7	Clear	No Odor
10:25	5	125	7.93	0.64	7.62	2.57	2.47	1.16	13.1	-36.6	Clear	No Odor
10:30	5	125	7.93	0.81	7.62	2.57	1.93	1.15	13.1	-34.9	Clear	No Odor
10:35	5	125	7.93	0.98	7.62	2.57	1.57	1.16	12.9	-32.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments Dug out 6 inches of sand in vault before opening j-plug

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34990 Wadsworth; front yard south side	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-182S			Date	11-17-2022
Project Name/Location	Ford LTP			Weather	33.1 degrees F and Mostly Cloudy. The wind is blowing W/SW at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.0-9.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.01	Total Depth (ft-bmp)	8.79	Water Column (ft.)	0.78	Gallons in Well	0.13
		Pump Intake (ft-bmp)	8.35	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	6.15		--		Samantha Hindle
Sample Time:	Label 11:20	Volume Purged	0.8 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:39						
	Purge End 11:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	120	8.11	0.00	7.26	0.50	7.37	3.46	12.2	194.6	Clear, Small Black Particulates	No Odor
10:45	5	130	8.78	0.16	7.50	0.49	35.20	3.66	11.7	168.5	Clear	No Odor
10:55	10	110	8.46	0.50	7.42	0.49	0.02	4.96	11.0	158.6	Clear	No Odor
11:00	5	110	8.60	0.65	7.34	0.49	0.02	3.55	10.6	161.9	Clear	No Odor
11:05	5	110	8.73	0.80	7.34	0.49	0.02	4.51	10.4	164.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34766 Standish	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-183S			Date	11-07-2022
Project Name/Location	Ford LTP			Weather	52.0 degrees F and Clear. The wind is blowing W at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.2	Total Depth (ft-bmp)	12.7	Water Column (ft.)	1.5	Gallons in Well	0.24
		Pump Intake (ft-bmp)	12.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	10.0		--		Samantha Hindle
Sample Time:	Label 11:48	Volume Purged	2.40 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:45						
	Purge End 11:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:46	0	150	11.25	0.00	6.86	0.27	201.00	2.46	14.2	17.7	Orange	No Odor
10:51	5	150	11.28	0.20	7.16	0.27	84.80	1.49	14.0	18.2	Clear, Small Orange Particulates	No Odor
10:56	5	150	11.28	0.40	7.18	0.26	40.00	1.76	13.9	19.6	Clear	No Odor
11:01	5	150	11.20	0.60	7.42	0.21	8.17	1.13	14.0	48.6	Clear	No Odor
11:06	5	150	11.20	0.80	7.42	0.21	5.21	1.09	14.2	49.5	Clear	No Odor
11:11	5	150	11.20	1.00	7.44	0.21	3.34	1.07	14.2	51.0	Clear	No Odor
11:16	5	150	11.20	1.20	7.45	0.21	4.03	1.05	14.2	52.8	Clear	No Odor
11:21	5	150	11.20	1.40	7.47	0.20	4.16	1.06	14.2	54.9	Clear	No Odor
11:26	5	150	11.20	1.60	7.48	0.20	3.31	1.11	14.2	59.9	Clear	No Odor
11:31	5	150	11.20	1.80	7.52	0.20	2.38	1.05	14.2	63.6	Clear	No Odor
11:36	5	150	11.20	2.00	7.51	0.19	2.64	1.14	14.3	67.5	Clear	No Odor
11:41	5	150	11.20	2.20	7.52	0.19	1.78	1.10	14.6	69.0	Clear	No Odor
11:46	5	150	11.20	2.40	7.55	0.18	1.64	1.13	14.5	69.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.25" = 0.06*	*1.5" = 0.09*	*2" = 0.16*	*2.5" = 0.26*	*3" = 0.37*	*3.5" = 0.50*	*4" = 0.65*	*6" = 1.47*

Well Information

Well Location:	34934 Standish	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-185S			Date	11-16-2022
Project Name/Location	Ford LTP			Weather	38 degrees F and Cloudy. The wind is blowing W/NW at 9 mph. 65% humidity, 30.01 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.0-11.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.82	Total Depth (ft-bmp)	10.52	Water Column (ft.)	0.7	Gallons in Well	0.11
		Pump Intake (ft-bmp)	10.12	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	13.91		--		
Sample Time: Label	13:25	Volume Purged	1.53 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	12:36						
Purge End	13:33						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:37	0	130	9.85	0.00	6.77	2.34	5.22	2.27	12.0	-49.0	Clear	No Odor
12:42	5	130	9.87	0.17	7.12	2.18	0.55	0.63	13.5	-58.7	Clear	No Odor
12:47	5	130	9.87	0.34	7.12	2.24	0.02	0.45	13.1	-49.9	Clear	No Odor
12:52	5	130	9.87	0.51	7.10	2.26	0.02	0.41	13.1	-50.0	Clear	No Odor
12:57	5	130	9.88	0.68	7.08	2.35	0.02	0.31	13.2	-52.5	Clear	No Odor
13:02	5	130	9.89	0.85	7.07	2.38	0.02	0.32	13.3	-55.0	Clear	No Odor
13:07	5	130	9.89	1.02	7.05	2.39	0.02	0.27	12.4	-52.8	Clear	No Odor
13:12	5	130	9.89	1.19	7.01	2.45	0.02	0.37	13.0	-52.3	Clear	No Odor
13:17	5	130	9.89	1.36	7.03	2.42	0.02	0.29	13.1	-52.3	Clear	No Odor
13:22	5	130	9.89	1.53	7.06	2.43	0.02	0.29	13.1	-53.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	34921 Beacon	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-214S			Date	11-01-2022
Project Name/Location	Ford LTP			Weather	60 degrees F and sunny. The wind is blowing W at 7 mph, 48 % humidity, 30.11 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.5-10.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.95	Total Depth (ft-bmp)	10.9	Water Column (ft.)	1.95	Gallons in Well	0.32
		Pump Intake (ft-bmp)	10.45	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.5		--		
Sample Time: Label	14:35	Volume Purged	1.44 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	14:00						
Purge End	14:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:03	0	180	9.00	0.00	7.07	3.07	12.60	0.34	19.3	4.4	Clear, Small Orange Particulates	No Odor
14:08	5	180	9.00	0.24	7.12	3.06	7.57	0.21	19.2	-44.7	Clear, Small Orange Particulates	No Odor
14:13	5	180	9.00	0.48	7.15	3.06	2.14	0.17	19.2	-53.2	Clear	No Odor
14:18	5	180	9.00	0.72	7.16	3.04	2.94	0.17	19.2	-52.5	Clear	No Odor
14:23	5	180	9.00	0.96	7.17	3.02	0.02	0.16	19.1	-57.5	Clear	No Odor
14:28	5	180	9.00	1.20	7.17	3.01	0.02	0.15	19.2	-59.0	Clear	No Odor
14:33	5	180	9.00	1.44	7.17	3.01	0.02	0.15	19.1	-59.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12400 Belden	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-223S			Date	11-04-2022
Project Name/Location		Ford LTP	Weather	54.0 degrees F and Mostly Cloudy. The wind is blowing S at 11.4 mph.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.5-13.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	12.4	Total Depth (ft-bmp)	13.22	Water Column (ft.)	0.82	Gallons in Well	0.13
		Pump Intake (ft-bmp)	13.1	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	19.31		--		
Sample Time: Label	11:30	Volume Purged	2.51 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	10:26						
Purge End	11:34						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:28	0	160	12.54	0.00	7.32	1.13	796.00	2.27	18.4	157.3	Orange	No Odor
10:33	5	160	12.55	0.21	7.27	1.16	252.00	1.59	18.5	79.0	Orange	No Odor
10:38	5	160	12.60	0.42	7.25	1.25	126.00	1.32	18.4	60.1	Clear	No Odor
10:43	5	160	12.60	0.63	7.25	1.25	35.20	1.17	18.4	56.1	Clear, Cloudy	No Odor
10:48	5	160	12.60	0.84	7.25	1.20	11.30	1.17	18.4	47.2	Clear	No Odor
10:53	5	160	12.60	1.05	7.25	1.14	7.20	0.94	18.4	41.4	Clear	No Odor
10:58	5	160	12.60	1.26	7.25	1.10	3.33	0.80	18.5	40.3	Clear	No Odor
11:03	5	160	12.60	1.47	7.25	1.08	2.42	0.72	18.4	40.0	Clear	No Odor
11:08	5	160	12.60	1.68	7.23	1.06	1.35	0.61	18.5	40.3	Clear	No Odor
11:13	5	150	12.60	1.89	7.24	1.06	4.09	0.62	18.6	39.7	Clear	No Odor
11:18	5	160	12.60	2.09	7.26	1.06	1.74	0.72	18.8	44.4	Clear	No Odor
11:23	5	160	12.60	2.30	7.27	1.06	3.89	0.82	18.8	42.3	Clear	No Odor
11:28	5	160	12.60	2.51	7.23	1.04	5.42	0.59	18.7	43.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	35000 Plymouth; Parking Lot	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-72			Date	10-31-2022
Project Name/Location		Ford LTP		Weather	54 degrees F and cloudy. The wind is blowing W at 18 mph, 71% humidity, 28.96 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.58	Total Depth (ft-bmp)	19.6	Water Column (ft.)	10.02	Gallons in Well	1.63
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.12		--		
Sample Time: Label	10:45	Volume Purged	1.82 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	09:54						
Purge End	10:46						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:56	0	200	9.59	0.00	7.12	11.32	0.47	0.88	17.9	-84.2	Clear	Faint Odor
10:01	5	200	9.60	0.26	7.38	11.32	0.02	0.40	17.9	-148.7	Clear	Faint Odor
10:06	5	200	9.60	0.00	7.41	11.23	0.02	0.34	18.0	-146.2	Clear	Faint Odor
10:11	5	200	9.60	0.26	7.42	11.17	0.02	0.31	17.9	-152.7	Clear	Faint Odor
10:16	5	200	9.60	0.52	7.43	11.16	0.02	0.32	17.9	-170.3	Clear	Faint Odor
10:21	5	200	9.60	0.78	7.43	11.17	0.02	0.28	17.9	-188.9	Clear	Faint Odor
10:26	5	200	9.60	1.04	7.44	11.11	0.02	0.23	18.0	-208.0	Clear	Faint Odor
10:31	5	200	9.60	1.30	7.44	11.06	0.02	0.20	18.0	-221.1	Clear	Faint Odor
10:36	5	200	9.60	1.56	7.44	11.04	0.02	0.18	18.0	-227.9	Clear	Faint Odor
10:41	5	200	9.60	1.82	7.44	11.00	0.02	0.20	18.0	-223.2	Clear	Faint Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-72S			Date	10-31-2022
Project Name/Location		Ford LTP	Weather	54 degrees F and cloudy. The wind is blowing W/SW at 18 mph, 74% humidity, 28.95 inHg.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.76	Total Depth (ft-bmp)	13	Water Column (ft.)	3.24	Gallons in Well	0.53
		Pump Intake (ft-bmp)	11.26	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.94		--		
Sample Time: Label	11:50	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	11:11						
Purge End	11:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:14	0	200	9.81	0.00	7.41	5.06	3.08	1.50	18.2	-93.2	Clear	Faint Odor
11:19	5	200	9.81	0.26	7.38	5.29	2.96	0.85	18.4	-185.6	Clear	Faint Odor
11:24	5	200	9.82	0.52	7.38	5.31	2.04	0.58	18.1	-216.8	Clear	Faint Odor
11:29	5	200	9.82	0.78	7.35	5.31	0.22	0.53	18.6	-227.0	Clear	No Odor
11:34	5	200	9.82	1.04	7.27	5.30	0.02	0.55	18.7	-229.0	Clear	No Odor
11:39	5	200	9.82	1.30	7.23	5.29	0.02	0.54	18.7	-228.2	Clear	Faint Odor
11:44	5	200	9.82	1.56	7.20	5.31	0.02	0.58	18.7	-237.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments Vault full of water. Removed prior to opening J-Plug.

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-73D			Date	10-31-2022
Project Name/Location		Ford LTP	Weather	59 degrees F and cloudy. The wind is blowing SW at 17 mph, 82% humidity, 28.94 inHg.			
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	13.5-18.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		7.28	Total Depth (ft-bmp)	17.35	Water Column (ft.)	10.07	Gallons in Well	1.64
			Pump Intake (ft-bmp)	16	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	1.11		--		
Sample Time:	Label	13:55	Volume Purged	1.82 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start	13:15						
	Purge End	14:01						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:17	0	200	7.45	0.00	7.29	7.00	0.02	0.90	18.1	-223.5	Clear	No Odor
13:22	5	200	7.48	0.26	7.33	7.19	0.02	0.27	18.2	-271.5	Clear	No Odor
13:27	5	200	7.48	0.52	7.34	7.19	0.02	0.20	18.2	-281.3	Clear	No Odor
13:32	5	200	7.48	0.78	7.33	7.24	0.02	0.21	18.2	-274.6	Clear	No Odor
13:37	5	200	7.48	1.04	7.33	7.35	0.02	0.18	18.2	-279.5	Clear	No Odor
13:42	5	200	7.48	1.30	7.32	7.59	0.02	0.17	18.3	-286.8	Clear	No Odor
13:47	5	200	7.48	1.56	7.32	7.59	0.02	0.17	18.2	-290.9	Clear	No Odor
13:52	5	200	7.48	1.82	7.32	7.74	0.02	0.16	18.3	-294.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	12250 Belden ct row	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-73SR			Date	10-31-2022
Project Name/Location	Ford LTP	Weather	54 degrees F and cloudy. The wind is blowing SW at 17 mph, 82% humidity, 28.94 inHg.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.3	Total Depth (ft-bmp)	12.35	Water Column (ft.)	5.05	Gallons in Well	0.82
		Pump Intake (ft-bmp)	8.8	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.9		--		Sam Sukaria
Sample Time:	Label 12:50	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	
	Purge Start 12:15						
	Purge End 12:53						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:17	0	200	7.32	0.00	6.81	4.93	1.00	0.93	18.2	-151.0	Clear	No Odor
12:22	5	200	7.32	0.26	6.88	5.80	1.38	0.60	18.4	-219.9	Clear	No Odor
12:27	5	200	7.32	0.52	6.97	6.52	0.02	0.27	18.5	-236.8	Clear	No Odor
12:32	5	200	7.32	0.78	6.97	6.61	0.02	0.22	18.5	-244.7	Clear	No Odor
12:37	5	200	7.32	1.04	6.98	6.68	0.02	0.22	18.5	-251.6	Clear	No Odor
12:42	5	200	7.32	1.30	6.99	6.73	0.02	0.21	18.5	-256.1	Clear	No Odor
12:47	5	200	7.32	1.56	7.00	6.78	0.02	0.19	18.4	-258.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-74			Date	11-01-2022
Project Name/Location		Ford LTP	Weather	54 degrees F and sunny. The wind is blowing W/NW at 7 mph, 67 % humidity, 30.11 inHg.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14.0-19.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.15	Total Depth (ft-bmp)	18.75	Water Column (ft.)	10.6	Gallons in Well	1.72
		Pump Intake (ft-bmp)	16.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.91		MW-74-MS_110122, MW-74-MSD_110122		
Sample Time:	Label 10:40	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start 10:07						
	Purge End 11:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:09	0	200	8.19	0.00	7.11	7.11	5.44	0.56	17.6	-28.9	Clear	Faint Odor
10:14	5	200	8.19	0.26	7.29	7.19	3.28	0.31	17.7	-80.3	Clear	No Odor
10:19	5	200	8.19	0.52	7.31	7.27	4.22	0.50	18.2	-92.2	Clear	No Odor
10:24	5	200	8.19	0.78	7.31	7.30	1.74	0.48	17.7	-99.0	Clear	No Odor
10:29	5	200	8.19	1.04	7.32	7.30	0.02	0.25	17.6	-103.7	Clear	No Odor
10:34	5	200	8.19	1.30	7.32	7.35	0.02	0.22	17.6	-106.5	Clear	No Odor
10:39	5	200	8.19	1.56	7.32	7.39	0.02	0.21	17.6	-108.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Good,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-74S			Date	11-01-2022
Project Name/Location		Ford LTP	Weather	59 degrees F and sunny. The wind is blowing W/SW at 7 mph, 50 % humidity, 30.12 inHg.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.16	Total Depth (ft-bmp)	12.4	Water Column (ft.)	4.24	Gallons in Well	0.69
		Pump Intake (ft-bmp)	9.66	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.12		--		Sam Sukaria
Sample Time:	Label 12:00	Volume Purged	1.46 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:25						
	Purge End 12:02						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:27	0	180	8.19	0.00	6.83	8.15	8.77	0.87	18.2	-27.7	Clear	No Odor
11:32	5	180	8.19	0.24	6.88	8.27	2.04	0.37	18.2	-49.4	Clear	No Odor
11:37	5	180	8.19	0.48	6.94	8.67	0.02	0.33	18.3	-68.4	Clear	No Odor
11:42	5	200	8.19	0.72	6.99	8.92	0.02	0.27	18.3	-75.1	Clear	No Odor
11:47	5	180	8.19	0.98	7.01	9.02	0.02	0.26	18.4	-75.9	Clear	No Odor
11:52	5	180	8.19	1.22	7.02	9.08	0.02	0.25	18.3	-75.5	Clear	No Odor
11:57	5	180	8.19	1.46	7.02	9.13	0.02	0.25	18.4	-75.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Good,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-75D			Date	11-02-2022
Project Name/Location	Ford LTP			Weather	52 degrees F and sunny. The wind is blowing S at 3 mph, 69% humidity, 29.68 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12.0-17.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.99	Total Depth (ft-bmp)	16.53	Water Column (ft.)	9.54	Gallons in Well	1.55
		Pump Intake (ft-bmp)	14.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.24		--		
Sample Time: Label	11:45	Volume Purged	1.92 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	10:57						
Purge End	11:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:00	0	180	7.05	0.00	7.66	7.84	105.00	0.80	17.1	-102.6	Clear, Cloudy	Faint Odor
11:05	5	180	7.05	0.24	7.66	8.04	109.00	0.27	17.1	-156.8	Cloudy	Faint Odor
11:10	5	180	7.05	0.48	7.64	8.20	116.00	0.15	17.2	-177.0	Cloudy	Faint Odor
11:15	5	180	7.05	0.72	7.63	8.27	81.00	0.15	17.2	-186.1	Cloudy	Faint Odor
11:20	5	180	7.05	0.96	7.61	8.40	61.00	0.15	17.2	-192.6	Cloudy	Faint Odor
11:25	5	180	7.05	1.20	7.59	8.48	48.10	0.12	17.2	-196.7	Cloudy	Faint Odor
11:30	5	180	7.05	1.44	7.59	8.52	32.40	0.11	17.2	-200.0	Turbid	Faint Odor
11:35	5	180	7.05	1.68	7.58	8.56	32.60	0.12	17.1	-201.5	Turbid	Faint Odor
11:40	5	180	7.05	1.92	7.56	8.62	31.50	0.11	17.3	-203.9	Clear, Turbid	Faint Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-75SR			Date	11-02-2022
Project Name/Location	Ford LTP			Weather	63 degrees F and sunny. The wind is blowing S at 6 mph, 58% humidity, 29.67 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.08	Total Depth (ft-bmp)	12.35	Water Column (ft.)	5.27	Gallons in Well	0.86
		Pump Intake (ft-bmp)	8.58	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.42		DUP-13		
Sample Time: Label	12:55	Volume Purged	2.08 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	12:12						
Purge End	13:04						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:14	0	200	7.11	0.00	7.21	2.56	4.83	0.40	17.3	-68.6	Clear, Small Orange Particulates	No Odor
12:19	5	200	7.10	0.26	7.28	2.70	0.88	0.23	17.3	-66.8	Clear, Small Orange Particulates	No Odor
12:24	5	200	7.10	0.52	7.35	3.16	0.02	0.19	17.3	-64.7	Clear	No Odor
12:29	5	200	7.10	0.78	7.33	3.97	0.02	0.15	17.3	-64.7	Clear	No Odor
12:34	5	200	7.10	1.04	7.33	4.69	0.02	0.14	17.3	-76.5	Clear	No Odor
12:39	5	200	7.10	1.30	7.39	4.95	0.02	0.13	17.3	-92.9	Clear	No Odor
12:44	5	200	7.10	1.56	7.40	5.08	0.02	0.13	17.4	-102.0	Clear	No Odor
12:49	5	200	7.10	1.82	7.40	5.22	0.02	0.13	17.3	-107.3	Clear	No Odor
12:54	5	200	7.10	2.08	7.41	5.22	0.02	0.13	17.3	-110.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Broken thread tabs,Good,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-76			Date	11-03-2022
Project Name/Location	Ford LTP			Weather	57.9 degrees F and Haze. The wind is blowing S/SW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.9	Total Depth (ft-bmp)	19.6	Water Column (ft.)	8.7	Gallons in Well	1.41
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.04		--		Samantha Hindle
Sample Time:	Label 14:25	Volume Purged	2.88 gallons	Replicate/Code No.		Sampled by	
	Purge Start 13:20						
	Purge End 14:29						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:22	0	180	10.90	0.00	7.46	9.31	2.98	0.47	18.7	112.2	Clear	No Odor
13:27	5	180	10.90	0.24	7.53	7.43	1.19	0.29	18.7	105.6	Clear	No Odor
13:32	5	180	10.90	0.48	7.51	7.60	1.23	0.67	19.0	106.5	Clear	No Odor
13:37	5	180	10.90	0.72	7.53	7.62	1.06	0.53	18.7	100.8	Clear	No Odor
13:42	5	180	10.90	0.96	7.49	7.56	1.00	0.25	18.7	75.7	Clear	No Odor
13:47	5	180	10.90	1.20	7.49	7.59	0.28	0.23	18.9	58.9	Clear	No Odor
13:52	5	180	10.90	1.44	7.48	7.65	1.32	0.17	18.8	37.2	Clear	No Odor
13:57	5	180	10.90	1.68	7.48	7.70	0.93	0.22	18.8	23.7	Clear	No Odor
14:02	5	180	10.90	1.92	7.40	7.72	1.22	0.18	18.8	13.4	Clear	No Odor
14:07	5	180	10.90	2.16	7.47	7.73	0.99	0.14	18.9	5.9	Clear	No Odor
14:12	5	180	10.90	2.40	7.47	7.90	0.45	0.09	18.9	-4.0	Clear	No Odor
14:17	5	180	10.90	2.64	7.48	7.80	0.65	0.24	19.0	-5.4	Clear	No Odor
14:22	5	180	10.90	2.88	7.47	7.83	0.04	0.14	19.0	-8.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Plymouth ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-76S			Date	11-03-2022
Project Name/Location	Ford LTP			Weather	66.9 degrees F and Partly Cloudy. The wind is blowing S/SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.8	Total Depth (ft-bmp)	14.12	Water Column (ft.)	3.32	Gallons in Well	0.54
		Pump Intake (ft-bmp)	12.3	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4		--		
Sample Time: Label	15:35	Volume Purged	2.16 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	14:45						
Purge End	15:39						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:46	0	180	10.80	0.00	7.28	3.09	90.50	0.47	19.6	-77.5	Clear, Orange, Small Orange Particulates	No Odor
14:51	5	180	10.80	0.24	7.29	3.14	55.40	0.32	19.5	-61.3	Clear, Small Orange Particulates	No Odor
14:56	5	180	10.80	0.48	7.35	3.12	40.00	0.34	19.4	-45.5	Clear, Small Orange Particulates	No Odor
15:01	5	180	10.80	0.72	7.44	3.15	19.80	0.26	19.4	-26.8	Clear, Small Orange Particulates	No Odor
15:06	5	180	10.80	0.96	7.45	3.14	16.00	0.38	19.5	-26.9	Clear	No Odor
15:11	5	180	10.80	1.20	7.47	3.12	9.66	0.21	19.4	-28.2	Clear	No Odor
15:16	5	180	10.80	1.44	7.49	3.12	6.64	0.21	19.4	-29.4	Clear	No Odor
15:21	5	180	10.80	1.68	7.49	3.11	4.07	0.35	19.3	-29.2	Clear	No Odor
15:26	5	180	10.80	1.92	7.50	3.09	3.18	0.27	19.4	-30.1	Clear	No Odor
15:31	5	180	10.80	2.16	7.50	3.07	1.95	0.35	19.6	-26.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Plymouth ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-77			Date	11-04-2022
Project Name/Location	Ford LTP			Weather	71.1 degrees F and Mostly Cloudy. The wind is blowing S/SW at 17.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.0-14.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.72	Total Depth (ft-bmp)	13.7	Water Column (ft.)	6.98	Gallons in Well	1.13
		Pump Intake (ft-bmp)	11.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.61		--		Samantha Hindle
Sample Time:	Label 14:44	Volume Purged	1.82 gallons	Replicate/Code No.		Sampled by	
	Purge Start 13:55						
	Purge End 14:47						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:56	0	150	6.74	0.00	7.31	1.85	6.76	1.03	19.3	-60.4	Clear	No Odor
14:01	5	150	6.74	0.20	7.30	1.82	4.53	0.77	19.4	-57.0	Clear	No Odor
14:06	5	150	6.74	0.40	7.33	1.64	3.74	0.21	19.1	-60.5	Clear	No Odor
14:11	5	150	6.74	0.61	7.35	1.45	2.22	0.23	19.3	-69.6	Clear	No Odor
14:16	5	150	6.74	0.81	7.37	1.37	0.02	0.24	19.1	-77.6	Clear	No Odor
14:21	5	150	6.74	1.02	7.36	1.32	0.02	0.23	19.0	-77.8	Clear	No Odor
14:26	5	150	6.74	1.22	7.36	1.30	0.02	0.30	18.9	-78.2	Clear	No Odor
14:31	5	150	6.74	1.42	7.36	1.27	0.02	0.36	19.0	-77.0	Clear	No Odor
14:36	5	150	6.74	1.62	7.37	1.25	0.02	0.37	19.0	-79.7	Clear	No Odor
14:41	5	150	6.74	1.82	7.38	1.24	0.02	0.40	19.1	-79.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-77S			Date	11-04-2022
Project Name/Location	Ford LTP			Weather	73.9 degrees F and Mostly Cloudy. The wind is blowing S/SW at 17.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.68	Total Depth (ft-bmp)	12.15	Water Column (ft.)	5.47	Gallons in Well	0.89
		Pump Intake (ft-bmp)	8.18	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.72				
Sample Time: Label	16:04	Volume Purged	2.42 gallons	Replicate/Code No.	MW-77S-MS_110422, MW-77S-MSD_110422	Sampled by	Samantha Hindle
Purge Start	15:03						
Purge End	16:16						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:04	0	170	6.68	0.00	7.49	0.41	15.30	1.83	19.3	64.4	Clear, Small Brown Particulates	No Odor
15:09	5	170	6.68	0.22	7.41	0.40	14.30	0.54	19.0	65.8	Clear, Small Brown Particulates	No Odor
15:14	5	170	6.68	0.44	7.38	0.40	10.30	0.27	19.0	67.5	Clear	No Odor
15:19	5	170	6.68	0.66	7.39	0.40	5.84	0.28	19.0	66.9	Clear	No Odor
15:24	5	170	6.68	0.88	7.42	0.41	3.66	0.18	19.0	64.6	Clear	No Odor
15:29	5	170	6.68	1.10	7.42	0.44	2.54	0.18	19.1	65.0	Clear	No Odor
15:34	5	170	6.68	1.32	7.40	0.49	2.06	0.16	19.0	68.4	Clear	No Odor
15:39	5	170	6.68	1.54	7.42	0.50	1.10	0.13	19.1	67.3	Clear	No Odor
15:44	5	170	6.68	1.76	7.43	0.52	0.79	0.19	19.2	65.5	Clear	No Odor
15:49	5	170	6.68	1.98	7.43	0.54	1.45	0.13	19.1	66.0	Clear	No Odor
15:54	5	170	6.68	2.20	7.44	0.54	0.62	0.14	19.2	65.1	Clear	No Odor
15:59	5	170	6.68	2.42	7.44	0.54	1.05	0.16	19.2	64.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-78			Date	11-11-2022
Project Name/Location		Ford LTP		Weather	62 degrees F and Mostly Clear. The wind is blowing S at 3 mph. 59% humidity, 29.6 inHg.		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	7.0-12.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		4.2	Total Depth (ft-bmp)	11.75	Water Column (ft.)	7.55	Gallons in Well	1.23
			Pump Intake (ft-bmp)	9.5	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	1.27		--		
Sample Time:	Label	14:15	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start	13:39						
	Purge End	14:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:41	0	200	4.23	0.00	7.27	4.30	3.93	1.09	14.8	-16.8	Clear	No Odor
13:46	5	200	4.24	0.26	7.35	4.29	4.46	0.30	14.7	-74.0	Clear, Small Orange Particulates	No Odor
13:51	5	200	4.24	0.52	7.39	3.94	2.74	0.25	14.7	-85.6	Clear	No Odor
13:56	5	200	4.24	0.78	7.41	3.66	0.35	0.26	14.7	-88.7	Clear	No Odor
14:01	5	200	4.24	1.04	7.42	3.48	0.38	0.29	14.6	-90.2	Clear	No Odor
14:06	5	200	4.24	1.30	7.42	3.45	0.02	0.30	14.6	-91.3	Clear	No Odor
14:11	5	200	4.24	1.56	7.43	3.40	0.02	0.34	14.6	-92.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-78S			Date	11-11-2022
Project Name/Location	Ford LTP			Weather	63 degrees F and Mostly Clear. The wind is blowing W/SW at 3 mph. 60% humidity, 29.7 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.45	Total Depth (ft-bmp)	12.3	Water Column (ft.)	7.85	Gallons in Well	1.28
		Pump Intake (ft-bmp)	5.95	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.83		--		Sam Sukaria
Sample Time: Label	15:20	Volume Purged	2.34 gallons	Replicate/Code No.		Sampled by	
Purge Start	14:30						
Purge End	15:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:34	0	200	4.48	0.00	7.33	1.03	3.10	0.65	14.0	-28.4	Clear	No Odor
14:39	5	200	4.45	0.26	7.35	1.27	0.83	0.20	14.0	-61.8	Clear, Small Black Particulates	No Odor
14:44	5	200	4.45	0.52	7.39	1.46	0.25	0.18	14.1	-69.2	Clear, Small Black Particulates	No Odor
14:49	5	200	4.45	0.78	7.40	1.80	0.02	0.12	14.1	-78.4	Clear, Small Black Particulates	No Odor
14:54	5	200	4.45	1.04	7.40	2.05	0.02	0.12	14.1	-81.6	Clear	No Odor
14:59	5	200	4.45	1.30	7.40	2.22	0.02	0.14	14.1	-86.9	Clear	No Odor
15:04	5	200	4.45	1.56	7.40	2.33	0.02	0.12	14.1	-89.4	Clear	No Odor
15:09	5	200	4.45	1.82	7.40	2.40	0.02	0.12	14.1	-90.7	Clear	No Odor
15:14	5	200	4.45	2.08	7.41	2.43	0.02	0.11	14.1	-91.0	Clear	No Odor
15:19	5	200	4.45	2.34	7.41	2.46	0.02	0.11	14.1	-91.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-79D			Date	11-11-2022
Project Name/Location	Ford LTP			Weather	61.0 degrees F and Cloudy. The wind is blowing S at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10.0-15.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.08	Total Depth (ft-bmp)	14.62	Water Column (ft.)	7.54	Gallons in Well	1.23
		Pump Intake (ft-bmp)	12.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.97		--		
Sample Time:	Label 14:46	Volume Purged	1.19 gallons	Replicate/Code No.		Sampled by	Gary Schafer
	Purge Start 14:08						
	Purge End 14:58						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:10	0	125	7.08	0.00	7.07	5.88	1.55	1.42	15.5	-73.6	Clear	No Odor
14:15	5	125	7.08	0.17	7.07	5.87	0.49	0.87	15.5	-77.0	Clear	No Odor
14:20	5	125	7.08	0.34	7.08	5.82	0.27	0.64	15.5	-79.3	Clear	No Odor
14:25	5	125	7.08	0.51	7.08	5.79	0.33	0.62	15.4	-80.4	Clear	No Odor
14:30	5	125	7.08	0.68	7.08	5.75	0.17	0.66	15.4	-81.7	Clear	No Odor
14:35	5	125	7.08	0.85	7.09	5.72	0.08	0.55	15.4	-82.4	Clear	No Odor
14:40	5	125	7.08	1.02	7.09	5.70	0.24	0.55	15.4	-83.1	Clear	No Odor
14:45	5	125	7.08	1.19	7.09	5.69	0.17	0.53	15.4	-83.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-79SR			Date	11-11-2022
Project Name/Location	Ford LTP			Weather	59.0 degrees F and Cloudy. The wind is blowing S at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.95	Total Depth (ft-bmp)	12.25	Water Column (ft.)	5.3	Gallons in Well	0.86
		Pump Intake (ft-bmp)	8.45	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.38		--		Gary Schafer
Sample Time:	Label 13:41	Volume Purged	1.19 gallons	Replicate/Code No.		Sampled by	
	Purge Start 13:03						
	Purge End 13:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:05	0	125	6.97	0.00	6.98	4.25	1.33	4.42	15.6	-51.6	Clear	No Odor
13:10	5	125	6.97	0.17	6.99	4.27	2.14	3.99	15.6	-53.9	Clear	No Odor
13:15	5	125	6.98	0.34	7.01	4.33	1.36	3.91	15.6	-58.4	Clear	No Odor
13:20	5	125	6.98	0.51	7.02	4.32	1.18	3.68	15.6	-60.6	Clear	No Odor
13:25	5	125	6.98	0.68	7.03	4.32	1.25	3.60	15.6	-62.0	Clear	No Odor
13:30	5	125	6.98	0.85	7.04	4.36	0.68	3.68	15.6	-63.5	Clear	No Odor
13:35	5	125	6.98	1.02	7.04	4.36	0.67	3.40	15.6	-65.2	Clear	No Odor
13:40	5	125	6.98	1.19	7.04	4.37	0.63	3.41	15.6	-66.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-80SR			Date	11-14-2022
Project Name/Location	Ford LTP			Weather	33.1 degrees F and Mostly Cloudy. The wind is blowing NW at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.52	Total Depth (ft-bmp)	12.21	Water Column (ft.)	7.69	Gallons in Well	1.25
		Pump Intake (ft-bmp)	6.02	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.44		--		
Sample Time: Label	10:46	Volume Purged	1.8 gallons	Replicate/Code No.		Sampled by	Leticia Ferreira
Purge Start	10:03						
Purge End	10:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:05	0	300	4.55	0.00	7.06	2.17	32.80	1.26	13.4	-34.7	Clear, Small White Particulates	No Odor
10:10	5	150	4.56	0.40	7.07	2.21	20.40	1.12	13.7	-42.8	Clear, Small White Particulates	No Odor
10:15	5	150	4.56	0.60	7.07	2.32	13.60	0.43	13.6	-51.6	Clear	No Odor
10:20	5	150	4.56	0.80	7.04	2.32	11.10	0.34	13.8	-56.6	Clear, Small White Particulates	No Odor
10:25	5	150	4.57	1.00	7.03	2.33	9.15	0.29	14.0	-57.6	Clear, Small White Particulates	No Odor
10:30	5	150	4.57	1.20	7.03	2.34	7.29	0.28	14.0	-58.7	Clear, Small White Particulates	No Odor
10:35	5	150	4.56	1.40	7.02	2.33	5.98	0.26	14.3	-60.2	Clear, Small White Particulates	No Odor
10:40	5	150	4.57	1.60	7.02	2.34	5.60	0.27	14.3	-60.2	Clear, Small White Particulates	No Odor
10:45	5	150	4.57	1.80	7.02	2.34	5.48	0.27	14.4	-61.9	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Brewster ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-81			Date	11-07-2022
Project Name/Location	Ford LTP			Weather	46.9 degrees F and Clear. The wind is blowing W/NW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.06	Total Depth (ft-bmp)	12.66	Water Column (ft.)	4.6	Gallons in Well	0.75
		Pump Intake (ft-bmp)	10.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.27		--		Leticia Ferreira
Sample Time:	Label	Volume Purged	1.7 gallons	Replicate/Code No.		Sampled by	
	Purge Start	09:31					
	Purge End	09:34					

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:00	0	300	8.06	0.00	7.23	1.55	25.80	2.23	15.6	135.5	Clear, Small White Particulates	No Odor
09:05	5	200	8.35	0.40	7.30	1.56	22.70	1.12	16.0	117.1	Clear, Small White Particulates	No Odor
09:10	5	200	8.50	0.66	7.28	1.57	25.30	0.97	16.3	100.5	Clear	No Odor
09:15	5	200	8.63	0.92	7.26	1.58	23.00	0.79	16.3	91.3	Clear	No Odor
09:20	5	200	8.75	1.18	7.23	1.58	23.00	0.86	16.3	83.7	Clear	No Odor
09:25	5	200	8.84	1.44	7.19	1.59	23.00	0.95	16.4	90.8	Clear	No Odor
09:30	5	200	8.90	1.70	7.19	1.61	21.80	0.90	16.2	89.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-81S			Date	11-07-2022
Project Name/Location	Ford LTP			Weather	52.0 degrees F and Clear. The wind is blowing W at 15.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.5	Total Depth (ft-bmp)	12.51	Water Column (ft.)	4.01	Gallons in Well	0.65
		Pump Intake (ft-bmp)	10	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.25		--		Leticia Ferreira
Sample Time:	Label 10:22	Volume Purged	1.46 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:49						
	Purge End 10:27						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:51	0	300	8.60	0.00	7.19	1.68	75.60	1.55	15.4	117.7	Clear, Turbid	No Odor
09:56	5	200	8.70	0.40	7.20	1.70	52.70	3.43	15.6	73.9	Clear, Turbid	No Odor
10:01	5	150	8.70	0.66	7.15	1.80	52.00	2.15	15.1	71.9	Clear, Turbid	No Odor
10:06	5	150	8.70	0.86	7.12	1.81	47.90	1.70	15.1	71.7	Clear, Turbid	No Odor
10:11	5	150	8.90	1.06	7.16	1.80	45.90	1.62	15.0	71.8	Clear, Turbid	No Odor
10:16	5	150	9.20	1.26	7.16	1.80	42.00	1.56	15.0	72.0	Clear	No Odor
10:21	5	150	9.20	1.46	7.17	1.80	45.90	1.55	14.9	72.4	Clear, Turbid	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-82D			Date	11-03-2022
Project Name/Location		Ford LTP		Weather	45 degrees F and Fog. The wind is blowing at 0.0 mph, 80% humidity, 30.36 inHg.		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	18.0-23.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		9.07	Total Depth (ft-bmp)	22.7	Water Column (ft.)	13.63	Gallons in Well	2.21
			Pump Intake (ft-bmp)	20.5	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	0.57		--		
Sample Time:	Label	10:05	Volume Purged	1.26 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start	09:28						
	Purge End	10:08						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:30	0	160	9.10	0.00	7.33	1.11	0.53	1.45	15.6	10.7	Clear	No Odor
09:35	5	160	9.10	0.21	7.34	1.14	0.02	0.94	15.0	-30.4	Clear	No Odor
09:40	5	160	9.10	0.42	7.34	1.15	0.02	0.43	16.4	-52.9	Clear	No Odor
09:45	5	160	9.10	0.63	7.34	1.16	0.02	0.26	16.5	-62.8	Clear	No Odor
09:50	5	160	9.10	0.84	7.34	1.16	0.02	0.24	16.5	-67.3	Clear	No Odor
09:55	5	160	9.10	1.05	7.34	1.17	0.02	0.22	16.6	-69.6	Clear	No Odor
10:00	5	160	9.10	1.26	7.34	1.18	0.02	0.18	16.6	-71.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-82SR			Date	11-03-2022
Project Name/Location	Ford LTP			Weather	47 degrees F and Fog, The wind is blowing at 0.0 mph, 80% humidity, 30.36 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.0-15.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.09	Total Depth (ft-bmp)	16.1	Water Column (ft.)	7.01	Gallons in Well	1.14
		Pump Intake (ft-bmp)	10.59	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.37		--		
Sample Time: Label	11:05	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	10:28						
Purge End	11:07						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:32	0	200	9.61	0.00	7.02	1.27	0.98	0.95	17.1	34.1	Clear	No Odor
10:37	5	200	9.67	0.26	7.02	1.30	0.02	0.48	17.3	48.3	Clear	No Odor
10:42	5	200	9.75	0.52	7.03	1.32	0.02	4.12	17.2	47.0	Clear	No Odor
10:47	5	200	9.78	0.78	7.02	1.33	0.02	0.25	17.3	24.5	Clear	No Odor
10:52	5	200	9.75	1.04	7.02	1.33	0.02	0.22	17.4	14.6	Clear	No Odor
10:57	5	200	9.75	1.30	7.02	1.33	0.02	0.23	17.4	9.9	Clear	No Odor
11:02	5	200	9.75	1.56	7.02	1.33	0.02	0.21	17.4	7.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-83			Date	11-01-2022
Project Name/Location		Ford LTP		Weather	55.0 degrees F and Fog/Mist. The wind is blowing NW at 9.2 mph.		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		8.32	Total Depth (ft-bmp)	12.41	Water Column (ft.)	4.09	Gallons in Well	0.66
			Pump Intake (ft-bmp)	10.5	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	2.36		--		
Sample Time:	Label	10:10	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Leticia Ferreira
	Purge Start	09:37						
	Purge End	10:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:39	0	200	8.37	0.00	6.94	1.57	0.87	9.43	16.2	154.0	Clear	No Odor
09:44	5	200	8.36	0.26	7.06	1.61	0.02	8.97	16.2	137.1	Clear	No Odor
09:49	5	200	8.36	0.52	7.09	1.61	0.02	8.84	16.3	97.8	Clear	No Odor
09:54	5	200	8.36	0.78	7.10	1.63	0.02	8.66	16.3	86.3	Clear	No Odor
09:59	5	200	8.35	1.04	7.11	1.65	0.26	8.53	16.3	72.9	Clear, Small Black Particulates	No Odor
10:04	5	200	8.36	1.30	7.12	1.66	0.30	8.26	16.3	72.8	Clear	No Odor
10:09	5	200	8.36	1.56	7.12	1.67	0.46	8.05	16.3	70.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-83S			Date	11-01-2022
Project Name/Location		Ford LTP	Weather	57.0 degrees F and Mostly Clear. The wind is blowing W at 6.9 mph.			
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		8.49	Total Depth (ft-bmp)	12.79	Water Column (ft.)	4.3	Gallons in Well	0.7
			Pump Intake (ft-bmp)	9.99	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	2.23		--		
Sample Time:	Label	11:01	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Leticia Ferreira
	Purge Start	10:28						
	Purge End	11:03						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	200	8.50	0.00	6.91	2.53	2.53	0.54	16.3	-61.4	Clear, Small Brown Particulates	No Odor
10:35	5	200	8.52	0.26	7.17	2.24	1.40	0.35	16.3	-73.7	Clear	No Odor
10:40	5	200	8.53	0.52	7.19	1.90	0.58	0.30	16.4	-74.6	Clear	No Odor
10:45	5	200	8.52	0.78	7.19	1.80	0.49	0.20	16.4	-75.2	Clear	No Odor
10:50	5	200	8.52	1.04	7.18	1.72	0.02	0.20	16.4	-76.2	Clear	No Odor
10:55	5	200	8.52	1.30	7.18	1.68	0.02	0.17	16.5	-78.3	Clear	No Odor
11:00	5	200	8.52	1.56	7.18	1.71	0.02	0.17	16.5	-78.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-84			Date	11-04-2022
Project Name/Location		Ford LTP	Weather	53 degrees F and Cloudy. The wind is blowing S/SW at 11 mph, 60% humidity, 30.1 inHg.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.06	Total Depth (ft-bmp)	12.5	Water Column (ft.)	6.44	Gallons in Well	1.05
		Pump Intake (ft-bmp)	10.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.49		--		Sam Sukaria
Sample Time: Label	10:10	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:32						
Purge End	10:13						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:37	0	200	6.08	0.00	7.40	1.85	1.21	0.82	16.3	-28.7	Clear	No Odor
09:42	5	200	6.08	0.26	7.41	2.08	0.02	0.38	16.3	-40.2	Clear	No Odor
09:47	5	200	6.08	0.52	7.40	2.38	0.02	0.25	16.3	-50.6	Clear	No Odor
09:52	5	200	6.08	0.78	7.38	2.60	0.02	0.24	16.3	-54.7	Clear	No Odor
09:57	5	200	6.08	1.04	7.37	2.74	0.02	0.23	16.4	-58.3	Clear	No Odor
10:02	5	200	6.08	1.30	7.36	2.77	0.02	0.29	16.4	-58.9	Clear	No Odor
10:07	5	200	6.08	1.56	7.36	2.82	0.02	0.30	16.4	-61.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-84S			Date	11-04-2022
Project Name/Location		Ford LTP	Weather	59 degrees F and Cloudy. The wind is blowing at 0.0 mph, 70% humidity, 30.09 inHg.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.2	Total Depth (ft-bmp)	12.65	Water Column (ft.)	6.45	Gallons in Well	1.05
		Pump Intake (ft-bmp)	7.7	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.48		--		
Sample Time:	Label 11:25	Volume Purged	2.6 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start 10:32						
	Purge End 11:29						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:34	0	200	6.20	0.00	7.25	0.84	7.10	0.95	16.2	140.5	Clear	No Odor
10:39	5	200	6.20	0.26	7.22	0.91	6.34	0.29	16.3	24.3	Clear	No Odor
10:44	5	200	6.20	0.52	7.22	0.99	0.14	0.19	16.4	-43.2	Clear	No Odor
10:49	5	200	6.20	0.78	7.24	1.03	0.02	0.17	16.4	-54.2	Clear	No Odor
10:54	5	200	6.20	1.04	7.27	1.09	0.02	0.17	16.4	-58.6	Clear	No Odor
10:59	5	200	6.20	1.30	7.29	1.19	0.02	0.15	16.4	-64.7	Clear	No Odor
11:04	5	200	6.20	1.56	7.30	1.31	0.02	0.14	16.4	-67.7	Clear	No Odor
11:09	5	200	6.20	1.82	7.31	1.42	0.02	0.13	16.4	-68.9	Clear	No Odor
11:14	5	200	6.20	2.08	7.31	1.51	0.02	0.12	16.4	-70.1	Clear	No Odor
11:19	5	200	6.20	2.34	7.32	1.53	0.02	0.17	16.5	-67.3	Clear	No Odor
11:24	5	200	6.20	2.60	7.31	1.52	0.02	0.14	16.5	-69.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-85			Date	11-02-2022
Project Name/Location	Ford LTP			Weather	46.0 degrees F and Fog and Fog/Mist. The wind is blowing N/NW at 0.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.72	Total Depth (ft-bmp)	12.68	Water Column (ft.)	5.96	Gallons in Well	0.97
		Pump Intake (ft-bmp)	10.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.75		--		Leticia Ferreira
Sample Time:	Label 09:23	Volume Purged	1.7 gallons	Replicate/Code No.		Sampled by	
	Purge Start 08:50						
	Purge End 09:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:52	0	300	6.79	0.00	7.13	4.10	8.92	5.65	15.5	-75.7	Clear	No Odor
08:57	5	200	6.78	0.40	7.14	4.07	4.65	5.62	15.1	-47.1	Clear	No Odor
09:02	5	200	6.79	0.66	7.12	3.94	1.99	5.59	15.1	-69.1	Clear	No Odor
09:07	5	200	6.79	0.92	7.07	3.83	1.53	5.38	15.2	-66.7	Clear	No Odor
09:12	5	200	6.79	1.18	7.07	3.82	0.89	5.39	15.2	-68.8	Clear	No Odor
09:17	5	200	6.79	1.44	7.05	3.82	0.82	5.29	15.2	-68.2	Clear	No Odor
09:22	5	200	6.79	1.70	7.04	3.81	2.23	5.14	15.3	-69.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-85SR			Date	11-01-2022
Project Name/Location	Ford LTP			Weather	68.0 degrees F and Clear. The wind is blowing W/SW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.81	Total Depth (ft-bmp)	8.19	Water Column (ft.)	1.38	Gallons in Well	0.22
		Pump Intake (ft-bmp)	7.81	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	7.73		DUP-07		
Sample Time:	Label 16:31	Volume Purged	1.7 gallons	Replicate/Code No.		Sampled by	Leticia Ferreira
	Purge Start 15:58						
	Purge End 16:36						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:00	0	300	6.84	0.00	6.96	3.51	634.00	1.00	16.2	-33.0	Brown	No Odor
16:05	5	200	6.84	0.40	6.94	3.36	246.00	1.14	16.2	-38.9	Clear, Small Brown Particulates	No Odor
16:10	5	200	6.84	0.66	6.94	3.36	84.10	1.09	16.1	-47.6	Clear, Small Brown Particulates	No Odor
16:15	5	200	6.85	0.92	6.98	3.17	6.76	0.83	16.1	-61.6	Clear	No Odor
16:20	5	200	6.84	1.18	6.99	3.16	2.59	2.05	16.0	-66.8	Clear, Small Brown Particulates	No Odor
16:25	5	200	6.84	1.44	7.00	3.15	1.04	1.99	16.0	-67.1	Clear, Small Brown Particulates	No Odor
16:30	5	200	6.85	1.70	7.01	3.13	0.36	1.90	16.0	-69.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-86			Date	10-31-2022
Project Name/Location		Ford LTP	Weather	55 degrees F and cloudy. The wind is blowing W at 14 mph.			
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	12.0-17.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		9.11	Total Depth (ft-bmp)	16.59	Water Column (ft.)	7.48	Gallons in Well	1.22
			Pump Intake (ft-bmp)	14.5	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	1.25		--		
Sample Time:	Label	11:20	Volume Purged	1.53 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start	10:33						
	Purge End	11:25						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:35	0	130	9.11	0.00	7.12	2.30	14.60	1.39	15.7	87.0	Clear	No Odor
10:40	5	130	9.13	0.17	7.17	2.41	8.53	0.56	15.8	47.2	Clear	No Odor
10:45	5	130	9.18	0.34	7.24	2.44	0.02	0.30	15.0	14.1	Clear	No Odor
10:50	5	130	9.18	0.51	7.25	2.43	0.02	0.20	15.8	-19.9	Clear	No Odor
10:55	5	130	9.18	0.68	7.25	2.40	0.02	0.23	15.8	-47.8	Clear	No Odor
11:00	5	130	9.18	0.85	7.26	2.38	0.02	0.21	15.8	-58.9	Clear	No Odor
11:05	5	130	9.18	1.02	7.26	2.37	0.02	0.19	15.8	-62.4	Clear	No Odor
11:10	5	130	9.18	1.19	7.26	2.33	0.02	0.20	15.9	-72.5	Clear	No Odor
11:15	5	130	9.18	1.36	7.26	2.33	0.02	0.21	15.9	-75.9	Clear	No Odor
11:20	5	130	9.18	1.53	7.27	2.32	0.02	0.21	15.9	-78.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Wadsworth ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-86S			Date	10-31-2022
Project Name/Location	Ford LTP			Weather	55 degrees F and cloudy. The wind is blowing W at 14 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.32	Total Depth (ft-bmp)	12.35	Water Column (ft.)	3.03	Gallons in Well	0.49
		Pump Intake (ft-bmp)	10.82	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.96		--		
Sample Time: Label	10:20	Volume Purged	0.96 gallons	Replicate/Code No.		Sampled by	Christian Garrido
Purge Start	09:48						
Purge End	10:25						



Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:50	0	120	9.82	0.00	7.27	0.55	4.41	5.85	16.0	150.8	Clear	No Odor
09:55	5	120	9.85	0.16	7.28	0.55	4.02	5.06	16.0	145.9	Clear	No Odor
10:00	5	120	9.86	0.32	7.28	0.56	0.02	3.53	15.9	146.5	Clear	No Odor
10:05	5	120	9.30	0.48	7.27	0.58	0.02	2.89	15.9	144.9	Clear	No Odor
10:10	5	120	9.30	0.64	7.27	0.58	0.02	2.98	15.7	141.6	Clear	No Odor
10:15	5	120	9.30	0.80	7.29	0.58	0.02	2.86	15.6	139.2	Clear	No Odor
10:20	5	120	9.30	0.96	7.28	0.59	0.02	2.86	16.0	140.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Wadsworth ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-87			Date	11-01-2022
Project Name/Location	Ford LTP			Weather	50 degrees F and cloudy. The wind is blowing SW at 5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14.0-19.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	12.05	Total Depth (ft-bmp)	18.81	Water Column (ft.)	6.76	Gallons in Well	1.1
		Pump Intake (ft-bmp)	16.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.24		--		
Sample Time:	Label 09:05	Volume Purged	1.36 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start 08:22						
	Purge End 09:10						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:25	0	130	12.04	0.00	8.92	0.20	2.09	0.88	15.6	33.9	Clear	No Odor
08:30	5	130	12.07	0.17	8.93	0.20	1.44	0.85	15.7	32.6	Clear	No Odor
08:35	5	130	12.09	0.34	8.99	0.19	0.02	0.36	15.9	28.2	Clear	No Odor
08:40	5	130	12.09	0.51	8.95	0.20	0.02	0.35	15.9	29.3	Clear	No Odor
08:45	5	130	12.09	0.68	8.97	0.21	0.02	0.31	15.9	29.0	Clear	No Odor
08:50	5	130	12.09	0.85	8.93	0.24	0.02	0.29	15.9	29.3	Clear	No Odor
08:55	5	130	12.09	1.02	8.87	0.24	0.02	0.29	16.0	29.0	Clear	No Odor
09:00	5	130	12.09	1.19	8.85	0.25	0.02	0.29	16.0	29.2	Clear	No Odor
09:05	5	130	12.09	1.36	8.84	0.25	0.02	0.29	16.0	29.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Standish ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-87S			Date	11-01-2022
Project Name/Location	Ford LTP			Weather	55 degrees F and cloudy. The wind is blowing SW at 5 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.89	Total Depth (ft-bmp)	14.1	Water Column (ft.)	2.21	Gallons in Well	0.36
		Pump Intake (ft-bmp)	13.39	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.67		--		Christian Garrido
Sample Time:	Label 09:50	Volume Purged	0.96 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:16						
	Purge End 09:55						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:20	0	120	11.89	0.00	7.45	0.31	2.79	0.46	16.3	-66.1	Clear	No Odor
09:25	5	120	11.89	0.16	7.77	0.30	2.36	0.07	16.5	-108.9	Clear	No Odor
09:30	5	120	11.90	0.32	7.82	0.30	1.78	0.08	16.5	-113.9	Clear	No Odor
09:35	5	120	11.90	0.48	8.19	0.29	0.76	0.10	16.6	-142.1	Clear	No Odor
09:40	5	120	11.90	0.64	8.23	0.29	0.02	0.11	16.5	-138.7	Clear	No Odor
09:45	5	120	11.90	0.80	8.24	0.29	0.02	0.09	16.6	-139.2	Clear	No Odor
09:50	5	120	11.90	0.96	8.23	0.28	0.02	0.07	16.5	-139.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Standish ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-96S			Date	10-31-2022
Project Name/Location		Ford LTP	Weather	55 degrees F and cloudy. The wind is blowing W at 14 mph.			
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		7.51	Total Depth (ft-bmp)	12.08	Water Column (ft.)	4.57	Gallons in Well	0.74
			Pump Intake (ft-bmp)	9.01	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	1.61		--		
Sample Time:	Label	12:15	Volume Purged	1.19 gallons	Replicate/Code No.		Sampled by	Christian Garrido
	Purge Start	11:37						
	Purge End	12:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:40	0	130	7.51	0.00	7.45	0.45	9.81	0.90	15.2	-57.6	Clear, Small Orange Particulates	No Odor
11:45	5	130	7.55	0.17	7.44	0.45	8.34	0.83	15.2	-54.7	Clear, Small Orange Particulates	No Odor
11:50	5	130	7.55	0.34	7.43	0.45	6.87	0.81	15.2	-52.6	Clear, Small Orange Particulates	No Odor
11:55	5	130	7.56	0.51	7.41	0.45	4.52	0.67	15.2	-36.7	Clear, Small Orange Particulates	No Odor
12:00	5	130	7.56	0.68	7.41	0.45	0.02	0.58	15.2	-32.6	Clear	No Odor
12:05	5	130	7.56	0.85	7.42	0.45	0.02	0.47	15.2	-28.3	Clear	No Odor
12:10	5	130	7.56	1.02	7.43	0.46	0.02	0.39	15.2	-26.3	Clear	No Odor
12:15	5	130	7.56	1.19	7.44	0.46	0.02	0.34	15.2	-24.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-97S			Date	10-31-2022
Project Name/Location	Ford LTP			Weather	55 degrees F and cloudy. The wind is blowing W at 14 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.15	Total Depth (ft-bmp)	12.04	Water Column (ft.)	5.89	Gallons in Well	0.96
		Pump Intake (ft-bmp)	7.65	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.95		--		
Sample Time: Label	13:35	Volume Purged	1.87 gallons	Replicate/Code No.		Sampled by	Christian Garrido
Purge Start	12:36						
Purge End	13:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:40	0	130	6.51	0.00	7.58	0.45	15.10	2.13	17.1	12.2	Clear	No Odor
12:45	5	130	6.52	0.17	7.61	0.48	11.70	0.69	17.2	16.5	Clear	No Odor
12:50	5	130	6.52	0.34	7.59	0.53	9.46	0.03	17.3	18.4	Clear	No Odor
12:55	5	130	6.52	0.51	7.58	0.57	4.83	0.03	17.3	18.6	Clear	No Odor
13:00	5	130	6.52	0.68	7.56	0.62	2.31	0.18	17.3	20.4	Clear	No Odor
13:05	5	130	6.52	0.85	7.55	0.67	0.02	0.20	17.3	20.7	Clear	No Odor
13:10	5	130	6.52	1.02	7.52	0.73	0.02	0.22	17.3	22.4	Clear	No Odor
13:15	5	130	6.52	1.19	7.52	0.78	0.02	0.24	17.3	21.8	Clear	No Odor
13:20	5	130	6.52	1.36	7.51	0.81	0.02	0.25	17.4	22.1	Clear	No Odor
13:25	5	130	6.52	1.53	7.51	0.84	0.02	0.20	17.3	21.3	Clear	No Odor
13:30	5	130	6.52	1.70	7.50	0.85	0.03	0.19	17.4	20.7	Clear	No Odor
13:35	5	130	6.52	1.87	7.49	0.86	0.02	0.22	17.4	21.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-98S			Date	11-04-2022
Project Name/Location	Ford LTP			Weather	63.0 degrees F and Mostly Cloudy. The wind is blowing S/SW at 11 mph, 50% humidity, 30.06 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.81	Total Depth (ft-bmp)	12.09	Water Column (ft.)	8.28	Gallons in Well	1.35
		Pump Intake (ft-bmp)	5.31	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.56				
Sample Time: Label	13:10	Volume Purged	2.1 gallons	Replicate/Code No.	MW-98S-MS_110422, MW-98S-MSD_110422	Sampled by	Samantha Hindle
Purge Start	12:16						
Purge End	13:21						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:18	0	160	3.85	0.00	7.20	1.00	150.00	3.06	16.4	-8.0	Cloudy, Small Orange Particulates	No Odor
12:23	5	160	3.85	0.21	7.14	1.02	10.70	1.13	16.4	-18.2	Clear, Small Orange Particulates	No Odor
12:28	5	160	3.85	0.42	7.18	1.06	5.61	0.55	16.4	-28.6	Clear	No Odor
12:33	5	160	3.85	0.63	7.21	1.14	2.07	0.84	16.3	-37.7	Clear	No Odor
12:38	5	160	3.85	0.84	7.22	1.26	1.60	0.51	16.4	-44.6	Clear	No Odor
12:43	5	160	3.85	1.05	7.24	1.37	0.98	0.51	16.5	-54.1	Clear	No Odor
12:48	5	160	3.85	1.26	7.24	1.39	1.51	0.51	16.6	-55.6	Clear	No Odor
12:53	5	160	3.85	1.47	7.24	1.49	0.02	0.48	16.5	-60.0	Clear	No Odor
12:58	5	160	3.85	1.68	7.24	1.51	0.02	0.51	16.6	-62.5	Clear	No Odor
13:03	5	160	3.85	1.89	7.26	1.54	0.02	0.47	16.8	-67.2	Clear	No Odor
13:08	5	160	3.85	2.10	7.26	1.55	0.02	0.51	16.8	-68.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Brewster ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-99S			Date	11-01-2022
Project Name/Location	Ford LTP		Weather	59 degrees F and sunny. The wind is blowing W/NW at 9 mph, 48 % humidity, 30.12 in Hg.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.62	Total Depth (ft-bmp)	12.89	Water Column (ft.)	6.27	Gallons in Well	1.02
		Pump Intake (ft-bmp)	8.12	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.88		MW-99S-MS_110122, MW-99S-MSD_110122		
Sample Time:	Label 13:15	Volume Purged	1.92 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start 12:28						
	Purge End 13:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:31	0	180	7.63	0.00	7.22	2.12	2.00	0.55	18.4	24.9	Clear, Small Orange Particulates	No Odor
12:36	5	180	7.63	0.24	7.30	2.16	0.02	0.28	18.4	8.1	Clear	No Odor
12:41	5	180	7.63	0.48	7.32	2.54	0.02	0.20	18.3	28.8	Clear	No Odor
12:46	5	180	7.63	0.72	7.24	3.98	0.02	0.18	18.3	39.9	Clear	No Odor
12:51	5	180	7.63	0.96	7.24	4.57	0.02	0.20	18.3	42.4	Clear	No Odor
12:56	5	180	7.63	1.20	7.24	4.86	0.02	0.18	18.3	44.9	Clear	No Odor
13:01	5	180	7.63	1.44	7.24	5.31	0.02	0.18	18.3	46.0	Clear	No Odor
13:06	5	180	7.63	1.68	7.24	5.35	0.02	0.18	18.3	44.7	Clear	No Odor
13:11	5	180	7.63	1.92	7.24	5.34	0.02	0.17	18.3	42.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-100S			Date	11-02-2022
Project Name/Location	Ford LTP			Weather	55 degrees F and sunny. The wind is blowing S at 5 mph, 50% humidity, 29.66 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.96	Total Depth (ft-bmp)	12.9	Water Column (ft.)	4.94	Gallons in Well	0.8
		Pump Intake (ft-bmp)	9.46	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.25				
Sample Time: Label	14:30	Volume Purged	2.6 gallons	Replicate/Code No.	MW-100S-MS_110222, MW-100S-MSD_11022	Sampled by	Sam Sukaria
Purge Start	13:30						
Purge End	14:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:31	0	200	8.00	0.00	7.16	8.47	0.12	0.28	18.1	105.6	Clear	No Odor
13:36	5	200	8.00	0.26	7.14	8.86	0.02	0.25	18.2	92.4	Clear	No Odor
13:41	5	200	8.00	0.52	7.12	9.10	0.02	0.16	18.2	83.5	Clear	No Odor
13:46	5	200	8.00	0.78	7.13	9.17	0.02	0.16	18.2	64.4	Clear	No Odor
13:51	5	200	8.00	1.04	7.11	9.30	0.02	0.14	18.2	10.9	Clear	No Odor
13:56	5	200	8.00	1.30	7.12	9.45	0.02	0.14	18.3	-4.8	Clear	No Odor
14:01	5	200	8.00	1.56	7.11	9.50	0.02	0.14	18.2	-24.4	Clear	No Odor
14:06	5	200	8.00	1.82	7.11	9.57	0.02	0.15	18.2	-35.3	Clear	No Odor
14:11	5	200	8.00	2.08	7.11	9.63	0.02	0.15	18.2	-42.9	Clear	No Odor
14:16	5	200	8.00	2.34	7.11	9.65	0.02	0.14	18.2	-48.4	Clear	No Odor
14:21	5	200	8.00	2.60	7.11	9.67	0.02	0.13	18.2	-51.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Belden ROW	Well Locked at Arrival:	yes
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-101S			Date	11-02-2022
Project Name/Location	Ford LTP			Weather	43 degrees F and sunny. The wind is blowing at 0 mph, 86% humidity, 29.65 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-14.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.4	Total Depth (ft-bmp)	14.05	Water Column (ft.)	4.65	Gallons in Well	0.76
		Pump Intake (ft-bmp)	10.9	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.74		--		Sam Sukaria
Sample Time:	Label 10:30	Volume Purged	2.08 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:42						
	Purge End 10:32						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:47	0	200	9.40	0.00	7.52	1.00	45.40	0.89	17.0	285.6	Clear, Small Orange Particulates	No Odor
09:52	5	200	9.42	0.26	7.52	1.02	33.10	0.66	16.6	282.0	Clear, Small Orange Particulates	No Odor
09:57	5	200	9.42	0.52	7.53	1.02	19.30	0.68	17.1	279.5	Clear, Small Orange Particulates	No Odor
10:02	5	200	9.42	0.78	7.53	1.04	10.50	0.67	16.8	279.6	Clear	No Odor
10:07	5	200	9.42	1.04	7.53	1.03	5.56	0.60	17.2	279.3	Clear	No Odor
10:12	5	200	9.42	1.30	7.54	1.05	3.78	0.58	17.3	279.4	Clear	No Odor
10:17	5	200	9.42	1.56	7.55	1.05	0.52	0.48	17.2	279.3	Clear	No Odor
10:22	5	200	9.42	1.82	7.56	1.06	0.02	0.45	17.3	278.7	Clear	No Odor
10:27	5	200	9.42	2.08	7.57	1.07	0.02	0.43	17.3	278.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Plymouth ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-102			Date	10-31-2022
Project Name/Location		Ford LTP		Weather	57.0 degrees F and Light Rain and Fog/Mist. The wind is blowing N/NW at 2 mph.		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	10.0-15.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		3.8	Total Depth (ft-bmp)	14.62	Water Column (ft.)	10.82	Gallons in Well	1.76
			Pump Intake (ft-bmp)	12.5	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	1.13		--		Leticia Ferreira
Sample Time:	Label	11:20	Volume Purged	1.98 gallons	Replicate/Code No.		Sampled by	
	Purge Start	10:51						
	Purge End	11:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	250	3.80	0.00	7.18	8.43	4.62	6.66	16.3	-56.2	Clear	No Odor
10:55	5	250	3.60	0.33	7.18	8.24	2.84	7.52	16.7	-64.7	Clear	No Odor
11:00	5	250	3.48	0.66	7.19	8.37	2.93	6.11	16.7	-73.6	Clear	No Odor
11:05	5	250	3.51	0.99	7.20	8.30	1.09	5.55	16.7	-76.2	Clear	No Odor
11:10	5	250	3.52	1.32	7.17	8.39	0.05	4.82	16.8	-76.3	Clear	No Odor
11:15	5	250	4.52	1.65	7.19	8.39	0.02	4.82	16.8	-76.5	Clear	No Odor
11:20	5	250	4.53	1.98	7.19	8.40	0.02	4.52	16.8	-76.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-102S			Date	10-31-2022
Project Name/Location	Ford LTP			Weather	57.0 degrees F and Light Rain and Fog/Mist. The wind is blowing N/NW at 2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.65	Total Depth (ft-bmp)	12.35	Water Column (ft.)	8.7	Gallons in Well	1.41
		Pump Intake (ft-bmp)	5.15	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.49		--		Leticia Ferreira
Sample Time:	Label 12:22	Volume Purged	2.1 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:47						
	Purge End 12:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:50	0	280	3.66	0.00	7.29	1.66	0.02	8.36	16.4	-13.6	Clear	No Odor
11:55	5	280	3.67	0.37	7.20	2.73	0.02	8.20	16.4	-13.4	Clear	No Odor
12:00	5	250	3.67	0.74	7.21	3.30	0.02	7.80	16.6	-20.3	Clear	No Odor
12:05	5	250	3.67	1.07	7.13	3.85	0.02	7.46	16.6	-53.0	Clear	No Odor
12:10	5	250	3.67	1.40	7.13	3.85	0.02	7.24	16.7	-54.0	Clear	No Odor
12:15	5	280	3.67	1.73	7.14	3.90	0.02	7.20	16.7	-54.0	Clear	No Odor
12:20	5	250	3.64	2.10	7.16	3.90	0.02	6.84	16.7	-54.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-105S			Date	10-31-2022
Project Name/Location	Ford LTP			Weather	57.9 degrees F and Fog/Mist. The wind is blowing S/SW at 3.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.86	Total Depth (ft-bmp)	11.7	Water Column (ft.)	6.84	Gallons in Well	1.11
		Pump Intake (ft-bmp)	6.36	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.41		--		Leticia Ferreira
Sample Time:	Label 13:29	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	
	Purge Start 12:56						
	Purge End 13:32						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:58	0	200	4.86	0.00	6.97	3.25	40.80	3.31	16.8	48.4	Small Brown Particulates, Small Orange Particulates	No Odor
13:03	5	200	4.88	0.26	7.10	3.87	13.90	6.95	16.8	-34.2	Clear, Small Brown Particulates, Small Orange Particulates	No Odor
13:08	5	200	4.89	0.52	7.11	3.88	9.52	6.99	16.8	-44.2	Clear, Small Brown Particulates, Small Orange Particulates	No Odor
13:13	5	200	4.90	0.78	7.14	3.96	3.70	6.13	16.9	-59.2	Clear, Small Orange Particulates	No Odor
13:18	5	200	4.90	1.04	7.15	4.02	2.56	6.59	16.9	-68.7	Clear, Small Orange Particulates	No Odor
13:23	5	200	4.89	1.30	7.16	4.03	0.52	6.60	16.9	-69.0	Clear	No Odor
13:28	5	200	4.90	1.56	7.17	4.12	0.02	6.61	16.9	-73.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Fair,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-106S			Date	11-07-2022
Project Name/Location	Ford LTP			Weather	57.9 degrees F and Mostly Clear. The wind is blowing W/NW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.86	Total Depth (ft-bmp)	11.63	Water Column (ft.)	6.77	Gallons in Well	1.1
		Pump Intake (ft-bmp)	6.36	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.15		--		Leticia Ferreira
Sample Time:	Label 15:10	Volume Purged	1.26 gallons	Replicate/Code No.		Sampled by	
	Purge Start 14:38						
	Purge End 15:14						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:39	0	200	5.09	0.00	6.96	0.80	13.70	0.75	13.7	94.6	Clear	No Odor
14:44	5	150	5.14	0.26	6.98	0.81	12.00	0.43	15.4	81.8	Clear	No Odor
14:49	5	150	5.16	0.46	7.02	0.80	5.53	0.34	15.3	56.0	Clear	No Odor
14:54	5	150	5.20	0.66	7.03	0.77	4.01	0.34	15.4	40.9	Clear	No Odor
14:59	5	150	5.20	0.86	7.04	0.77	2.55	0.29	15.4	-8.8	Clear	No Odor
15:04	5	150	5.20	1.06	7.04	0.77	1.35	0.28	15.4	-9.7	Clear	No Odor
15:09	5	150	5.20	1.26	7.05	0.78	0.02	0.28	15.4	-10.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-107S			Date	11-07-2022
Project Name/Location	Ford LTP			Weather	57.9 degrees F and Partly Cloudy. The wind is blowing NW at 12.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.86	Total Depth (ft-bmp)	12.13	Water Column (ft.)	5.27	Gallons in Well	0.86
		Pump Intake (ft-bmp)	8.36	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.63		--		Leticia Ferreira
Sample Time:	Label 16:42	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	
	Purge Start 16:09						
	Purge End 16:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:11	0	300	7.02	0.00	7.43	0.83	11.10	0.79	14.9	72.2	Clear, Small White Particulates	No Odor
16:16	5	150	7.09	0.40	7.50	0.85	14.30	0.45	15.1	66.3	Clear	No Odor
16:21	5	150	7.19	0.60	7.48	0.85	3.20	0.36	15.0	59.6	Clear	No Odor
16:26	5	150	7.27	0.80	7.42	0.85	2.33	0.32	14.9	53.7	Clear	No Odor
16:31	5	150	7.36	1.00	7.37	0.86	1.97	0.28	15.0	51.8	Clear	No Odor
16:36	5	150	7.44	1.20	7.33	0.87	1.07	0.27	14.9	49.6	Clear	No Odor
16:41	5	150	7.47	1.40	7.32	0.85	1.08	0.27	15.0	47.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Capitol ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-108S			Date	11-01-2022
Project Name/Location	Ford LTP			Weather	60.1 degrees F and Mostly Clear. The wind is blowing W/NW at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.33	Total Depth (ft-bmp)	12.22	Water Column (ft.)	6.89	Gallons in Well	1.12
		Pump Intake (ft-bmp)	6.83	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.39		--		
Sample Time:	Label 13:50	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Leticia Ferreira
	Purge Start 13:17						
	Purge End 13:52						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:19	0	200	5.42	0.00	6.96	1.21	65.90	0.90	15.6	-20.9	Cloudy, Small Brown Particulates	No Odor
13:24	5	200	5.45	0.26	6.80	1.15	10.90	0.43	15.6	-35.8	Clear, Small Brown Particulates	No Odor
13:29	5	200	5.45	0.52	6.80	1.14	5.78	0.39	15.5	-38.6	Clear, Small Brown Particulates	No Odor
13:34	5	200	5.46	0.78	6.84	1.13	4.12	0.33	15.5	-46.8	Clear, Small Brown Particulates	No Odor
13:39	5	200	5.46	1.04	6.86	1.13	2.84	0.28	15.6	-52.2	Clear	No Odor
13:44	5	200	5.46	1.30	6.86	1.12	0.35	0.25	15.6	-52.9	Clear	No Odor
13:49	5	200	5.46	1.56	6.87	1.11	0.09	0.28	15.6	-53.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-131S			Date	10-31-2022
Project Name/Location		Ford LTP		Weather	Cloudy; 59 degree; the wind is blowing N/NE at 6mph; 88% humidity		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		6.11	Total Depth (ft-bmp)	12.65	Water Column (ft.)	6.54	Gallons in Well	1.06
			Pump Intake (ft-bmp)	7.61	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	1.47		--		
Sample Time:	Label	14:36	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Leticia Ferreira
	Purge Start	14:03						
	Purge End	14:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:05	0	200	6.11	0.00	6.88	1.90	6.99	7.30	17.0	-45.7	Clear, Small White Particulates	No Odor
14:10	5	200	6.18	0.26	7.04	2.70	0.02	4.65	17.0	-54.0	Clear, Small White Particulates	No Odor
14:15	5	200	6.19	0.52	7.10	2.95	0.02	4.30	17.0	-58.5	Clear, Small White Particulates	No Odor
14:20	5	200	6.22	0.78	7.11	3.22	0.02	4.44	17.0	-59.2	Clear, Small White Particulates	No Odor
14:25	5	200	6.20	1.04	7.13	3.44	0.02	3.40	17.0	-60.0	Clear	No Odor
14:30	5	200	6.19	1.30	7.14	3.45	0.02	3.36	17.0	-64.5	Clear	No Odor
14:35	5	200	6.19	1.56	7.15	3.53	0.02	3.38	17.0	-65.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-132S			Date	10-31-2022
Project Name/Location	Ford LTP			Weather	63.0 degrees F and Cloudy. The wind is blowing S/SW at 10.3 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-12.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.51	Total Depth (ft-bmp)	12.31	Water Column (ft.)	5.8	Gallons in Well	0.94
		Pump Intake (ft-bmp)	8.01	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.66		--		
Sample Time: Label	15:42	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Leticia Ferreira
Purge Start	15:09						
Purge End	15:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:11	0	200	6.53	0.00	7.08	1.28	154.00	1.24	17.6	-22.6	Brown, Small Brown Particulates, Small Orange Particulates	No Odor
15:16	5	200	6.55	0.26	7.05	1.85	43.80	0.82	17.6	-33.3	Clear, Small Brown Particulates, Small Orange Particulates	No Odor
15:21	5	200	6.55	0.52	7.05	2.13	29.30	0.76	17.7	-36.7	Clear, Small Brown Particulates	No Odor
15:26	5	200	6.54	0.78	7.05	2.25	27.70	0.74	17.7	-41.6	Clear, Small Brown Particulates	No Odor
15:31	5	200	6.55	1.04	7.05	2.32	19.80	0.80	17.7	-48.2	Clear, Small White Particulates	No Odor
15:36	5	200	6.55	1.30	7.05	2.36	20.60	0.74	17.7	-45.1	Clear	No Odor
15:41	5	200	6.55	1.56	7.06	2.32	21.60	0.79	17.7	-54.0	Clear, Small Brown Particulates, Small Orange Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-133S			Date	11-03-2022
Project Name/Location	Ford LTP			Weather	58 degrees F and Cloudy. The wind is blowing S at 4 mph, 52% humidity, 30.34 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.0-9.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.83	Total Depth (ft-bmp)	8.48	Water Column (ft.)	0.65	Gallons in Well	0.11
		Pump Intake (ft-bmp)	8.33	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	13.27		--		
Sample Time: Label	12:35	Volume Purged	1.46 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	12:01						
Purge End	12:37						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:02	0	180	7.88	0.00	7.28	0.83	29.20	1.46	16.6	197.1	Clear, Small Black Particulates, Small Orange Particulates	No Odor
12:07	5	180	7.78	0.24	7.27	0.85	0.25	0.97	16.5	193.5	Clear, Small Black Particulates	No Odor
12:12	5	180	7.88	0.48	7.27	0.89	0.02	0.47	16.5	189.5	Clear	No Odor
12:17	5	200	7.88	0.72	7.27	0.89	0.02	0.46	16.5	186.0	Clear	No Odor
12:22	5	180	7.88	0.98	7.27	0.89	0.02	0.41	16.5	183.5	Clear	No Odor
12:27	5	180	7.88	1.22	7.27	0.89	0.02	0.38	16.5	182.6	Clear	No Odor
12:32	5	200	7.88	1.46	7.27	0.89	0.02	0.36	16.6	181.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Stark ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-134S			Date	11-02-2022
Project Name/Location	Ford LTP			Weather	48.9 degrees F and Fog/Mist. The wind is blowing N/NW at 0.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5.0-10.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.79	Total Depth (ft-bmp)	9.41	Water Column (ft.)	0.62	Gallons in Well	0.1
		Pump Intake (ft-bmp)	9.3	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	17		MW-134S-MS_110222, MW-134S-MSD_11022		
Sample Time:	Label 11:11	Volume Purged	1.7 gallons	Replicate/Code No.		Sampled by	Leticia Ferreira
	Purge Start 10:38						
	Purge End 11:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	300	9.10	0.00	7.62	0.50	51.30	1.54	16.3	-32.2	Clear	No Odor
10:45	5	200	9.11	0.40	7.58	0.48	2.75	1.51	16.4	-39.4	Clear	No Odor
10:50	5	200	9.12	0.66	7.56	0.48	1.55	1.25	16.4	-39.5	Clear	No Odor
10:55	5	200	9.15	0.92	7.51	0.48	4.54	1.30	16.6	-34.7	Clear	No Odor
11:00	5	200	9.15	1.18	7.49	0.48	2.75	1.24	16.5	-30.2	Clear	No Odor
11:05	5	200	9.15	1.44	7.46	0.48	2.20	1.29	16.6	-28.9	Clear	No Odor
11:10	5	200	9.15	1.70	7.45	0.48	1.28	1.35	16.6	-28.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Stark rd ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-136S			Date	11-15-2022
Project Name/Location	Ford LTP			Weather	39 degrees F and Overcast. The wind is blowing E/NE at 11 mph. 76% humidity, 30.2 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.72	Total Depth (ft-bmp)	7.15	Water Column (ft.)	2.43	Gallons in Well	0.39
		Pump Intake (ft-bmp)	6.22	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.05		--		Samantha Hindle
Sample Time: Label	11:20	Volume Purged	1.19 gallons	Replicate/Code No.		Sampled by	
Purge Start	10:41						
Purge End	11:26						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:42	0	130	4.99	0.00	7.28	1.23	57.10	2.66	12.5	155.0	Clear, Small Orange Particulates	No Odor
10:47	5	130	5.02	0.17	7.33	1.23	69.30	1.74	12.4	59.6	Clear, Small Orange Particulates	No Odor
10:52	5	130	5.00	0.34	7.25	1.26	21.70	1.21	12.6	8.7	Clear	No Odor
10:57	5	130	5.03	0.51	7.26	1.27	4.95	0.86	12.7	-27.8	Clear	No Odor
11:02	5	130	5.03	0.68	7.26	1.27	0.02	0.47	13.0	-41.6	Clear	No Odor
11:07	5	130	5.04	0.85	7.26	1.27	0.02	0.47	13.2	-48.8	Clear	No Odor
11:12	5	130	5.04	1.02	7.25	1.27	0.02	0.41	13.2	-52.6	Clear	No Odor
11:17	5	130	5.04	1.19	7.24	1.27	0.02	0.30	13.2	-56.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Capitol ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-137S			Date	11-17-2022
Project Name/Location		Ford LTP	Weather	34 degrees F and Cloudy. The wind is blowing W/SW at 13 mph. 80% humidity, 30.1 inHg.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.58	Total Depth (ft-bmp)	7	Water Column (ft.)	2.42	Gallons in Well	0.39
		Pump Intake (ft-bmp)	6.08	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.54		--		
Sample Time: Label	11:55	Volume Purged	1.38 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	11:19						
Purge End	11:58						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:21	0	175	4.63	0.00	7.26	1.42	5.44	0.82	13.5	111.8	Clear	No Odor
11:26	5	175	4.67	0.23	7.22	1.37	1.67	0.88	14.2	61.7	Clear	No Odor
11:31	5	175	4.63	0.46	7.21	1.39	0.02	1.08	14.3	29.5	Clear	No Odor
11:36	5	175	4.63	0.69	7.21	1.40	0.02	1.04	14.3	15.9	Clear	No Odor
11:41	5	175	4.63	0.92	7.22	1.41	0.02	1.06	14.3	15.5	Clear	No Odor
11:46	5	175	4.63	1.15	7.22	1.41	0.02	1.03	14.5	15.0	Clear	No Odor
11:51	5	175	4.63	1.38	7.22	1.42	0.02	1.08	14.5	16.5	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Brewster ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-138S			Date	11-08-2022
Project Name/Location	Ford LTP			Weather	46 degrees F and Cloudy. The wind is blowing E/NE at 6 mph, 61%humidity, 30.73 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.05	Total Depth (ft-bmp)	5.95	Water Column (ft.)	2.9	Gallons in Well	0.47
		Pump Intake (ft-bmp)	4.55	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.23		--		Leticia Ferreira
Sample Time:	Label 10:37	Volume Purged	1.52 gallons	Replicate/Code No.		Sampled by	
	Purge Start 10:05						
	Purge End 10:42						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:06	0	300	3.10	0.00	7.15	2.44	23.40	0.74	14.2	19.1	Clear	No Odor
10:11	5	200	3.12	0.40	7.25	2.43	14.10	0.47	14.2	-55.5	Clear	No Odor
10:16	5	200	3.12	0.66	7.24	2.41	6.88	0.28	14.2	-77.7	Clear	No Odor
10:21	5	150	3.14	0.92	7.22	2.40	4.77	0.29	14.0	-83.2	Clear	No Odor
10:26	5	150	3.12	1.12	7.21	2.40	4.62	0.26	14.0	-85.8	Clear	No Odor
10:31	5	150	3.12	1.32	7.19	2.37	4.06	0.25	14.2	-87.5	Clear	No Odor
10:36	5	150	3.12	1.52	7.18	2.36	3.32	0.23	14.4	-85.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Beacon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-139S			Date	11-11-2022
Project Name/Location	Ford LTP	Weather	59.0 degrees F and Cloudy. The wind is blowing S at 4.7 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.7	Total Depth (ft-bmp)	6.88	Water Column (ft.)	2.18	Gallons in Well	0.35
		Pump Intake (ft-bmp)	6.2	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.86		DUP-11		
Sample Time:	Label 11:11	Volume Purged	1.7 gallons	Replicate/Code No.		Sampled by	Gary Schafer
	Purge Start 10:18						
	Purge End 11:24						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	125	4.73	0.00	7.11	0.62	29.30	2.83	16.4	111.7	Small Orange Particulates, Turbid	No Odor
10:25	5	125	4.73	0.17	7.26	0.60	16.20	2.46	16.4	75.6	Clear, Small Orange Particulates	No Odor
10:30	5	125	4.73	0.34	7.27	0.61	10.40	1.90	16.4	35.2	Clear, Small Orange Particulates	No Odor
10:35	5	125	4.73	0.51	7.27	0.62	7.37	2.20	16.4	21.5	Clear	No Odor
10:40	5	125	4.73	0.68	7.26	0.62	4.45	2.05	16.5	-5.0	Clear	No Odor
10:45	5	125	4.73	0.85	7.27	0.62	2.63	2.21	16.5	-16.7	Clear	No Odor
10:50	5	125	4.73	1.02	7.27	0.62	1.91	1.90	16.5	-28.3	Clear	No Odor
10:55	5	125	4.73	1.19	7.28	0.62	1.56	1.89	16.5	-31.3	Clear	No Odor
11:00	5	125	4.73	1.36	7.27	0.62	0.86	1.47	16.5	-35.5	Clear	No Odor
11:05	5	125	4.73	1.53	7.27	0.62	0.66	1.45	16.5	-38.1	Clear	No Odor
11:10	5	125	4.73	1.70	7.28	0.62	0.63	1.44	16.5	-40.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-140S			Date	11-11-2022
Project Name/Location	Ford LTP	Weather	59.0 degrees F and Cloudy. The wind is blowing S at 4.7 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.0-7.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.9	Total Depth (ft-bmp)	6.45	Water Column (ft.)	0.55	Gallons in Well	0.09
		Pump Intake (ft-bmp)	6.18	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	8.67		--		Gary Schafer
Sample Time:	Label 12:26	Volume Purged	0.78 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:53						
	Purge End 12:34						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:55	0	100	5.95	0.00	7.32	0.40	78.70	1.60	13.4	41.0	Turbid	No Odor
12:00	5	100	5.95	0.13	7.37	0.41	8.97	0.71	13.4	-6.6	Clear	No Odor
12:05	5	100	5.95	0.26	7.45	0.40	1.67	0.95	13.3	-13.6	Clear	No Odor
12:10	5	100	5.95	0.39	7.50	0.39	0.32	1.20	13.3	-11.5	Clear	No Odor
12:15	5	100	5.95	0.52	7.50	0.39	0.36	1.22	13.3	-11.4	Clear	No Odor
12:20	5	100	5.95	0.65	7.50	0.39	0.12	1.25	13.3	-8.3	Clear	No Odor
12:25	5	100	5.95	0.78	7.52	0.39	0.04	1.23	13.3	-6.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Boston Post ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-142S			Date	11-01-2022
Project Name/Location	Ford LTP			Weather	66.0 degrees F and Mostly Clear. The wind is blowing W at 9.2 mph, 43% humidity, 30.12 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.56	Total Depth (ft-bmp)	6.76	Water Column (ft.)	1.2	Gallons in Well	0.19
		Pump Intake (ft-bmp)	6	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	8.95				
Sample Time: Label	15:09	Volume Purged	1.7 gallons	Replicate/Code No.	MW-142S-MS_110122, MW-142S-MSD_11012	Sampled by	Leticia Ferreira
Purge Start	14:36						
Purge End	15:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:38	0	300	5.65	0.00	7.02	0.00	835.00	9.27	18.9	86.6	Turbid	No Odor
14:43	5	200	5.67	0.40	7.17	0.00	31.60	9.15	29.0	100.6	Clear	No Odor
14:48	5	200	5.66	0.66	6.70	0.94	50.70	0.30	19.1	9.7	Clear, Cloudy	No Odor
14:53	5	200	5.66	0.92	6.61	0.95	6.96	0.29	15.7	7.9	Clear	No Odor
14:58	5	200	5.66	1.18	6.56	0.94	1.15	0.29	15.8	-13.8	Clear, Small White Particulates	No Odor
15:03	5	200	5.66	1.44	6.59	0.94	0.17	0.25	15.7	-13.9	Clear	No Odor
15:08	5	200	5.65	1.70	6.60	0.94	0.04	0.19	15.7	-14.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments It was flooded around the well; use peri pump to remove the water

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Rosati ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-192S			Date	11-09-2022
Project Name/Location		Ford LTP		Weather	53.1 degrees F and Partly Cloudy. The wind is blowing S at 8.1 mph.		
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		3.6	Total Depth (ft-bmp)	7.65	Water Column (ft.)	4.05	Gallons in Well	0.66
			Pump Intake (ft-bmp)	5.1	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	1.66				
Sample Time:	Label	10:23	Volume Purged	2.52 gallons	Replicate/Code No.	MW-192S-MS_110922, MW-192S-MSD_11092	Sampled by	Leticia Ferreira
	Purge Start	09:46						
	Purge End	10:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:47	0	300	3.72	0.00	7.35	0.69	9.09	1.13	14.5	186.3	Clear, Small White Particulates	No Odor
09:52	5	200	3.73	0.40	7.44	0.70	5.90	0.90	14.4	180.0	Clear, Small White Particulates	No Odor
09:57	5	150	3.73	0.66	7.42	0.73	4.10	0.54	14.5	166.3	Clear, Small White Particulates	No Odor
10:02	5	150	3.74	0.86	7.37	0.76	4.61	0.38	14.7	117.5	Clear, Small White Particulates	No Odor
10:07	5	150	3.74	1.06	7.34	0.76	8.19	0.37	14.7	18.2	Clear, Small White Particulates	No Odor
10:12	5	150	3.76	1.26	7.34	0.79	8.99	0.35	14.7	-19.9	Clear, Small White Particulates	No Odor
10:17	5	150	3.75	1.46	7.33	0.80	8.45	0.32	14.8	-20.1	Clear, Small White Particulates	No Odor
10:22	5	150	3.76	1.66	7.33	0.80	8.45	0.33	14.9	-29.9	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Brewster ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-226			Date	11-16-2022
Project Name/Location	Ford LTP	Weather	37 degrees F and Cloudy. The wind is blowing W at 8 mph. 70% humidity, 30.03 inHg.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	13.0-18.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.4	Total Depth (ft-bmp)	17.65	Water Column (ft.)	7.25	Gallons in Well	1.18
		Pump Intake (ft-bmp)	15.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.22		--		
Sample Time: Label	11:15	Volume Purged	1.44 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	10:41						
Purge End	11:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:43	0	180	10.46	0.00	7.49	0.47	31.50	0.82	15.5	157.4	Clear, Small Orange Particulates	No Odor
10:48	5	180	10.49	0.24	7.49	0.49	29.00	0.41	15.8	158.7	Clear, Small Orange Particulates	No Odor
10:53	5	180	10.49	0.48	7.45	0.50	14.30	0.69	15.8	154.9	Clear, Small Orange Particulates	No Odor
10:58	5	180	10.49	0.72	7.46	0.50	7.76	0.75	15.9	153.4	Clear	No Odor
11:03	5	180	10.49	0.96	7.45	0.50	4.19	0.73	15.8	148.9	Clear	No Odor
11:08	5	180	10.49	1.20	7.45	0.51	1.94	0.73	15.8	144.7	Clear	No Odor
11:13	5	180	10.49	1.44	7.45	0.51	0.87	0.68	15.8	139.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Orangelawn ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-226D			Date	11-16-2022
Project Name/Location		Ford LTP	Weather	37 degrees F and Cloudy. The wind is blowing W at 11 mph. 65% humidity, 30.01 inHg.			
Measuring Pt. Description		Top of Casing	Screen Setting (ft-bmp)	19.0-24.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)		10.15	Total Depth (ft-bmp)	23.8	Water Column (ft.)	13.65	Gallons in Well	2.22
			Pump Intake (ft-bmp)	21.5	Purge Method	Low-Flow	Sample Method	Grab
			Well Volumes Purged	1.05		--		
Sample Time:	Label	12:15	Volume Purged	2.34 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start	11:29						
	Purge End	12:26						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:30	0	200	10.30	0.00	7.61	0.52	2.13	0.89	113.9	212.8	Clear, Small Orange Particulates	No Odor
11:35	5	200	10.34	0.26	7.60	0.53	2.93	0.55	15.0	214.6	Clear	No Odor
11:40	5	200	10.34	0.52	7.58	0.54	0.02	0.33	14.8	183.7	Clear	No Odor
11:45	5	200	10.34	0.78	7.57	0.55	0.02	0.25	15.0	107.0	Clear	No Odor
11:50	5	200	10.34	1.04	7.57	0.56	0.02	0.23	14.9	24.1	Clear	No Odor
11:55	5	200	10.34	1.30	7.57	0.57	0.02	0.29	14.7	-14.9	Clear	No Odor
12:00	5	200	10.34	1.56	7.58	0.57	0.02	0.27	14.7	-33.3	Clear	No Odor,Strong Odor
12:05	5	200	10.34	1.82	7.59	0.57	0.02	0.27	14.7	-42.1	Clear	No Odor
12:10	5	200	10.34	2.08	7.58	0.57	0.02	0.26	14.8	-48.4	Clear	No Odor
12:15	5	200	10.34	2.34	7.58	0.57	0.02	0.26	14.8	-51.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Orangelawn ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-226S			Date	11-16-2022
Project Name/Location	Ford LTP		Weather	35 degrees F and Cloudy. The wind is blowing W at 12 mph. 75% humidity, 30.02 inHg.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7.0-12.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.32	Total Depth (ft-bmp)	11.55	Water Column (ft.)	1.23	Gallons in Well	0.2
		Pump Intake (ft-bmp)	10.94	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	21		DUP-15		
Sample Time: Label	10:15	Volume Purged	4.2 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	09:24						
Purge End	10:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:25	0	175	10.41	0.00	7.53	0.66	127.00	1.35	17.9	161.0	Clear, Small Orange Particulates	No Odor
09:30	5	175	10.43	0.23	7.39	0.72	26.20	1.71	15.7	39.1	Clear	No Odor
09:35	5	175	10.43	0.46	7.35	0.72	11.20	1.68	15.9	11.8	Clear	No Odor
09:40	5	175	10.43	0.69	7.32	0.73	15.00	1.60	15.8	-0.2	Clear	No Odor
09:45	5	175	10.43	0.92	7.33	0.74	9.14	1.79	16.0	9.2	Clear	No Odor
09:50	5	175	10.43	1.15	7.32	0.75	3.61	1.89	15.9	22.9	Clear	No Odor
09:55	5	175	10.43	1.38	7.32	0.77	0.36	1.94	16.0	37.3	Clear	No Odor
10:00	5	175	10.43	1.61	7.31	0.78	0.02	2.02	16.0	50.1	Clear	No Odor
10:05	5	1785	10.43	1.84	7.31	0.78	0.02	2.03	16.0	55.5	Clear	No Odor
10:10	5	175	10.43	4.20	7.31	0.79	0.02	2.07	15.9	59.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Orangelawn ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-227			Date	11-15-2022
Project Name/Location	Ford LTP			Weather	38 degrees F and Overcast. The wind is blowing E/NE at 11 mph. 80% humidity, 30.3 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12.0-17.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.3	Total Depth (ft-bmp)	16.7	Water Column (ft.)	6.4	Gallons in Well	1.04
		Pump Intake (ft-bmp)	14.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.38		--		Sam Sukaria
Sample Time:	Label 10:10	Volume Purged	1.44 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:34						
	Purge End 10:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:36	0	180	10.31	0.00	7.33	0.75	7.75	3.47	15.5	141.7	Clear	No Odor
09:41	5	180	10.32	0.24	7.34	0.77	5.69	3.63	15.9	114.1	Clear	No Odor
09:46	5	180	10.32	0.48	7.36	0.74	4.95	3.80	16.0	113.2	Clear	No Odor
09:51	5	180	10.32	0.72	7.36	0.72	4.23	3.85	15.9	112.8	Clear	No Odor
09:56	5	180	10.32	0.96	7.36	0.71	4.85	3.80	15.9	110.7	Clear	No Odor
10:01	5	180	10.32	1.20	7.36	0.71	2.68	3.84	15.8	112.7	Clear	No Odor
10:06	5	180	10.32	1.44	7.36	0.72	2.24	3.81	15.8	114.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Elmira ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-227D			Date	11-15-2022
Project Name/Location	Ford LTP			Weather	36 degrees F and Overcast. The wind is blowing E/NE at 10 mph. 78% humidity, 30.3 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	18.0-23.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.25	Total Depth (ft-bmp)	22.55	Water Column (ft.)	12.3	Gallons in Well	2
		Pump Intake (ft-bmp)	20.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.72		--		
Sample Time: Label	11:10	Volume Purged	1.44 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	10:32						
Purge End	11:11						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:35	0	180	10.30	0.00	7.33	0.79	11.40	0.98	14.6	159.1	Brown, Clear	No Odor
10:40	5	180	10.30	0.24	7.35	0.79	3.39	0.25	15.9	113.6	Clear	No Odor
10:45	5	180	10.30	0.48	7.36	0.78	1.29	0.36	15.8	106.9	Clear	No Odor
10:50	5	180	10.30	0.72	7.36	0.77	0.02	0.25	16.0	97.5	Clear	No Odor
10:55	5	180	10.30	0.96	7.35	0.77	0.02	0.27	15.9	90.8	Clear	No Odor
11:00	5	180	10.30	1.20	7.34	0.77	0.02	0.33	15.9	86.5	Clear	No Odor
11:05	5	180	10.30	1.44	7.33	0.77	0.02	0.38	16.0	81.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Elmira ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-228			Date	11-11-2022
Project Name/Location	Ford LTP			Weather	60 degrees F and Mostly Clear. The wind is blowing S/SW at 4 mph. 63% humidity, 29.7 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	11.0-16.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.39	Total Depth (ft-bmp)	15.45	Water Column (ft.)	8.06	Gallons in Well	1.31
		Pump Intake (ft-bmp)	13.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.1				
Sample Time: Label	12:30	Volume Purged	1.44 gallons	Replicate/Code No.	MW-228-MS_111122, MW-228-MSD_111122	Sampled by	Sam Sukaria
Purge Start	11:55						
Purge End	12:40						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:58	0	180	7.79	0.00	7.48	0.91	1.69	0.96	14.9	160.1	Clear	No Odor
12:03	5	180	8.40	0.24	7.48	0.90	0.60	0.66	14.9	166.5	Clear	No Odor
12:08	5	180	9.20	0.48	7.50	0.89	0.02	0.77	14.9	171.0	Clear	No Odor
12:13	5	180	10.01	0.72	7.50	0.88	0.02	0.98	14.9	174.5	Clear	No Odor
12:18	5	180	10.80	0.96	7.51	0.88	0.02	1.12	14.9	177.6	Clear	No Odor
12:23	5	180	11.02	1.20	7.51	0.88	0.02	1.12	14.9	180.0	Clear	No Odor
12:28	5	180	11.02	1.44	7.51	0.88	0.02	1.08	15.0	180.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Laurel ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-228S			Date	11-14-2022
Project Name/Location	Ford LTP			Weather	34 degrees F and Cloudy. The wind is blowing at 0.0 mph. 55% humidity, 30.4 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-8.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.45	Total Depth (ft-bmp)	7.45	Water Column (ft.)	3	Gallons in Well	0.49
		Pump Intake (ft-bmp)	5.95	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.47		--		
Sample Time: Label	10:10	Volume Purged	0.72 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	09:35						
Purge End	10:14						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:37	0	180	5.55	0.00	7.35	0.76	14.20	0.49	12.1	304.7	Clear	No Odor
09:42	5	180	5.65	0.24	7.34	0.74	4.48	7.70	12.9	305.7	Clear	No Odor
09:47	5	180	5.76	0.48	7.34	0.74	8.68	7.07	13.2	308.9	Clear	No Odor
09:52	5	180	5.95	0.72	7.32	0.76	8.68	9.79	13.4	311.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,4-dioxane	40 mL Glass	3	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL

Comments Well went dry during purge. Waited for recharge to static DTW and collected grab sample.

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Laurel ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-229			Date	11-14-2022
Project Name/Location	Ford LTP			Weather	39 degrees F and Cloudy. The wind is blowing N/NE at 4 mph. 42% humidity, 30.4 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.0-14.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.07	Total Depth (ft-bmp)	13.7	Water Column (ft.)	7.63	Gallons in Well	1.24
		Pump Intake (ft-bmp)	11.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.16		--		Sam Sukaria
Sample Time:	Label 12:15	Volume Purged	1.44 gallons	Replicate/Code No.		Sampled by	
	Purge Start 11:43						
	Purge End 12:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:45	0	180	6.10	0.00	7.12	0.73	57.50	1.17	14.9	-101.5	Cloudy	No Odor
11:50	5	180	6.10	0.24	7.10	0.79	48.60	0.48	15.3	-81.6	Clear	No Odor
11:55	5	180	6.10	0.48	7.10	0.79	21.40	0.43	15.4	-75.3	Clear	No Odor
12:00	5	180	6.10	0.72	7.11	0.78	12.50	0.39	15.4	-71.5	Clear	No Odor
12:05	5	180	6.10	0.96	7.12	0.77	4.21	0.33	15.4	-69.0	Clear	No Odor
12:10	5	180	6.10	1.20	7.12	0.77	3.53	0.28	15.4	-67.3	Clear	No Odor
12:15	5	180	6.10	1.44	7.13	0.77	3.52	0.28	15.4	-66.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Leon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-229D			Date	11-14-2022
Project Name/Location	Ford LTP			Weather	38 degrees F and Cloudy. The wind is blowing at 0.0 mph. 44% humidity, 30.4 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.95	Total Depth (ft-bmp)	19.9	Water Column (ft.)	13.95	Gallons in Well	2.27
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.69		--		
Sample Time: Label	13:15	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	12:40						
Purge End	13:16						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:41	0	200	6.02	0.00	7.39	0.69	5.37	1.06	14.3	-11.7	Clear	No Odor
12:46	5	200	6.02	0.26	7.31	0.74	1.36	0.60	15.0	-61.0	Clear	No Odor
12:51	5	200	6.02	0.52	7.27	0.76	1.90	0.34	15.1	-86.1	Clear	No Odor
12:56	5	200	6.02	0.78	7.28	0.76	0.02	0.21	15.1	-90.7	Clear	No Odor
13:01	5	200	6.02	1.04	7.28	0.77	0.02	0.20	15.2	-91.1	Clear	No Odor
13:06	5	200	6.02	1.30	7.25	0.77	0.02	0.16	15.2	-90.3	Clear	No Odor
13:11	5	200	6.02	1.56	7.24	0.78	0.02	0.14	15.2	-87.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Leon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-229S			Date	11-14-2022
Project Name/Location	Ford LTP			Weather	38 degrees F and Cloudy. The wind is blowing SE at 5 mph. 44% humidity, 30.4 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-8.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.95	Total Depth (ft-bmp)	7.65	Water Column (ft.)	1.7	Gallons in Well	0.28
		Pump Intake (ft-bmp)	7.45	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.57		--		
Sample Time: Label	11:20	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	10:45						
Purge End	11:21						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:46	0	200	6.10	0.00	7.14	0.51	18.00	2.55	14.3	-11.8	Clear	No Odor
10:51	5	200	6.10	0.26	7.35	0.50	11.50	2.75	14.6	-46.5	Clear	No Odor
10:56	5	200	6.10	0.52	7.40	0.48	2.17	1.56	15.0	-56.7	Clear	No Odor
11:01	5	200	6.10	0.78	7.40	0.48	1.51	1.48	15.0	-60.6	Clear	No Odor
11:06	5	200	6.10	1.04	7.42	0.47	0.58	1.41	15.0	-64.7	Clear	No Odor
11:11	5	200	6.10	1.30	7.42	0.47	1.15	1.31	15.0	-65.4	Clear	No Odor
11:16	5	200	6.10	1.56	7.43	0.47	0.63	1.41	15.0	-64.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Leon ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-230			Date	11-11-2022
Project Name/Location		Ford LTP	Weather	57 degrees F and Mostly Clear. The wind is blowing S at 4 mph. 72% humidity, 29.8 inHg.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10.0-15.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.42	Total Depth (ft-bmp)	14.92	Water Column (ft.)	5.5	Gallons in Well	0.89
		Pump Intake (ft-bmp)	12.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.62		--		
Sample Time: Label	11:15	Volume Purged	1.44 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	10:38						
Purge End	11:17						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	180	9.75	0.00	7.47	0.69	1.15	1.39	15.5	112.9	Clear	No Odor
10:45	5	180	10.29	0.24	7.39	0.69	1.53	0.70	15.6	118.2	Clear	No Odor
10:50	5	180	10.29	0.48	7.36	0.70	0.82	0.69	15.6	119.9	Clear	No Odor
10:55	5	180	10.56	0.72	7.29	0.71	2.74	0.55	15.6	93.1	Clear	No Odor
11:00	5	180	10.73	0.96	7.32	0.71	1.79	0.48	15.6	90.0	Clear	No Odor
11:05	5	180	10.96	1.20	7.35	0.70	1.87	0.35	15.6	98.7	Clear	No Odor
11:10	5	180	11.15	1.44	7.36	0.70	1.53	0.30	15.6	93.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Minton ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-230D			Date	11-11-2022
Project Name/Location	Ford LTP			Weather	55 degrees F and Mostly Clear. The wind is blowing SE at 4 mph. 72% humidity, 29.8 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.84	Total Depth (ft-bmp)	20.95	Water Column (ft.)	12.11	Gallons in Well	1.97
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.64		--		Sam Sukaria
Sample Time:	Label 10:15	Volume Purged	1.26 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:39						
	Purge End 10:39						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:42	0	160	9.30	0.00	7.55	0.78	5.34	0.99	14.6	-26.7	Clear	No Odor
09:47	5	160	10.32	0.21	7.55	0.80	2.19	0.31	14.8	-71.3	Clear	No Odor
09:52	5	160	11.41	0.42	7.55	0.80	1.95	0.22	14.8	-78.2	Clear	No Odor
09:57	5	160	12.09	0.63	7.55	0.80	2.76	0.19	14.9	-80.1	Clear, Small Orange Particulates	No Odor
10:02	5	160	13.08	0.84	7.54	0.80	0.85	0.17	14.9	-81.3	Clear	No Odor
10:07	5	160	14.00	1.05	7.54	0.80	1.08	0.16	14.9	-81.6	Clear	No Odor
10:12	5	160	14.89	1.26	7.54	0.80	3.98	0.18	14.9	-80.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Minton ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-231			Date	11-09-2022
Project Name/Location		Ford LTP	Weather	57 degrees F and Cloudy. The wind is blowing S at 9 mph. 38% humidity, 30.4 inHg.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10.0-15.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.79	Total Depth (ft-bmp)	14.52	Water Column (ft.)	6.73	Gallons in Well	1.09
		Pump Intake (ft-bmp)	12.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.15		--		
Sample Time: Label	10:40	Volume Purged	2.34 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	09:46						
Purge End	10:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:49	0	200	8.29	0.00	7.27	0.76	12.00	0.71	16.3	151.1	Clear	No Odor
09:54	5	200	9.15	0.00	7.31	0.74	13.50	1.15	16.5	129.4	Clear	No Odor
09:59	5	200	9.83	0.26	7.35	0.74	10.50	1.83	16.5	140.2	Clear	No Odor
10:04	5	200	10.10	0.52	7.37	0.74	11.70	2.35	16.5	155.5	Clear	No Odor
10:09	5	200	10.22	0.78	7.37	0.74	6.45	2.33	16.5	157.1	Clear	No Odor
10:14	5	200	10.40	1.04	7.31	0.74	0.02	1.46	16.5	152.2	Clear	No Odor
10:19	5	200	10.62	1.30	7.28	0.75	0.02	0.89	16.5	55.3	Clear	No Odor
10:24	5	200	10.77	1.56	7.28	0.74	0.02	0.58	16.7	26.2	Clear	No Odor
10:29	5	200	11.05	1.82	7.26	0.76	0.02	0.48	16.6	12.1	Clear	No Odor
10:34	5	200	11.25	2.08	7.27	0.76	0.02	0.40	16.7	13.9	Clear	No Odor
10:39	5	200	11.47	2.34	7.28	0.76	0.02	0.34	16.6	17.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Edington ROW	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-231S			Date	11-09-2022
Project Name/Location	Ford LTP			Weather	57 degrees F and Cloudy. The wind is blowing S at 10 mph. 38% humidity, 30.4 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3.0-8.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.17	Total Depth (ft-bmp)	7.5	Water Column (ft.)	0.33	Gallons in Well	0.05
		Pump Intake (ft-bmp)	7.4	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0		--		
Sample Time: Label	11:30	Volume Purged	N/A gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	11:06						
Purge End	11:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:07	0	180	7.20	0.00	6.66	1.00	5.20	1.50	16.0	63.0	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments Well went dry during purge. Waited for recharge to static DTW and collected grab sample.

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Edington ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-232			Date	11-09-2022
Project Name/Location	Ford LTP			Weather	62 degrees F and Cloudy. The wind is blowing S at 8 mph. 30% humidity, 30.3 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10.0-15.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.96	Total Depth (ft-bmp)	14.9	Water Column (ft.)	6.94	Gallons in Well	1.13
		Pump Intake (ft-bmp)	12.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.61		--		
Sample Time: Label	12:55	Volume Purged	1.82 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	12:14						
Purge End	12:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:15	0	200	8.05	0.00	6.87	2.36	5.69	1.15	16.3	76.4	Clear	No Odor
12:20	5	200	8.60	0.26	6.89	2.37	5.04	0.48	16.3	38.1	Clear	No Odor
12:25	5	200	9.73	0.52	6.92	2.36	3.75	0.40	16.4	34.3	Clear	No Odor
12:30	5	200	10.16	0.78	6.94	2.37	87.70	0.44	16.5	39.8	Clear	No Odor
12:35	5	200	10.20	1.04	6.94	2.42	154.00	0.48	16.3	35.4	Cloudy, White	No Odor
12:40	5	200	10.42	1.30	6.94	2.44	154.00	0.49	16.2	28.8	Cloudy, White	No Odor
12:45	5	200	10.70	1.56	6.93	2.44	153.00	0.37	16.2	22.7	Clear, Cloudy, White	No Odor
12:50	5	200	10.90	1.82	6.93	2.42	151.00	0.31	16.2	18.9	Cloudy, White	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments High ending turbidity due to drawdown.

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Plymouth ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-232S			Date	11-09-2022
Project Name/Location	Ford LTP			Weather	64 degrees F and Cloudy. The wind is blowing S at 11 mph, 30% humidity, 30.3 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.5	Total Depth (ft-bmp)	7.2	Water Column (ft.)	0.7	Gallons in Well	0.11
		Pump Intake (ft-bmp)	7	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.36		--		
Sample Time: Label	13:40	Volume Purged	0.26 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	13:16						
Purge End	13:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:17	0	200	6.65	0.00	6.83	2.89	22.80	0.90	16.6	-15.3	Clear, Small White Particulates	No Odor
13:22	5	200	7.79	0.26	6.86	2.89	5.17	2.17	16.4	7.5	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments Well went dry during purge. Waited for recharge to static DTW and collected grab sample.

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Well Location:	Plymouth ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-233			Date	11-09-2022
Project Name/Location	Ford LTP			Weather	64 degrees F and Cloudy. The wind is blowing S at 9 mph. 32% humidity, 30.3 inHg.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10.0-15.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.29	Total Depth (ft-bmp)	14.85	Water Column (ft.)	10.56	Gallons in Well	1.72
		Pump Intake (ft-bmp)	12.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.51		--		
Sample Time: Label	15:10	Volume Purged	2.6 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	14:12						
Purge End	15:12						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:16	0	200	4.79	0.00	6.96	2.07	6.19	1.57	16.5	11.1	Clear	No Odor
14:21	5	200	5.35	0.26	7.05	2.06	3.62	1.69	16.5	37.3	Clear	No Odor
14:26	5	200	7.39	0.52	7.09	2.07	0.83	2.19	16.8	57.1	Clear	No Odor
14:31	5	200	8.45	0.78	7.13	2.07	0.51	3.29	16.5	75.2	Clear	No Odor
14:36	5	200	9.55	1.04	7.14	2.07	1.04	3.42	16.5	72.1	Clear	No Odor
14:41	5	200	10.15	1.30	7.13	2.07	1.33	3.40	16.5	75.1	Clear	No Odor
14:46	5	200	10.18	1.56	7.08	2.07	1.91	2.64	16.5	55.3	Clear	No Odor
14:51	5	200	10.15	1.82	7.02	2.07	0.95	0.85	16.5	23.7	Clear	No Odor
14:56	5	200	10.10	2.08	7.01	2.08	1.65	0.43	16.5	15.0	Clear	No Odor
15:01	5	200	10.15	2.34	7.01	2.09	1.16	0.41	16.5	14.9	Clear	No Odor
15:06	5	200	10.15	2.60	7.01	2.10	2.15	0.35	16.5	14.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Farmington ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30146655.402.01	Well ID	MW-233S			Date	11-09-2022
Project Name/Location	Ford LTP	Weather	64 degrees F and Cloudy. The wind is blowing S at 4 mph. 32% humidity, 30.27 inHg.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2.5-7.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.6	Total Depth (ft-bmp)	7.35	Water Column (ft.)	2.75	Gallons in Well	0.45
		Pump Intake (ft-bmp)	6.1	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.93		--		
Sample Time:	Label 16:05	Volume Purged	1.32 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
	Purge Start 15:27						
	Purge End 16:07						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°c) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:30	0	170	4.72	0.00	6.83	1.40	31.50	0.79	16.3	116.2	Clear, Small Orange Particulates	No Odor
15:35	5	170	4.90	0.22	6.89	1.39	11.10	0.39	16.2	74.5	Clear, Small Orange Particulates	No Odor
15:40	5	170	5.07	0.44	6.99	1.38	2.83	0.39	16.2	17.5	Clear, Small Orange Particulates	No Odor
15:45	5	170	5.27	0.66	6.98	1.38	3.51	0.43	16.2	-12.5	Clear, Small Orange Particulates	No Odor
15:50	5	170	5.48	0.88	6.95	1.38	4.67	0.24	16.2	-21.3	Clear, Small Orange Particulates	No Odor
15:55	5	170	5.70	1.10	6.95	1.37	2.99	0.20	16.2	-22.8	Clear	No Odor
16:00	5	170	5.90	1.32	6.93	1.38	4.92	0.24	16.3	-20.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Farmington ROW	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-30			Date	03-09-2023
Project Name/Location	Ford LTP	Weather	32.0 degrees F and Cloudy. The wind is blowing N at 6.9 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.0-24.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.28	Total Depth (ft-bmp)	24.75	Water Column (ft.)	14.47	Gallons in Well	2.35
		Pump Intake (ft-bmp)	21.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.77		--		Samantha Hindle
Sample Time:	Label 10:04	Volume Purged	1.8 gallons	Replicate/Code No.		Sampled by	
	Purge Start 09:14						
	Purge End 10:07						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:16	0	150	10.82	0.00	7.33	6.36	39.10	9.46	10.9	170.0	Clear, Small Orange Particulates	No Odor
09:21	5	150	10.82	0.20	7.35	6.30	28.00	1.28	11.1	138.9	Clear, Small Orange Particulates	No Odor
09:26	5	150	10.82	0.40	7.37	6.40	28.40	0.76	10.5	36.1	Clear, Small Orange Particulates	No Odor
09:31	5	150	10.90	0.60	7.39	6.31	19.60	0.61	10.2	-55.0	Clear, Small Orange Particulates	No Odor
09:36	5	150	10.92	0.80	7.41	6.27	15.10	0.55	10.9	-85.0	Clear, Small Orange Particulates	No Odor
09:41	5	150	10.92	1.00	7.41	6.27	14.20	0.49	11.1	-88.6	Clear, Small Orange Particulates	No Odor
09:46	5	150	10.92	1.20	7.41	6.23	11.60	0.38	11.2	-96.7	Clear	No Odor
09:51	5	150	10.92	1.40	7.42	6.25	7.46	0.36	11.4	-100.5	Clear, Small Orange Particulates	No Odor
09:56	5	150	10.92	1.60	7.42	6.26	7.48	0.33	11.1	-102.4	Clear	No Odor
10:01	5	150	10.92	1.80	7.42	6.25	7.46	0.36	11.4	-105.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot				
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*
	6" = 1.47			

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-31			Date	03-09-2023
Project Name/Location	Ford LTP	Weather	37.0 degrees F and cloudy. The wind is blowing E/NE at 12.0 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17.0-22.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.55	Total Depth (ft-bmp)	21.4	Water Column (ft.)	10.85	Gallons in Well	1.76
		Pump Intake (ft-bmp)	19.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.89		--		
Sample Time: Label	11:20	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	Sam Sukaria
Purge Start	10:46						
Purge End	11:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:48	0	200	10.65	0.00	7.41	16.67	5.14	4.46	11.4	167.2	Clear	No Odor
10:53	5	200	10.65	0.26	7.38	17.45	3.68	0.50	12.2	156.9	Clear	No Odor
10:58	5	200	10.65	0.52	7.38	17.45	2.20	0.31	12.3	153.2	Clear	No Odor
11:03	5	200	10.65	0.78	7.40	17.39	0.91	0.24	12.3	150.0	Clear	No Odor
11:08	5	200	10.65	1.04	7.39	17.30	0.02	0.19	12.2	147.3	Clear	No Odor
11:13	5	200	10.65	1.30	7.40	17.22	0.02	0.17	12.1	144.8	Brown, Clear	No Odor
11:18	5	200	10.65	1.56	7.40	17.14	0.02	0.17	12.3	142.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-32			Date	03-15-2023
Project Name/Location	Ford LTP			Weather	26.1 degrees F and Partly Cloudy. The wind is blowing W/NW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	18.0-23.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.82	Total Depth (ft-bmp)	22.82	Water Column (ft.)	13	Gallons in Well	2.11
		Pump Intake (ft-bmp)	20.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.14		--		
Sample Time: Label	11:03	Volume Purged	2.4 gallons	Replicate/Code No.		Sampled by	Sommer Guy
Purge Start	09:56						
Purge End	11:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:58	0	150	10.21	0.00	7.76	4.16	929.00	1.20	9.3	90.3	Cloudy, Orange, Small Orange Particulates	No Odor
10:03	5	150	10.23	0.20	7.62	4.29	145.00	0.81	9.1	84.1	Clear, Cloudy, Small Orange Particulates, Small White Particulates	No Odor
10:08	5	150	10.27	0.40	7.33	4.30	86.40	0.33	9.8	72.5	Clear, Cloudy, Small Orange Particulates, Small White Particulates	No Odor
10:13	5	150	10.28	0.60	7.27	4.31	49.90	0.23	10.1	61.0	Clear, Small Orange Particulates, Small White Particulates	No Odor
10:18	5	150	10.29	0.80	7.26	4.35	34.70	0.22	10.1	49.5	Clear, Small Orange Particulates, Small White Particulates	No Odor
10:23	5	150	10.30	1.00	7.25	4.41	25.50	0.22	10.1	34.0	Clear, Small Orange Particulates, Small White Particulates	No Odor
10:28	5	150	10.31	1.20	7.25	4.45	20.50	0.15	10.2	15.6	Clear, Small White Particulates	No Odor
10:33	5	150	10.32	1.40	7.25	4.47	17.10	0.14	10.6	1.4	Clear, Small White Particulates	No Odor
10:38	5	150	10.32	1.60	7.25	4.49	14.60	0.10	10.6	-11.0	Clear, Small White Particulates	No Odor
10:43	5	150	10.32	1.80	7.25	4.51	12.30	0.09	10.6	-21.6	Clear, Small White Particulates	No Odor
10:48	5	150	10.32	2.00	7.26	4.53	12.00	0.10	10.4	-31.8	Clear, Small White Particulates	No Odor
10:53	5	150	10.32	2.20	7.26	4.56	9.28	0.12	10.0	-35.3	Clear, Small White Particulates	No Odor
10:58	5	150	10.32	2.40	7.26	4.54	8.63	0.13	10.5	-43.8	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, SE	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-33			Date	03-01-2023
Project Name/Location	Ford LTP			Weather	39.0 degrees F and Mostly Cloudy. The wind is blowing E at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14.0-19.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.47	Total Depth (ft-bmp)	18.66	Water Column (ft.)	10.19	Gallons in Well	1.66
		Pump Intake (ft-bmp)	16.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.45		--		
Sample Time: Label	11:23	Volume Purged	2.4 gallons	Replicate/Code No.		Sampled by	Sommer Guy
Purge Start	10:15						
Purge End	11:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:17	0	150	8.56	0.00	7.56	2.27	19.90	3.72	11.4	164.0	Clear, Small Orange Particulates, Small White Particulates	No Odor
10:22	5	150	8.56	0.20	7.31	3.28	19.90	2.66	11.8	171.1	Clear, Small Orange Particulates, Small White Particulates	No Odor
10:27	5	150	8.56	0.40	7.22	3.90	9.58	2.40	11.5	165.5	Clear, Small Orange Particulates, Small White Particulates	No Odor
10:32	5	150	8.56	0.60	7.22	4.21	7.65	2.03	11.6	138.8	Clear, Small Black Particulates, Small White Particulates	No Odor
10:37	5	150	8.56	0.80	7.22	4.55	7.30	1.64	11.5	94.7	Clear, Small Black Particulates, Small White Particulates	No Odor
10:42	5	150	8.56	1.00	7.22	4.79	6.31	1.17	11.5	63.3	Clear, Small Black Particulates, Small White Particulates	No Odor
10:47	5	150	8.56	1.20	7.21	5.07	7.65	0.84	11.7	37.0	Clear, Small Black Particulates, Small White Particulates	No Odor
10:52	5	150	8.56	1.40	7.21	5.29	7.80	0.63	11.7	14.7	Clear, Small Black Particulates, Small White Particulates	No Odor
10:57	5	150	8.56	1.60	7.21	5.49	9.78	0.46	11.6	-4.8	Clear, Small Black Particulates, Small White Particulates	No Odor
11:02	5	150	8.56	1.80	7.20	5.60	7.54	0.39	11.7	-18.7	Clear, Small Black Particulates, Small White Particulates	No Odor
11:07	5	150	8.56	2.00	7.20	5.76	8.23	0.30	11.8	-31.5	Clear, Small Black Particulates, Small White Particulates	No Odor
11:12	5	150	8.56	2.20	7.19	5.89	8.70	0.30	11.9	-41.9	Clear, Small Black Particulates, Small White Particulates	No Odor
11:17	5	150	8.56	2.40	7.19	6.03	5.69	0.24	11.8	-49.3	Clear, Small Black Particulates, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-34			Date	03-09-2023
Project Name/Location	Ford LTP			Weather	40.0 degrees F and cloudy. The wind is blowing E/NE at 12.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.5-21.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.4	Total Depth (ft-bmp)	21.3	Water Column (ft.)	11.9	Gallons in Well	1.93
		Pump Intake (ft-bmp)	19	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.12		--		Sam Sukaria
Sample Time: Label	13:30	Volume Purged	2.16 gallons	Replicate/Code No.		Sampled by	
Purge Start	12:42						
Purge End	13:35						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:44	0	180	9.98	0.00	7.31	9.44	7.78	6.47	11.3	118.7	Clear	No Odor
12:49	5	180	10.28	0.24	7.30	9.35	7.48	2.82	12.1	118.8	Clear, Small Orange Particulates	No Odor
12:54	5	180	10.34	0.48	7.27	9.34	6.35	2.42	12.3	118.7	Clear, Small Orange Particulates	No Odor
12:59	5	180	10.42	0.72	7.24	9.39	4.54	1.87	12.4	118.2	Clear	No Odor
13:04	5	180	10.45	0.96	7.23	9.39	4.04	1.76	12.5	117.3	Clear	No Odor
13:09	5	180	10.49	1.20	7.21	9.43	3.58	1.40	12.5	116.3	Clear	No Odor
13:14	5	180	10.51	1.44	7.20	9.43	2.00	1.15	12.5	115.0	Clear	No Odor
13:19	5	180	10.55	1.68	7.18	9.45	0.91	1.00	12.6	113.5	Clear	No Odor
13:24	5	180	10.58	1.92	7.18	9.47	0.02	0.98	12.6	112.1	Clear	No Odor
13:29	5	180	10.61	2.16	7.18	9.49	0.02	0.96	12.5	110.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite row	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-35			Date	03-09-2023		
Project Name/Location	Ford LTP	Weather	43.0 degrees F and Mostly Cloudy. The wind is blowing E at 10.3 mph.						
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.5-24.5	Casing Diameter (in.)	2	Well Material	PVC		
Static Water Level (ft-bmp)	7.85	Total Depth (ft-bmp)	24.15	Water Column (ft.)	16.3	Gallons in Well	2.65		
		Pump Intake (ft-bmp)	22	Purge Method	Low-Flow	Sample Method	Grab		
		Well Volumes Purged	0.36		--		Patrick Labadie		
Sample Time:	Label 16:30	Volume Purged	0.96 gallons	Replicate/Code No.		Sampled by			
	Purge Start 15:59								
	Purge End 16:45								

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:00	0	120	7.85	0.00	7.54	5.70	3.94	0.41	11.7	-40.3	Clear	No Odor
16:05	5	120	7.85	0.16	7.54	5.71	3.50	0.31	11.8	-49.6	Clear	No Odor
16:10	5	120	7.85	0.32	7.54	5.71	2.50	0.27	11.8	-63.0	Clear	No Odor
16:15	5	120	7.85	0.48	7.54	5.71	2.10	0.27	11.8	-69.4	Clear	No Odor
16:20	5	120	7.85	0.64	7.55	5.71	2.10	0.30	11.6	-81.3	Clear	No Odor
16:25	5	120	7.85	0.80	7.55	5.71	1.20	0.29	11.6	-83.0	Clear	No Odor
16:30	5	120	7.85	0.96	7.55	5.71	0.50	0.30	11.5	-85.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-38			Date	03-01-2023
Project Name/Location	Ford LTP	Weather	45.0 degrees F and Partly Cloudy. The wind is blowing at 5.8 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.92	Total Depth (ft-bmp)	19.46	Water Column (ft.)	11.54	Gallons in Well	1.88
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.74		--		Sommer Guy
Sample Time: Label	13:42	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	
Purge Start	13:00						
Purge End	13:46						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:02	0	150	8.18	0.00	7.73	3.65	2.62	2.04	12.3	-31.6	Clear, Small White Particulates	No Odor
13:07	5	150	8.25	0.20	7.58	3.61	7.00	0.70	12.0	-112.5	Clear, Small White Particulates	No Odor
13:12	5	150	8.26	0.40	7.55	3.56	4.97	0.44	12.0	-127.6	Clear, Small White Particulates	No Odor
13:17	5	150	8.26	0.60	7.54	3.54	4.58	0.38	12.1	-133.5	Clear, Small White Particulates	No Odor
13:22	5	150	8.26	0.80	7.51	3.55	4.96	0.28	12.3	-134.1	Clear, Small White Particulates	No Odor
13:27	5	150	8.26	1.00	7.51	3.54	3.87	0.25	12.7	-135.9	Clear, Small White Particulates	No Odor
13:32	5	150	8.26	1.20	7.50	3.48	2.47	0.25	12.8	-137.9	Clear, Small White Particulates	No Odor
13:37	5	150	8.26	1.40	7.48	3.54	3.13	0.23	12.7	-138.2	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-39			Date	03-01-2023
Project Name/Location	Ford LTP			Weather	36.0 degrees F and Mostly Cloudy. The wind is blowing E at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19.5-24.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.79	Total Depth (ft-bmp)	24.13	Water Column (ft.)	12.34	Gallons in Well	2.01
		Pump Intake (ft-bmp)	22	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.9		--		
Sample Time: Label	09:58	Volume Purged	1.8 gallons	Replicate/Code No.		Sampled by	Sommer Guy
Purge Start	09:06						
Purge End	10:00						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:08	0	150	11.82	0.00	7.21	5.02	20.80	2.27	10.7	234.1	Clear, Small Black Particulates, Small Orange Particulates, Small White Particulates	No Odor
09:13	5	150	11.82	0.20	7.16	4.91	15.50	1.55	10.5	219.1	Clear, Small Black Particulates, Small Orange Particulates	No Odor
09:18	5	150	11.82	0.40	7.15	4.90	4.02	1.21	10.5	214.9	Clear, Small Black Particulates, Small White Particulates	No Odor
09:23	5	150	11.82	0.60	7.15	4.90	8.06	0.81	10.6	211.2	Clear, Small Black Particulates, Small Orange Particulates	No Odor
09:28	5	150	11.82	0.80	7.15	4.90	6.32	0.75	10.5	208.3	Clear, Small Black Particulates, Small Orange Particulates	No Odor
09:33	5	150	11.82	1.00	7.17	4.90	3.97	0.67	10.6	204.3	Clear, Small Black Particulates, Small Orange Particulates	No Odor
09:38	5	150	11.82	1.20	7.17	4.89	4.20	0.61	10.3	201.7	Clear, Small Black Particulates, Small Orange Particulates	No Odor
09:43	5	150	11.82	1.40	7.16	4.89	4.31	0.49	10.5	198.2	Clear, Small Black Particulates, Small Orange Particulates	No Odor
09:48	5	150	11.82	1.60	7.16	4.89	3.41	0.49	10.5	195.5	Clear, Small Black Particulates, Small Orange Particulates	No Odor
09:53	5	150	11.82	1.80	7.16	4.89	2.64	0.46	10.4	192.4	Clear, Small Black Particulates, Small Orange Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-40			Date	03-09-2023
Project Name/Location	Ford LTP	Weather	37.0 degrees F and cloudy. The wind is blowing N/NE at 7.0 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.51	Total Depth (ft-bmp)	19.85	Water Column (ft.)	9.34	Gallons in Well	1.52
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.32		--		Sam Sukaria
Sample Time: Label	10:20	Volume Purged	2.0 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:36						
Purge End	10:23						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:38	0	190	10.62	0.00	7.06	14.01	138.00	2.12	10.9	180.9	Cloudy, Small Orange Particulates	No Odor
09:43	5	190	10.62	0.25	7.03	14.09	10.62	1.08	11.9	174.9	Clear, Small Orange Particulates	No Odor
09:48	5	190	10.62	0.50	7.03	14.28	91.40	0.58	12.1	171.4	Clear	No Odor
09:53	5	190	10.62	0.75	7.03	14.32	50.00	0.43	12.2	169.4	Clear, Small Orange Particulates	No Odor
09:58	5	190	10.62	1.00	7.04	14.30	30.30	0.39	12.2	167.6	Clear, Small Orange Particulates	No Odor
10:03	5	190	10.62	1.25	7.04	14.29	24.00	0.28	12.3	165.8	Clear, Small Orange Particulates	No Odor
10:08	5	190	10.62	1.50	7.04	14.22	16.20	0.25	12.4	163.8	Clear	No Odor
10:13	5	190	10.62	1.75	7.05	14.20	15.10	0.23	12.4	161.9	Clear, Small White Particulates	No Odor
10:18	5	190	10.62	2.00	7.05	14.16	14.80	0.21	12.4	159.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-41			Date	03-09-2023
Project Name/Location	Ford LTP	Weather	37.0 degrees F and Cloudy. The wind is blowing N/NE at 9.2 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.49	Total Depth (ft-bmp)	20.89	Water Column (ft.)	11.4	Gallons in Well	1.85
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.3		--		Samantha Hindle
Sample Time: Label	13:00	Volume Purged	2.4 gallons	Replicate/Code No.		Sampled by	
Purge Start	11:53						
Purge End	13:04						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:55	0	150	9.72	0.00	7.37	12.77	75.20	1.68	11.2	101.6	Clear, Small Orange Particulates	No Odor
12:00	5	150	9.68	0.20	7.37	12.77	66.30	0.61	11.4	66.8	Clear, Small Orange Particulates	No Odor
12:05	5	150	9.65	0.40	7.37	12.76	45.00	0.43	11.0	22.3	Clear, Small Orange Particulates	No Odor
12:10	5	150	9.65	0.60	7.37	12.78	45.70	0.42	10.9	-13.2	Clear, Small Orange Particulates	No Odor
12:15	5	150	9.65	0.80	7.37	12.77	42.50	0.28	11.3	-29.0	Clear, Small Orange Particulates	No Odor
12:20	5	150	9.65	1.00	7.37	12.82	42.00	0.27	11.1	-44.3	Clear	No Odor
12:25	5	150	9.65	1.20	7.37	12.80	33.20	0.28	11.3	-47.0	Clear, Small Orange Particulates	No Odor
12:30	5	150	9.65	1.40	7.38	12.92	27.20	0.23	11.5	-57.9	Clear	No Odor
12:35	5	150	9.65	1.60	7.38	12.94	25.70	0.28	11.6	-65.0	Clear	No Odor
12:40	5	150	9.65	1.80	7.38	12.89	22.60	0.19	12.1	-70.3	Clear	No Odor
12:45	5	150	9.65	2.00	7.38	13.19	19.90	0.20	11.8	-76.5	Clear, Small Orange Particulates	No Odor
12:50	5	150	9.65	2.20	7.38	13.13	19.00	0.11	12.0	-79.7	Clear, Small Orange Particulates	No Odor
12:55	5	150	9.65	2.40	7.38	12.77	17.80	0.10	12.1	-83.4	Clear, Small Orange Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-42			Date	03-09-2023
Project Name/Location	Ford LTP	Weather	43.0 degrees F and cloudy. The wind is blowing E at 9.0 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.88	Total Depth (ft-bmp)	20.45	Water Column (ft.)	11.57	Gallons in Well	1.88
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.83		--		Sam Sukaria
Sample Time: Label	14:35	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	
Purge Start	14:00						
Purge End	14:38						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:01	0	200	9.21	0.00	7.12	25.33	2.75	1.18	13.1	137.7	Clear	No Odor
14:06	5	200	9.22	0.26	7.15	25.53	1.56	0.43	13.3	130.3	Clear	No Odor
14:11	5	200	9.22	0.52	7.14	25.44	0.76	0.27	13.3	122.9	Clear	No Odor
14:16	5	200	9.22	0.78	7.14	25.32	0.02	0.20	13.3	116.8	Clear	No Odor
14:21	5	200	9.22	1.04	7.15	25.59	0.02	0.18	13.2	111.9	Clear	No Odor
14:26	5	200	9.22	1.30	7.15	25.43	0.02	0.17	13.1	107.0	Clear	No Odor
14:31	5	200	9.22	1.56	7.15	25.34	0.02	0.13	13.2	102.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-43			Date	03-09-2023
Project Name/Location	Ford LTP			Weather	41.0 degrees F and Mostly Cloudy. The wind is blowing NE at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17.0-22.02	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.55	Total Depth (ft-bmp)	1.58	Water Column (ft.)	14.03	Gallons in Well	2.28
		Pump Intake (ft-bmp)	19.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.42				
Sample Time: Label	13:15	Volume Purged	0.95 gallons	Replicate/Code No.	MW-43-MS_030923, MW-43-MSD_030923	Sampled by	Patrick Labadie
Purge Start	12:39						
Purge End	13:39						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:40	0	120	7.55	0.00	7.43	8.84	40.20	0.60	11.4	69.5	Cloudy, Small Orange Particulates	No Odor
12:45	5	120	7.65	0.16	7.43	8.85	40.20	0.36	11.3	68.8	Cloudy, Small Orange Particulates	No Odor
12:50	5	120	7.65	0.32	7.43	8.85	40.00	0.30	11.1	67.9	Cloudy	No Odor
12:55	5	120	7.65	0.46	7.43	8.84	40.00	0.24	11.1	67.1	Cloudy	No Odor
13:00	5	120	7.65	0.63	7.43	8.84	6.20	0.17	11.2	65.1	Cloudy, Small Orange Particulates	No Odor
13:05	5	120	7.65	0.79	7.43	8.86	6.05	0.14	11.3	63.0	Cloudy	No Odor
13:10	5	120	7.65	0.95	7.43	8.86	5.93	0.12	11.2	60.6	Cloudy	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-45			Date	03-14-2023
Project Name/Location	Ford LTP	Weather	26.1 degrees F and Partly Cloudy. The wind is blowing NW at 16.1 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10	Total Depth (ft-bmp)	19.68	Water Column (ft.)	9.68	Gallons in Well	1.57
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.4		--		Sommer Guy
Sample Time: Label	13:05	Volume Purged	2.2 gallons	Replicate/Code No.		Sampled by	
Purge Start	12:03						
Purge End	13:08						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:05	0	150	10.15	0.00	7.57	7.76	43.90	1.57	9.1	13.3	Clear, Small Black Particulates, Small White Particulates	No Odor
12:10	5	150	10.10	0.20	7.34	7.88	34.70	0.48	10.1	9.8	Clear, Small Black Particulates, Small White Particulates	No Odor
12:15	5	150	10.10	0.40	7.35	7.22	19.80	0.30	10.3	5.5	Clear, Small Black Particulates, Small White Particulates	No Odor
12:20	5	150	10.10	0.60	7.33	6.72	14.70	0.22	10.4	2.6	Clear, Small Black Particulates, Small White Particulates	No Odor
12:25	5	150	10.10	0.80	7.30	6.40	10.00	0.20	10.5	1.1	Clear, Small Black Particulates, Small White Particulates	No Odor
12:30	5	150	10.10	1.00	7.30	6.24	7.98	0.15	10.9	0.3	Clear, Small Black Particulates, Small White Particulates	No Odor
12:35	5	150	10.10	1.20	7.26	6.05	8.02	0.17	10.9	-0.6	Clear, Small Black Particulates, Small White Particulates	No Odor
12:40	5	150	10.10	1.40	7.29	5.97	6.28	0.14	10.8	-1.6	Clear, Small Black Particulates, Small White Particulates	No Odor
12:45	5	150	10.10	1.60	7.29	5.92	5.16	0.13	11.0	-2.7	Clear, Small Black Particulates, Small White Particulates	No Odor
12:50	5	150	10.10	1.80	7.29	5.83	5.93	0.13	11.1	-4.2	Clear, Small Black Particulates, Small White Particulates	No Odor
12:55	5	150	10.10	2.00	7.29	5.79	5.55	0.12	11.1	-5.9	Clear, Small Black Particulates, Small White Particulates	No Odor
13:00	5	150	10.10	2.20	7.29	5.76	5.80	0.12	11.2	-7.8	Clear, Small Black Particulates, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-46			Date	03-13-2023
Project Name/Location	Ford LTP			Weather	30.0 degrees F and Light Snow and Fog/Mist. The wind is blowing N/NE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.25	Total Depth (ft-bmp)	19.17	Water Column (ft.)	9.92	Gallons in Well	1.61
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.49		--		
Sample Time: Label	12:55	Volume Purged	2.4 gallons	Replicate/Code No.		Sampled by	Sommer Guy
Purge Start	11:47						
Purge End	12:56						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:49	0	150	9.71	0.00	9.07	46.55	125.00	5.30	9.8	125.7	Clear, Cloudy, Small Black Particulates, Small White Particulates	No Odor
11:54	5	150	10.28	0.20	7.99	44.06	92.90	2.83	11.1	119.6	Clear, Cloudy, Small Black Particulates, Small White Particulates	No Odor
11:59	5	150	10.38	0.40	7.93	39.47	58.60	2.20	11.3	116.4	Clear, Cloudy, Small Black Particulates, Small White Particulates	No Odor
12:04	5	150	10.39	0.60	7.94	37.22	40.30	1.94	11.5	114.1	Clear, Cloudy, Small Black Particulates, Small White Particulates	No Odor
12:09	5	150	10.39	0.80	7.98	34.64	34.70	1.56	11.6	111.7	Clear, Cloudy, Small Black Particulates, Small White Particulates	No Odor
12:14	5	150	10.40	1.00	8.03	31.88	29.70	1.38	11.8	109.2	Clear, Small Black Particulates, Small White Particulates	No Odor
12:19	5	150	10.40	1.20	8.06	29.60	26.20	1.17	11.8	106.4	Clear, Small Black Particulates, Small White Particulates	No Odor
12:24	5	150	10.40	1.40	8.09	27.66	25.80	1.65	11.9	104.3	Clear, Small Black Particulates, Small White Particulates	No Odor
12:29	5	150	10.41	1.60	8.10	26.07	16.70	1.08	12.0	102.4	Clear, Small Black Particulates, Small White Particulates	No Odor
12:34	5	150	10.41	1.80	8.11	25.20	15.40	1.00	12.0	101.3	Clear, Small Black Particulates, Small White Particulates	No Odor
12:39	5	150	10.42	2.00	8.11	24.45	12.10	0.95	12.0	100.2	Clear, Small Black Particulates, Small White Particulates	No Odor
12:44	5	150	10.42	2.20	8.12	23.74	10.40	1.08	11.7	99.1	Clear, Small Black Particulates, Small White Particulates	No Odor
12:49	5	150	10.43	2.40	8.10	23.24	8.63	1.19	11.8	98.3	Clear, Small Black Particulates, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-47			Date	03-14-2023
Project Name/Location	Ford LTP	Weather	19.9 degrees F and Partly Cloudy. The wind is blowing NW at 11.4 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.04	Total Depth (ft-bmp)	20.04	Water Column (ft.)	11	Gallons in Well	1.79
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.12		--		Sommer Guy
Sample Time: Label	09:37	Volume Purged	2.0 gallons	Replicate/Code No.		Sampled by	
Purge Start	08:40						
Purge End	09:39						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
08:42	0	150	9.41	0.00	9.61	1.51	21.40	8.11	10.3	129.3	Clear, Small Orange Particulates, Small White Particulates	No Odor
08:47	5	150	9.50	0.20	8.66	3.11	17.90	5.70	11.0	135.3	Clear, Small Orange Particulates, Small White Particulates	No Odor
08:52	5	150	9.53	0.40	7.58	5.80	13.10	2.69	11.2	137.9	Clear, Small Orange Particulates, Small White Particulates	No Odor
08:57	5	150	9.53	0.60	7.43	6.70	12.50	1.98	11.5	129.4	Clear, Small Orange Particulates, Small White Particulates	No Odor
09:02	5	150	9.53	0.80	7.38	7.39	10.10	1.49	11.6	122.2	Clear, Small Orange Particulates, Small White Particulates	No Odor
09:07	5	150	9.53	1.00	7.35	7.85	9.37	1.16	11.7	116.7	Clear, Small Orange Particulates, Small White Particulates	No Odor
09:12	5	150	9.53	1.20	7.33	8.22	10.10	0.85	11.8	112.2	Clear, Small Orange Particulates, Small White Particulates	No Odor
09:17	5	150	9.53	1.40	7.32	8.45	4.88	0.68	11.8	109.1	Clear, Small Orange Particulates, Small White Particulates	No Odor
09:22	5	150	9.53	1.60	7.31	8.63	3.72	0.63	11.6	106.3	Clear, Small Orange Particulates, Small White Particulates	No Odor
09:27	5	150	9.53	1.80	7.30	8.75	3.04	0.62	11.7	103.9	Clear, Small White Particulates	No Odor
09:32	5	150	9.53	2.00	7.30	8.84	3.80	0.59	11.7	102.0	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-48R			Date	02-24-2023
Project Name/Location	Ford LTP			Weather	25.0 degrees F and Mostly Cloudy. The wind is blowing N at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17.0-22.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.71	Total Depth (ft-bmp)	21.63	Water Column (ft.)	11.92	Gallons in Well	1.94
		Pump Intake (ft-bmp)	19.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.72		--		Leticia Ferreira
Sample Time: Label	10:14	Volume Purged	1.39 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:42						
Purge End	10:18						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:43	0	250	9.88	0.00	7.73	5.98	3.18	1.20	11.4	112.6	Clear, Small Brown Particulates, Small White Particulates	No Odor
09:48	5	200	9.85	0.33	7.73	6.22	2.43	0.53	10.9	79.4	Clear, Small Brown Particulates, Small White Particulates	No Odor
09:53	5	150	9.85	0.59	7.74	6.21	2.21	0.31	11.1	42.2	Clear, Small Brown Particulates, Small White Particulates	No Odor
09:58	5	150	9.85	0.79	7.73	6.23	2.27	0.59	10.9	17.9	Clear, Small Brown Particulates	No Odor
10:03	5	150	9.85	0.99	7.74	6.18	4.29	0.55	11.3	-2.0	Clear, Small Brown Particulates	No Odor
10:08	5	150	9.85	1.19	7.74	6.17	2.52	0.54	11.5	-2.9	Clear, Small Brown Particulates	No Odor
10:13	5	150	9.84	1.39	7.73	6.17	3.54	0.56	11.5	-12.0	Clear, Small Brown Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, N	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-48R			Date	03-16-2023
Project Name/Location	Ford LTP			Weather	33.1 degrees F and Cloudy. The wind is blowing S at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17.0-22.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.43	Total Depth (ft-bmp)	21.54	Water Column (ft.)	13.11	Gallons in Well	2.13
		Pump Intake (ft-bmp)	19.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.85		--		Sommer Guy
Sample Time: Label	08:45	Volume Purged	1.8 gallons	Replicate/Code No.		Sampled by	
Purge Start	07:53						
Purge End	08:48						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
07:55	0	150	8.58	0.00	7.63	5.91	16.80	1.61	12.1	150.0	Clear, Small White Particulates	No Odor
08:00	5	150	8.58	0.20	7.63	6.00	4.28	0.57	12.1	101.3	Clear, Small White Particulates	No Odor
08:05	5	150	8.58	0.40	7.66	6.00	3.98	0.32	12.2	51.1	Clear, Small White Particulates	No Odor
08:10	5	150	8.58	0.60	7.67	5.99	4.84	0.27	12.0	13.7	Clear, Small White Particulates	No Odor
08:15	5	150	8.58	0.80	7.68	6.00	4.52	0.22	12.1	-21.4	Clear, Small White Particulates	No Odor
08:20	5	150	8.58	1.00	7.68	6.00	3.34	0.15	12.0	-44.9	Clear, Small White Particulates	No Odor
08:25	5	150	8.58	1.20	7.67	5.99	3.56	0.14	12.2	-65.0	Clear, Small White Particulates	No Odor
08:30	5	150	8.58	1.40	7.67	5.99	4.54	0.12	12.2	-79.4	Clear, Small White Particulates	No Odor
08:35	5	150	8.58	1.60	7.66	6.00	3.54	0.12	12.1	-83.6	Clear, Small White Particulates	No Odor
08:40	5	150	8.58	1.80	7.66	6.00	4.01	0.11	12.3	-87.2	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, N	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-50			Date	02-23-2023
Project Name/Location	Ford LTP			Weather	34.0 degrees F and Fog. The wind is blowing S/SE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.72	Total Depth (ft-bmp)	18.5	Water Column (ft.)	10.78	Gallons in Well	1.75
		Pump Intake (ft-bmp)	18	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.97		DUP-04		
Sample Time: Label	14:06	Volume Purged	1.69 gallons	Replicate/Code No.		Sampled by	Leticia Ferreira
Purge Start	13:23						
Purge End	14:14						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:25	0	250	8.06	0.00	7.66	1.80	10.60	4.60	10.8	39.2	Clear, Small White Particulates	No Odor
13:30	5	120	7.99	0.33	7.59	1.77	8.01	3.49	10.5	33.3	Clear, Small Brown Particulates	No Odor
13:35	5	150	8.00	0.49	7.37	2.23	9.36	2.67	10.9	32.3	Clear, Small Brown Particulates	No Odor
13:40	5	150	8.02	0.69	7.22	3.06	8.68	1.39	11.2	23.8	Clear, Small Brown Particulates	No Odor
13:45	5	150	8.04	0.89	7.16	3.70	13.40	0.90	11.6	6.7	Clear, Small Brown Particulates	No Odor
13:50	5	150	8.04	1.09	7.15	3.87	11.60	0.49	11.5	-3.7	Clear, Small Brown Particulates	No Odor
13:55	5	150	8.05	1.29	7.14	3.77	5.60	0.49	11.7	-3.9	Clear, Small Brown Particulates	No Odor
14:00	5	150	8.05	1.49	7.14	3.82	5.20	0.40	11.7	-3.9	Clear, Small Brown Particulates	No Odor
14:05	5	150	8.05	1.69	7.13	3.79	5.10	0.40	11.8	-3.9	Clear, Small Brown Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, N	Well Locked at Arrival:	n/a
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-52			Date	03-09-2023
Project Name/Location	Ford LTP	Weather	43.0 degrees F and Mostly Cloudy. The wind is blowing at 4.7 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.6	Total Depth (ft-bmp)	19.8	Water Column (ft.)	12.2	Gallons in Well	1.98
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.97		--		
Sample Time: Label	15:10	Volume Purged	1.92 gallons	Replicate/Code No.		Sampled by	Patrick Labadie
Purge Start	14:04						
Purge End	15:21						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:05	0	120	7.60	0.00	7.39	5.75	72.50	2.01	11.8	12.0	Clear	No Odor
14:10	5	120	7.60	0.16	7.35	5.64	60.90	0.52	12.0	-2.3	Clear, Small Orange Particulates	No Odor
14:15	5	120	7.60	0.32	7.34	5.62	47.90	0.33	11.9	-21.2	Clear, Small Orange Particulates	No Odor
14:20	5	120	7.60	0.48	7.33	5.64	63.80	0.26	12.0	-38.5	Clear, Small Orange Particulates	No Odor
14:25	5	120	7.60	0.64	7.33	5.66	56.20	0.20	12.1	-49.3	Clear, Small Orange Particulates	No Odor
14:30	5	120	7.60	0.80	7.33	5.69	55.70	0.16	11.8	-60.2	Clear, Small Orange Particulates	No Odor
14:35	5	120	7.60	0.96	7.33	5.72	40.00	0.13	12.1	-69.5	Clear, Small Orange Particulates	No Odor
14:40	5	120	7.60	1.12	7.33	5.75	40.80	0.12	12.0	-74.9	Clear, Small Orange Particulates	No Odor
14:45	5	120	7.60	1.28	7.32	5.78	34.50	0.11	12.1	-81.2	Clear, Small Orange Particulates	No Odor
14:50	5	120	7.60	1.44	7.32	5.82	44.00	0.12	11.9	-87.4	Clear, Small Orange Particulates	No Odor
14:55	5	120	7.60	1.60	7.32	5.86	26.80	0.10	11.9	-90.7	Clear, Small Orange Particulates	No Odor
15:00	5	120	7.60	1.76	7.32	5.89	26.10	0.11	12.0	-94.3	Clear, Small Orange Particulates	No Odor
15:05	5	120	7.60	1.92	7.32	5.95	21.60	0.10	12.1	-97.9	Clear, Small Orange Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot				
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*
				6" = 1.47

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-53			Date	03-15-2023
Project Name/Location	Ford LTP			Weather	33.1 degrees F and Mostly Cloudy. The wind is blowing W/NW at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.91	Total Depth (ft-bmp)	20.78	Water Column (ft.)	13.87	Gallons in Well	2.25
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.71		--		
Sample Time: Label	13:42	Volume Purged	1.6 gallons	Replicate/Code No.		Sampled by	Sommer Guy
Purge Start	12:55						
Purge End	13:44						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:57	0	150	7.30	0.00	7.52	8.55	20.00	3.11	11.6	20.3	Clear, Small White Particulates	No Odor
13:02	5	150	7.40	0.20	7.39	9.17	15.50	0.37	11.5	-62.3	Clear, Small White Particulates	No Odor
13:07	5	150	7.42	0.40	7.39	9.03	12.60	0.27	11.6	-79.9	Clear, Small White Particulates	No Odor
13:12	5	150	7.42	0.60	7.39	8.94	9.35	0.26	11.4	-85.3	Clear, Small White Particulates	No Odor
13:17	5	150	7.42	0.80	7.38	8.80	8.18	0.35	11.6	-88.7	Clear, Small White Particulates	No Odor
13:22	5	150	7.42	1.00	7.38	8.78	5.82	0.35	11.6	-90.7	Clear, Small White Particulates	No Odor
13:27	5	150	7.42	1.20	7.38	8.80	3.70	0.32	11.7	-92.1	Clear, Small White Particulates	No Odor
13:32	5	150	7.42	1.40	7.37	8.86	4.20	0.29	11.6	-93.8	Clear, Small White Particulates	No Odor
13:37	5	150	7.42	1.60	7.37	8.94	4.50	0.28	11.6	-95.5	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, NE	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-54			Date	02-24-2023
Project Name/Location	Ford LTP			Weather	25.0 degrees F and Mostly Cloudy. The wind is blowing N at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.75	Total Depth (ft-bmp)	20.82	Water Column (ft.)	13.07	Gallons in Well	2.12
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.75		--		
Sample Time: Label	10:58	Volume Purged	1.6 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	10:11						
Purge End	11:01						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:12	0	150	8.12	0.00	7.39	10.72	8.19	2.66	9.4	-69.9	Clear	No Odor
10:17	5	150	8.06	0.20	7.46	11.19	11.70	0.78	9.8	-110.4	Clear	No Odor
10:22	5	150	8.09	0.40	7.49	11.29	9.84	0.26	9.9	-124.8	Clear	No Odor
10:27	5	150	8.09	0.60	7.49	11.30	7.79	0.37	10.1	-126.6	Clear	No Odor
10:32	5	150	8.11	0.80	7.50	11.32	7.02	0.15	10.2	-129.8	Clear	No Odor
10:37	5	150	8.12	1.00	7.49	11.35	6.04	0.32	10.3	-131.5	Clear	No Odor
10:42	5	150	8.12	1.20	7.50	11.36	4.95	0.26	10.3	-133.1	Clear	No Odor
10:47	5	150	8.12	1.40	7.50	11.45	4.70	0.30	10.3	-134.5	Clear	No Odor
10:52	5	150	8.12	1.60	7.50	11.47	4.39	0.29	10.3	-135.2	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, NE	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-54S			Date	02-24-2023
Project Name/Location	Ford LTP			Weather	26.1 degrees F and Light Snow. The wind is blowing N/NW at 11.4 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4.5-9.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.13	Total Depth (ft-bmp)	9.2	Water Column (ft.)	6.07	Gallons in Well	0.99
		Pump Intake (ft-bmp)	4.63	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.41		--		Samantha Hindle
Sample Time: Label	12:05	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	
Purge Start	11:23						
Purge End	12:07						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:24	0	150	3.22	0.00	7.76	0.52	7.16	11.00	4.5	48.8	Clear	No Odor
11:29	5	150	3.25	0.20	7.70	0.51	5.83	9.82	4.5	69.2	Clear	No Odor
11:34	5	150	3.31	0.40	7.71	0.51	1.91	9.50	4.4	92.5	Clear	No Odor
11:39	5	150	3.34	0.60	7.72	0.51	4.56	9.37	4.4	93.6	Clear	No Odor
11:44	5	150	3.36	0.80	7.72	0.50	0.02	9.04	4.4	100.6	Clear	No Odor
11:49	5	150	3.40	1.00	7.71	0.51	0.02	9.07	4.6	108.2	Clear	No Odor
11:54	5	150	3.40	1.20	7.71	0.51	0.02	9.06	4.6	112.6	Clear	No Odor
11:59	5	150	3.40	1.40	7.72	0.51	0.02	9.00	4.7	117.8	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, NE	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-57			Date	02-24-2023
Project Name/Location	Ford LTP			Weather	28.0 degrees F and Mostly Cloudy. The wind is blowing N/NW at 8.1 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17.0-22.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.29	Total Depth (ft-bmp)	21.7	Water Column (ft.)	14.41	Gallons in Well	2.34
		Pump Intake (ft-bmp)	19.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.03		--		Samantha Hindle
Sample Time: Label	13:45	Volume Purged	2.41 gallons	Replicate/Code No.		Sampled by	
Purge Start	12:39						
Purge End	13:50						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:40	0	160	7.84	0.00	12.03	1.42	40.20	7.40	10.2	58.8	Cloudy	No Odor
12:45	5	150	8.37	0.21	12.07	1.67	40.10	6.78	10.0	48.7	Cloudy	No Odor
12:50	5	150	8.71	0.41	11.81	2.17	43.00	5.63	10.3	64.1	Cloudy	No Odor
12:55	5	150	8.80	0.61	11.70	2.35	46.00	3.54	10.2	68.9	Cloudy	No Odor
13:00	5	150	9.00	0.81	11.25	2.81	59.60	4.33	10.6	80.5	Cloudy	No Odor
13:05	5	150	9.01	1.01	11.12	2.96	49.60	4.21	10.1	83.5	Cloudy	No Odor
13:10	5	150	9.10	1.21	10.63	3.39	45.20	2.99	10.7	91.1	Cloudy	No Odor
13:15	5	150	9.12	1.41	10.45	3.55	41.40	2.78	10.3	93.7	Cloudy	No Odor
13:20	5	150	9.18	1.61	9.94	3.98	32.10	1.88	10.3	99.9	Cloudy	No Odor
13:25	5	150	9.21	1.81	9.91	4.04	31.00	1.69	11.1	100.1	Cloudy	No Odor
13:30	5	150	9.25	2.01	9.72	4.27	26.30	1.37	10.4	102.3	Cloudy	No Odor
13:35	5	150	9.30	2.21	9.55	4.42	23.10	1.28	10.6	103.7	Cloudy	No Odor
13:40	5	150	9.30	2.41	9.34	4.65	25.00	0.93	11.5	104.8	Cloudy	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, NE	Well Locked at Arrival:	n/a
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.402.01	Well ID	MW-62			Date	02-23-2023
Project Name/Location	Ford LTP			Weather	33.1 degrees F and Light Drizzle and Fog/Mist. The wind is blowing SE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.0-21.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.88	Total Depth (ft-bmp)	21.12	Water Column (ft.)	11.24	Gallons in Well	1.83
		Pump Intake (ft-bmp)	18.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.94				
Sample Time: Label	12:31	Volume Purged	1.72 gallons	Replicate/Code No.	MW-62-MS_022323, MW-62-MSD_022323	Sampled by	Leticia Ferreira
Purge Start	11:49						
Purge End	12:43						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:50	0	200	8.97	0.00	7.06	4.96	12.10	11.10	14.3	119.0	Small White Particulates	No Odor
11:55	5	200	8.95	0.26	7.12	0.95	10.50	9.50	14.1	65.3	Clear	No Odor
12:00	5	150	8.95	0.52	7.14	0.70	7.71	6.90	14.2	11.6	Small White Particulates	No Odor
12:05	5	150	8.95	0.72	7.15	5.33	6.40	6.40	14.2	-23.5	Clear, Small White Particulates	No Odor
12:10	5	150	8.95	0.92	7.16	5.38	5.56	6.20	14.2	-40.7	Clear, Small White Particulates	No Odor
12:15	5	150	8.95	1.12	7.17	5.43	5.05	5.80	14.4	-48.3	Clear, Small White Particulates	No Odor
12:20	5	150	8.95	1.32	7.18	5.44	3.67	5.60	14.4	-48.0	Clear, Small White Particulates	No Odor
12:25	5	150	8.95	1.52	7.18	5.45	2.97	5.40	14.4	-48.0	Clear, Small White Particulates	No Odor
12:30	5	150	8.95	1.72	7.18	5.46	3.17	5.30	14.3	-48.0	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, N	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-63			Date	02-23-2023
Project Name/Location	Ford LTP			Weather	34.0 degrees F and Fog. The wind is blowing S/SE at 5.8 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7.0-12.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.81	Total Depth (ft-bmp)	11.71	Water Column (ft.)	3.9	Gallons in Well	0.63
		Pump Intake (ft-bmp)	9.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.48		--		Leticia Ferreira
Sample Time: Label	15:19	Volume Purged	1.56 gallons	Replicate/Code No.		Sampled by	
Purge Start	14:47						
Purge End	15:25						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:48	0	200	7.88	0.00	7.43	2.47	4.02	1.69	9.4	39.5	Clear, Small White Particulates	No Odor
14:53	5	200	7.86	0.26	7.43	2.51	2.81	1.03	9.4	39.2	Clear, Small White Particulates	No Odor
14:58	5	200	7.87	0.52	7.44	2.50	1.69	0.84	9.4	38.4	Clear	No Odor
15:03	5	200	7.87	0.78	7.45	2.52	0.76	0.64	9.5	38.1	Clear, Small White Particulates	No Odor
15:08	5	200	7.88	1.04	7.47	2.52	0.25	0.50	9.6	38.2	Clear	No Odor
15:13	5	200	7.88	1.30	7.47	2.52	0.02	0.49	9.6	38.4	Clear	No Odor
15:18	5	200	7.88	1.56	7.47	2.52	0.02	0.50	9.5	38.4	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, N	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-64			Date	02-28-2023
Project Name/Location	Ford LTP		Weather	37.0 degrees F and Cloudy. The wind is blowing W at 12.8 mph.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.53	Total Depth (ft-bmp)	20.05	Water Column (ft.)	10.52	Gallons in Well	1.71
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.4		--		
Sample Time: Label	12:35	Volume Purged	2.4 gallons	Replicate/Code No.		Sampled by	Sommer Guy
Purge Start	11:30						
Purge End	12:38						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:32	0	150	9.57	0.00	7.35	4.95	6.99	2.96	12.4	225.2	Clear, Small Orange Particulates, Small White Particulates	No Odor
11:37	5	150	9.58	0.20	7.21	5.36	5.49	0.64	13.2	208.9	Clear, Small Orange Particulates, Small White Particulates	No Odor
11:42	5	150	9.58	0.40	7.22	5.45	3.22	0.54	13.3	197.1	Clear, Small Orange Particulates, Small White Particulates	No Odor
11:47	5	150	9.58	0.60	7.21	5.77	2.69	0.38	13.4	181.3	Clear, Small Orange Particulates, Small White Particulates	No Odor
11:52	5	150	9.58	0.80	7.21	5.94	2.27	0.31	13.4	160.9	Clear, Small Orange Particulates, Small White Particulates	No Odor
11:57	5	150	9.58	1.00	7.21	6.09	1.98	0.28	13.4	127.7	Clear, Small Orange Particulates, Small White Particulates	No Odor
12:02	5	150	9.58	1.20	7.21	6.23	2.60	0.28	13.4	92.2	Clear, Small Orange Particulates, Small White Particulates	No Odor
12:07	5	150	9.58	1.40	7.21	6.31	1.82	0.26	13.4	58.5	Clear, Small Orange Particulates, Small White Particulates	No Odor
12:12	5	150	9.58	1.60	7.21	6.49	1.53	0.29	13.3	24.9	Clear, Small Orange Particulates, Small White Particulates	No Odor
12:17	5	150	9.58	1.80	7.21	6.47	1.71	0.26	13.2	-2.1	Clear, Small Orange Particulates	No Odor
12:22	5	150	9.58	2.00	7.21	6.49	0.78	0.22	13.3	-24.0	Small Orange Particulates, Small White Particulates	No Odor
12:27	5	150	9.50	2.20	7.21	6.53	1.27	0.24	13.7	-39.4	Clear, Small Orange Particulates	No Odor
12:32	5	150	9.58	2.40	7.21	6.56	1.06	1.66	13.6	-49.6	Clear, Small Orange Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-67			Date	02-24-2023
Project Name/Location	Ford LTP			Weather	30.0 degrees F and Partly Cloudy. The wind is blowing NW at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.0-14.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.15	Total Depth (ft-bmp)	13.65	Water Column (ft.)	4.5	Gallons in Well	0.73
		Pump Intake (ft-bmp)	11.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.92		--		
Sample Time: Label	16:45	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	16:02						
Purge End	16:46						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:04	0	150	9.15	0.00	7.47	5.05	10.20	2.02	8.8	145.8	Clear	No Odor
16:09	5	150	9.17	0.20	7.43	5.08	9.56	0.50	9.1	147.4	Clear	No Odor
16:14	5	150	9.18	0.40	7.41	5.13	4.26	0.48	8.9	142.7	Clear	No Odor
16:19	5	150	9.18	0.60	7.42	5.27	3.95	0.31	9.0	111.5	Clear	No Odor
16:24	5	150	9.18	0.80	7.42	5.36	3.30	0.38	9.3	77.1	Clear	No Odor
16:29	5	150	9.19	1.00	7.42	5.40	2.59	0.29	9.1	71.0	Clear	No Odor
16:34	5	150	9.18	1.20	7.42	5.43	2.25	0.18	9.0	76.1	Clear	No Odor
16:39	5	150	9.18	1.40	7.42	5.41	1.68	0.14	9.1	77.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-68			Date	03-13-2023
Project Name/Location	Ford LTP			Weather	31.0 degrees F and Light Snow and Fog/Mist. The wind is blowing N/NE at 2.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.74	Total Depth (ft-bmp)	19.72	Water Column (ft.)	10.98	Gallons in Well	1.78
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.9		--		
Sample Time: Label	10:25	Volume Purged	1.6 gallons	Replicate/Code No.		Sampled by	Sommer Guy
Purge Start	09:37						
Purge End	10:27						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:39	0	150	8.82	0.00	7.14	8.93	9.61	2.99	11.5	199.6	Clear, Small Orange Particulates, Small White Particulates	No Odor
09:44	5	150	8.82	0.20	7.22	8.58	6.17	0.73	11.7	187.1	Clear, Small Orange Particulates, Small White Particulates	No Odor
09:49	5	150	8.82	0.40	7.28	8.28	3.77	0.56	11.4	176.7	Clear, Small Orange Particulates	No Odor
09:54	5	150	8.82	0.60	7.30	8.00	3.25	0.48	11.1	166.4	Clear, Small Orange Particulates	No Odor
09:59	5	150	8.82	0.80	7.32	7.73	3.66	0.39	10.8	156.6	Clear, Small Orange Particulates	No Odor
10:04	5	150	8.82	1.00	7.35	7.49	2.41	0.31	10.8	145.5	Clear, Small Orange Particulates	No Odor
10:09	5	150	8.82	1.20	7.38	7.24	1.68	0.27	10.9	134.9	Clear, Small Orange Particulates	No Odor
10:14	5	150	8.82	1.40	7.39	7.12	2.25	0.22	10.9	127.2	Clear, Small Orange Particulates	No Odor
10:19	5	150	8.82	1.60	7.40	7.04	2.09	0.23	11.0	125.3	Clear, Small Orange Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good,Missing bolts	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-69			Date	02-28-2023
Project Name/Location	Ford LTP	Weather	37.0 degrees F and Cloudy. The wind is blowing W/NW at 13.9 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.9	Total Depth (ft-bmp)	19.91	Water Column (ft.)	10.01	Gallons in Well	1.63
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.86		--		
Sample Time: Label	13:35	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	Sommer Guy
Purge Start	12:53						
Purge End	13:38						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:55	0	150	10.12	0.00	7.23	8.96	53.90	1.17	12.7	1.1	Clear, Small Orange Particulates, Small White Particulates	No Odor
13:00	5	150	10.12	0.20	7.23	9.06	42.90	0.57	12.9	-57.2	Clear, Small Orange Particulates, Small White Particulates	No Odor
13:05	5	150	10.12	0.40	7.24	9.02	33.60	0.36	13.0	-82.0	Clear, Small Orange Particulates	No Odor
13:10	5	150	10.12	0.60	7.24	8.99	26.30	0.29	13.4	-93.0	Clear, Small Orange Particulates	No Odor
13:15	5	150	10.12	0.80	7.24	8.96	20.50	0.24	13.6	-99.7	Clear, Small Orange Particulates	No Odor
13:20	5	150	10.12	1.00	7.24	8.96	13.70	0.24	13.8	-103.8	Clear, Small Orange Particulates	No Odor
13:25	5	150	10.12	1.20	7.24	8.95	14.30	0.27	13.8	-106.7	Clear, Small Orange Particulates	No Odor
13:30	5	150	10.12	1.40	7.24	8.98	14.10	0.24	13.8	-108.9	Clear, Small Orange Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-70			Date	03-14-2023
Project Name/Location	Ford LTP	Weather	26.1 degrees F and Partly Cloudy. The wind is blowing NW at 16.1 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.12	Total Depth (ft-bmp)	20.09	Water Column (ft.)	9.97	Gallons in Well	1.62
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.86		--		Sommer Guy
Sample Time: Label	11:48	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	
Purge Start	11:06						
Purge End	11:52						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:08	0	150	10.22	0.00	7.64	7.48	171.00	1.79	9.1	8.5	Clear, Cloudy, Small Orange Particulates	No Odor
11:13	5	150	10.22	0.20	7.21	7.84	99.10	0.42	10.4	-9.7	Clear, Cloudy, Small Orange Particulates	No Odor
11:18	5	150	10.22	0.40	7.14	7.89	56.50	0.29	10.3	-20.0	Clear, Cloudy, Small Orange Particulates	No Odor
11:23	5	150	10.22	0.60	7.12	7.89	29.60	0.23	10.5	-26.7	Clear, Small Orange Particulates	No Odor
11:28	5	150	10.22	0.80	7.11	7.86	18.40	0.15	10.7	-32.2	Clear, Small Orange Particulates	No Odor
11:33	5	150	10.22	1.00	7.11	7.90	20.20	0.15	10.3	-35.3	Clear, Small Orange Particulates	No Odor
11:38	5	150	10.22	1.20	7.11	7.89	18.70	0.12	10.4	-38.0	Clear, Small Orange Particulates, Small White Particulates	No Odor
11:43	5	150	10.22	1.40	7.11	7.89	19.40	0.11	10.4	-40.3	Clear, Small Orange Particulates, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-71			Date	03-14-2023
Project Name/Location	Ford LTP			Weather	21.9 degrees F and Mostly Clear. The wind is blowing NW at 9.2 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.0-20.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.5	Total Depth (ft-bmp)	20.14	Water Column (ft.)	8.64	Gallons in Well	1.4
		Pump Intake (ft-bmp)	17.5	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.29		--		Sommer Guy
Sample Time: Label	10:43	Volume Purged	1.8 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:51						
Purge End	10:45						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:53	0	150	11.80	0.00	7.26	15.77	0.73	4.06	11.2	94.9	Clear, Small White Particulates	Faint Odor
09:58	5	150	11.73	0.20	7.11	16.91	1.93	3.33	11.1	7.1	Clear, Small White Particulates	Faint Odor
10:03	5	150	11.75	0.40	7.09	16.99	2.15	2.94	11.3	-29.4	Clear, Small White Particulates	Faint Odor
10:08	5	150	11.75	0.60	7.09	17.01	1.18	2.75	11.6	-46.3	Clear, Small White Particulates	Faint Odor
10:13	5	150	11.77	0.80	7.09	17.07	2.52	2.62	11.8	-58.8	Clear, Small White Particulates	Faint Odor
10:18	5	150	11.78	1.00	7.09	17.06	1.34	2.41	12.0	-65.9	Clear, Small White Particulates	Faint Odor
10:23	5	150	11.79	1.20	7.09	17.09	1.10	2.31	12.1	-71.9	Clear, Small White Particulates	Faint Odor
10:28	5	150	11.79	1.40	7.09	17.07	1.97	2.16	12.2	-77.2	Clear, Small White Particulates	Faint Odor
10:33	5	150	11.80	1.60	7.09	17.10	3.92	2.04	12.3	-81.8	Clear, Small White Particulates	Faint Odor
10:38	5	150	11.80	1.80	7.09	17.08	3.21	2.02	12.2	-85.0	Clear, Small White Particulates	Faint Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-208S			Date	03-09-2023
Project Name/Location	Ford LTP			Weather	40.0 degrees F and cloudy. The wind is blowing E/NE at 12.0 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.0-14.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.1	Total Depth (ft-bmp)	13.6	Water Column (ft.)	2.5	Gallons in Well	0.41
		Pump Intake (ft-bmp)	12.6	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.93		--		Sam Sukaria
Sample Time: Label	12:15	Volume Purged	1.2 gallons	Replicate/Code No.		Sampled by	
Purge Start	11:43						
Purge End	12:20						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:45	0	150	11.16	0.00	6.96	11.57	144.00	5.27	10.7	136.1	Clear, Small Orange Particulates	No Odor
11:50	5	150	11.16	0.20	7.04	11.83	17.00	1.08	11.0	133.7	Clear, Small Orange Particulates	No Odor
11:55	5	150	11.16	0.40	7.06	11.89	8.38	0.75	11.0	132.8	Clear, Small Orange Particulates	No Odor
12:00	5	150	11.16	0.60	7.05	12.03	3.58	0.57	11.1	132.6	Clear	No Odor
12:05	5	150	11.16	0.80	7.05	12.10	1.10	0.58	11.0	132.2	Clear	No Odor
12:10	5	150	11.16	1.00	7.05	12.11	0.02	0.58	11.1	131.8	Clear	No Odor
12:15	5	150	11.16	1.20	7.04	12.13	0.02	0.55	11.2	131.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-209S			Date	03-09-2023
Project Name/Location	Ford LTP			Weather	35.1 degrees F and Cloudy. The wind is blowing N/NE at 6.9 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.25	Total Depth (ft-bmp)	12.71	Water Column (ft.)	2.46	Gallons in Well	0.4
		Pump Intake (ft-bmp)	11.75	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	5.5		--		
Sample Time: Label	11:35	Volume Purged	2.2 gallons	Replicate/Code No.		Sampled by	Samantha Hindle
Purge Start	10:29						
Purge End	11:37						

SH

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	150	10.27	0.00	7.08	27.77	42.30	2.72	9.4	79.0	Clear, Small Orange Particulates	No Odor
10:35	5	150	10.27	0.20	7.06	28.13	36.30	2.37	9.1	62.3	Clear, Small Orange Particulates	No Odor
10:40	5	150	10.27	0.40	7.07	27.94	29.30	1.68	9.0	45.8	Clear	No Odor
10:45	5	150	10.27	0.60	7.08	27.90	27.20	1.54	9.1	43.4	Clear	No Odor
10:50	5	150	10.28	0.80	7.09	27.70	15.20	1.44	9.3	37.0	Clear	No Odor
10:55	5	150	10.28	1.00	7.09	27.62	13.40	1.34	9.4	34.5	Clear	No Odor
11:00	5	150	10.28	1.20	7.09	27.54	6.53	1.54	10.0	36.6	Clear	No Odor
11:05	5	150	10.28	1.40	7.09	27.52	3.63	1.61	10.7	38.4	Clear	No Odor
11:10	5	150	10.28	1.60	7.10	27.59	2.90	1.35	11.9	38.7	Clear	No Odor
11:15	5	150	10.28	1.80	7.09	27.52	4.12	1.76	12.3	39.3	Clear	No Odor
11:20	5	150	10.28	2.00	7.10	27.52	4.00	1.78	12.6	37.3	Clear	No Odor
11:25	5	150	10.28	2.20	7.11	27.30	1.76	1.83	12.3	30.7	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-210S			Date	03-09-2023
Project Name/Location	Ford LTP			Weather	43.0 degrees F and Mostly Cloudy. The wind is blowing at 4.7 mph.		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8.0-13.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.98	Total Depth (ft-bmp)	12.7	Water Column (ft.)	2.72	Gallons in Well	0.44
		Pump Intake (ft-bmp)	11.48	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4.09		--		Samantha Hindle
Sample Time: Label	14:40	Volume Purged	1.8 gallons	Replicate/Code No.		Sampled by	
Purge Start	13:45						
Purge End	14:43						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:46	0	150	10.01	0.00	7.20	11.55	62.80	1.32	12.1	-79.3	Small Orange Particulates, Yellow	No Odor
13:51	5	150	10.00	0.20	7.18	11.63	26.60	0.87	12.2	-82.5	Clear, Small Orange Particulates	No Odor
13:56	5	150	10.00	0.40	7.18	11.65	23.50	0.74	12.4	-83.2	Clear	No Odor
14:01	5	150	10.00	0.60	7.18	11.77	12.90	0.35	12.8	-84.5	Clear	No Odor
14:06	5	150	10.00	0.80	7.18	11.78	9.97	0.37	13.1	-84.9	Clear	No Odor
14:11	5	150	10.00	1.00	7.18	11.83	5.35	0.50	14.1	-80.7	Clear	No Odor
14:16	5	150	10.00	1.20	7.18	11.86	6.76	0.55	14.5	-81.7	Clear	No Odor
14:21	5	150	10.00	1.40	7.17	12.13	4.46	0.30	13.7	-86.9	Clear	No Odor
14:26	5	150	10.00	1.60	7.17	12.14	3.66	0.27	13.6	-87.7	Clear	No Odor
14:31	5	150	10.00	1.80	7.17	12.18	3.12	0.26	13.5	-89.1	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID		MW-211S			Date	03-09-2023	
Project Name/Location		Ford LTP		Weather	43.0 degrees F and Mostly Cloudy. The wind is blowing E at 10.3 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7.0-12.0	Casing Diameter (in.)	2		Well Material	PVC	
Static Water Level (ft-bmp)	8.4	Total Depth (ft-bmp)	11.84	Water Column (ft.)	3.44		Gallons in Well	0.56	
		Pump Intake (ft-bmp)	9.9	Purge Method	Low-Flow		Sample Method	Grab	
		Well Volumes Purged	3.21		--			Samantha Hindle	
Sample Time: Label	16:00	Volume Purged	1.8 gallons	Replicate/Code No.			Sampled by		
Purge Start	15:05								
Purge End	16:03								

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:06	0	150	8.42	0.00	7.18	16.00	20.30	2.67	11.0	80.8	Clear, Small Orange Particulates	No Odor
15:11	5	150	8.42	0.20	7.24	16.50	21.70	3.19	10.5	64.3	Clear, Small Orange Particulates	No Odor
15:16	5	150	8.42	0.40	7.27	17.09	11.10	3.21	10.3	54.4	Clear	No Odor
15:21	5	150	8.42	0.60	7.27	17.06	9.12	0.62	10.4	54.3	Clear	No Odor
15:26	5	150	8.42	0.80	7.27	17.12	9.12	0.65	10.6	55.2	Clear	No Odor
15:31	5	150	8.42	1.00	7.27	17.15	5.71	0.76	11.2	55.9	Clear	No Odor
15:36	5	150	8.42	1.20	7.27	17.16	5.01	0.87	11.9	61.4	Clear	No Odor
15:41	5	150	8.42	1.40	7.27	17.15	4.36	0.70	12.5	61.4	Clear	No Odor
15:46	5	150	8.42	1.60	7.27	17.13	4.39	0.71	12.5	61.0	Clear	No Odor
15:51	5	150	8.42	1.80	7.28	17.13	4.70	0.66	12.6	61.3	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Fair	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-212S			Date	03-09-2023
Project Name/Location	Ford LTP	Weather	35.1 degrees F and Cloudy. The wind is blowing N/NE at 6.9 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.5-11.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.75	Total Depth (ft-bmp)	11.15	Water Column (ft.)	3.4	Gallons in Well	0.55
		Pump Intake (ft-bmp)	9.25	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	3.49		--		Patrick Labadie
Sample Time: Label	10:55	Volume Purged	1.92 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:54						
Purge End	11:05						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:55	0	120	7.75	0.00	7.09	5.63	31.40	10.27	8.5	105.9	Clear, Small Orange Particulates	No Odor
10:00	5	120	7.75	0.16	7.04	12.21	39.90	5.01	8.3	104.7	Clear, Small Orange Particulates	No Odor
10:05	5	120	7.75	0.32	7.07	12.57	31.80	4.25	8.7	100.3	Clear, Small Orange Particulates	No Odor
10:10	5	120	7.75	0.48	7.09	12.38	21.10	4.04	8.8	96.6	Clear, Small Orange Particulates	No Odor
10:15	5	120	7.75	0.64	7.10	12.03	14.20	3.66	8.9	94.1	Clear, Small Orange Particulates	No Odor
10:20	5	120	7.75	0.80	7.11	11.62	9.75	3.26	8.9	91.9	Clear	No Odor
10:25	5	120	7.75	0.96	7.12	11.28	9.37	3.05	8.9	90.3	Clear	No Odor
10:30	5	120	7.75	1.12	7.13	11.02	8.03	2.93	8.9	89.0	Clear	No Odor
10:35	5	120	7.75	1.28	7.14	10.81	5.84	2.45	8.9	87.6	Clear	No Odor
10:40	5	120	7.75	1.44	7.15	10.61	4.58	2.63	9.1	86.4	Clear	No Odor
10:45	5	120	7.75	1.60	7.15	10.37	3.80	2.46	9.1	85.0	Clear	No Odor
10:50	5	120	7.75	1.76	7.16	10.26	2.50	2.29	9.0	84.2	Clear	No Odor
10:55	5	120	7.75	1.92	7.16	10.14	1.20	2.10	9.1	83.4	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot				
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*
				6" = 1.47

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-213S			Date	03-09-2023
Project Name/Location	Ford LTP	Weather	35.1 degrees F and Cloudy. The wind is blowing N/NE at 6.9 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6.0-11.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.4	Total Depth (ft-bmp)	10.8	Water Column (ft.)	3.4	Gallons in Well	0.55
		Pump Intake (ft-bmp)	8.9	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	2.04		--		Patrick Labadie
Sample Time: Label	12:05	Volume Purged	1.12 gallons	Replicate/Code No.		Sampled by	
Purge Start	11:24						
Purge End	12:15						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:25	0	120	7.40	0.00	7.16	9.56	32.60	4.16	9.6	81.9	Clear, Small Orange Particulates	No Odor
11:30	5	120	7.40	0.16	7.18	9.46	26.20	1.95	9.4	81.5	Clear, Small Orange Particulates	No Odor
11:35	5	120	7.40	0.32	7.20	9.16	18.30	1.51	9.4	80.7	Clear, Small Orange Particulates	No Odor
11:40	5	120	7.40	0.48	7.21	8.93	16.20	1.33	9.6	79.3	Clear	No Odor
11:45	5	120	7.40	0.64	7.21	8.84	8.50	1.21	9.6	78.2	Clear	No Odor
11:50	5	120	7.40	0.80	7.22	8.73	4.50	1.13	9.5	76.1	Clear	No Odor
11:55	5	120	7.40	0.96	7.22	8.62	3.17	1.08	9.6	73.7	Clear	No Odor
12:00	5	120	7.40	1.12	7.22	8.55	2.50	1.03	9.5	70.9	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, E	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-218S			Date	03-15-2023
Project Name/Location	Ford LTP	Weather	23.0 degrees F and Partly Cloudy. The wind is blowing W/NW at 5.8 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.0-14.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.97	Total Depth (ft-bmp)	13.15	Water Column (ft.)	2.18	Gallons in Well	0.35
		Pump Intake (ft-bmp)	12.47	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	4		--		Sommer Guy
Sample Time: Label	09:40	Volume Purged	1.4 gallons	Replicate/Code No.		Sampled by	
Purge Start	09:00						
Purge End	09:43						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
09:02	0	150	10.99	0.00	7.17	4.57	7.06	2.35	7.9	150.2	Clear, Small White Particulates	No Odor
09:07	5	150	11.00	0.20	6.95	4.47	2.58	0.64	8.9	134.6	Clear, Small White Particulates	No Odor
09:12	5	150	11.00	0.40	6.95	4.34	2.20	0.38	9.2	122.2	Clear, Small White Particulates	No Odor
09:17	5	150	11.00	0.60	6.94	4.20	1.30	0.38	9.3	113.9	Clear	No Odor
09:22	5	150	11.00	0.80	6.94	4.04	1.60	0.23	9.4	105.4	Clear	No Odor
09:27	5	150	11.00	1.00	6.94	3.99	1.93	0.22	9.4	99.3	Clear	No Odor
09:32	5	150	11.00	1.20	6.94	3.95	1.04	0.21	9.4	94.4	Clear	No Odor
09:37	5	150	11.00	1.40	6.94	3.93	1.61	0.22	9.4	89.6	Clear	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, SE	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	MW-219S			Date	03-01-2023
Project Name/Location	Ford LTP		Weather	44.1 degrees F and Mostly Cloudy. The wind is blowing S/SE at 6.9 mph.			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	7.0-12.0	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.38	Total Depth (ft-bmp)	11.23	Water Column (ft.)	3.85	Gallons in Well	0.63
		Pump Intake (ft-bmp)	8.88	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	1.9		--		
Sample Time: Label	12:45	Volume Purged	1.2 gallons	Replicate/Code No.		Sampled by	Sommer Guy
Purge Start	12:08						
Purge End	12:48						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:09	0	150	7.44	0.00	8.33	6.41	36.10	5.45	9.9	76.4	Clear, Small White Particulates	No Odor
12:14	5	150	7.42	0.20	7.95	6.47	22.60	4.30	9.0	80.9	Clear, Small Orange Particulates, Small White Particulates	No Odor
12:19	5	150	7.42	0.40	7.93	6.64	15.00	3.74	9.1	81.2	Clear, Small White Particulates	No Odor
12:24	5	150	7.42	0.60	7.93	6.72	11.30	3.61	9.0	81.3	Clear, Small White Particulates	No Odor
12:29	5	150	7.42	0.80	7.90	6.80	7.71	3.68	9.2	82.2	Clear, Small White Particulates	No Odor
12:34	5	150	7.42	1.00	7.88	6.93	7.40	3.90	9.1	83.7	Clear, Small White Particulates	No Odor
12:39	5	150	7.42	1.20	7.87	6.98	7.08	4.03	9.0	85.3	Clear, Small White Particulates	No Odor
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* Turbidity < 50 NTU and ±10% \or within 1 NTU of a previous reading when <10 NTU

Constituents Sampled	Container	Number	Preservative
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments none

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30167538.401.01	Well ID	PW-16-01			Date	02-24-2023
Project Name/Location	Ford LTP	Weather	30.2 degrees F and Partly Cloudy. The wind is blowing W/NW at 11.4 mph.				
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.7-19.7	Casing Diameter (in.)	6	Well Material	PVC
Static Water Level (ft-bmp)	8.25	Total Depth (ft-bmp)	21.45	Water Column (ft.)	13.2	Gallons in Well	19.3
		Pump Intake (ft-bmp)	14.7	Purge Method	Low-Flow	Sample Method	Grab
		Well Volumes Purged	0.06				
Sample Time: Label	15:28	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Sommer Guy
Purge Start	14:51						
Purge End	15:31						

Time	Minutes Elapsed between Readings	Flow Rate (mL/min) [100-300 mL/min]	Depth to Water (ft) [± 0.3]	Total Gallons Purged	pH [± 0.1]	Cond. (mS/cm) [± 3%]	Turbidity (NTU) [± 10%*]	DO (mg/L) [± 10%]	Temp. (°C) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:53	0	150	8.32	0.00	7.27	6.14	28.20	11.23	11.4	46.0	Clear, Small White Particulates	No Odor
14:58	5	150	8.34	0.20	7.27	6.24	61.10	10.36	12.2	27.3	Clear, Cloudy, Small Orange Particulates	No Odor
15:03	5	150	8.34	0.40	7.26	6.26	50.00	10.00	12.3	14.2	Clear, Small Orange Particulates	No Odor
15:08	5	150	8.34	0.60	7.26	6.26	36.80	9.77	12.1	6.8	Clear, Small Orange Particulates	No Odor
15:13	5	150	8.35	0.80	7.26	6.25	32.40	9.37	12.1	1.8	Clear, Small Orange Particulates	No Odor
15:18	5	150	8.35	1.00	7.26	6.26	30.40	8.96	12.2	-3.3	Clear, Small Orange Particulates	No Odor
15:23	5	150	8.35	1.20	7.26	6.27	29.60	8.83	12.3	-7.3	Clear, Small Orange Particulates	No Odor
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Well Casing Volumes

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Well Information

Well Location:	Onsite, S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a