TRANSMITTAL LETTER

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Date:
April 30, 2020

Subject:
Livonia Transmission Plant
Q1 2020 Progress Report

Arcadis Project No.:
30050315

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ARCADIS Design & Consultancy for natural and built assets

FORD MOTOR COMPANY

QUARTERLY PROGRESS REPORT - 1Q 2020

Livonia Transmission Plant

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April 30, 2020

QUARTERLY PROGRESS REPORT - 1Q 2020

Livonia Transmission Plant

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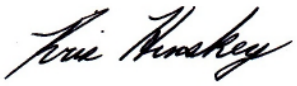

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1Q 2020: Activities

On-Site

1. Groundwater Sampling
2. Hydraulic Control System
   - ✓ Operating as Designed Since March 15, 2017
   - ✓ Discharge Compliance
3. Sub-Slab Depressurization System
   - ✓ Operating as Designed Since August 13, 2018
   - ✓ Discharge Compliance
4. Response Activities
   - Vapor Intrusion Assessment/Sampling
   - Groundwater Delineation

Off-Site

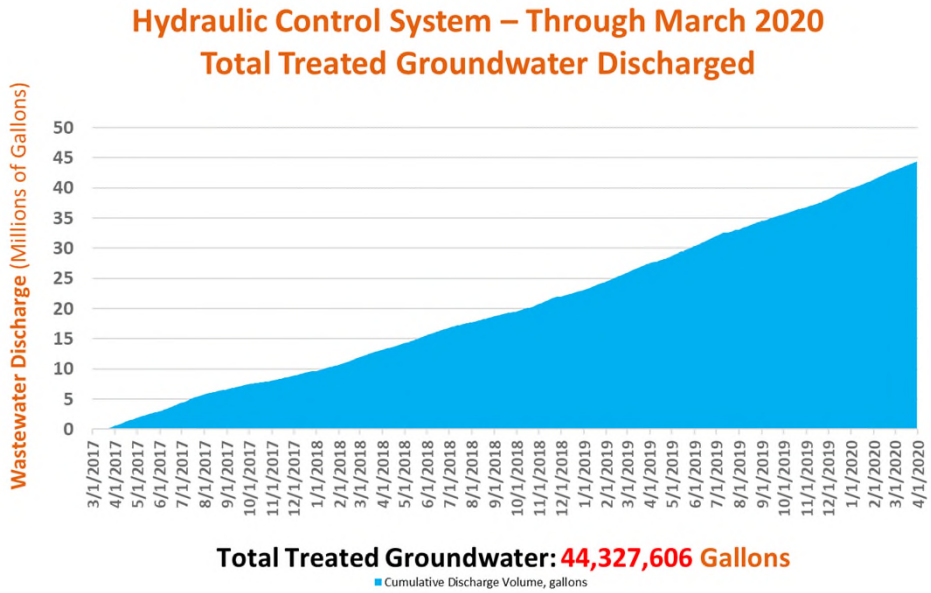
1. Groundwater Sampling
2. Response Activities
   - Vapor Intrusion Assessment
   - Vapor Intrusion Mitigation
   - Groundwater Delineation

Total On-Site Routine Samples

Period	Groundwater / Water	Soil/ Sediment	Sub-Slab /Soil Gas
1Q 2020	99	0	141
Total since Oct. 2015	1,213	328	441

Total Off-Site Routine Samples

Period	Groundwater	Soil Gas
1Q 2020	154	0
Total since Oct. 2015	1,075	255



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Key Dates

ARCADIS Design & Consultancy for natural and built assets

2018-2020 Document Submittal

Document	Date Submitted	Status
4Q 2017 Progress Report	1/30/18	Received
RespAP Response to Comments Letter	4/13/18	Received
VI RespAP 6.6(b)(i) Revised	4/13/18	Approved with Modifications
RI RespAP 6.7 Revised	4/13/18	Approved with Modifications
1Q 2018 Progress Report	4/30/18	Received
Response to EGLE Request for CSM	7/20/18	Received
2Q 2018 Progress Report	7/31/18	Received
Public Outreach Plan	8/7/2018	Received
3Q 2018 Progress Report	10/3118	Received
4Q 2018 Progress Report	2/1/2019	Received
Response to EGLE	2/8/2019	Responded
Response to EGLE	3/11/19	Responded
Response to EGLE	3/14/19	Responded
Extension Request to EGLE	3/14/19	Responded
Laboratory Memo	4/16/19	Received
Extension Request to EGLE	4/17/19	Responded
1Q 2019 Progress Report	5/2/19	Received
Response to EGLE	5/15/19	Responded
Response to EGLE	5/17/19	Responded
Response to EGLE	5/24/19	Responded
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EGLE Update Letter	6/7/19	Received
Updated Public Outreach Plan	6/28/19	Received
EGLE Update Letter	7/12/19	Received
Response to EGLE	7/25/19	Responded
EGLE Update Letter	7/31/19	Received
Q2 2019 Progress Report	7/31/19	Received
Residential Concern Memo	7/31/19	Received
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EGLE Update Letter	8/30/19	Received
Residential Concern Memo	8/30/19	Received
EGLE Update Letter	9/30/19	Received
Residential Concern Memo	9/30/19	Received
Residential Concern Memo	10/31/19	Received
EGLE Update Letter	10/31/19	Received
Q3 2019 Progress Report	11/8/19	Received
EGLE Update Letter	11/27/19	Received
Residential Concern Memo	11/27/19	Received
EGLE Update Letter	12/31/19	Received
Residential Concern Memo	12/31/19	Received
Response Activity Plan – Revised Utility Corridor Evaluation	1/7/2020	Received
EGLE Letter	1/23/2020	Received
Residential Concern Memo	1/31/2020	Received
Q4 2019 Progress Report	1/31/2020	Received

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Key Dates

2018-2020 Document Submittal

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EGLE Update Letter	1/31/2020	Received
EGLE Update Letter	2/14/2020	Received
Residential Concern Memo	2/29/2020	Received
EGLE Update Letter	2/29/2020	Received
EGLE Update Letter	3/5/2020	Received
EGLE Update Letter	3/31/2020	Received
Residential Concern Memo	3/31/2020	Received

Upcoming Dates

2020

May Off-Site 2Q 2020 Groundwater Sampling

May On-Site 2Q 2020 Groundwater Sampling

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Figure 7 – On-Site Monitoring Wells Vinyl Chloride in Groundwater

Figure 8 – On-Site Monitoring Wells 1,4-Dioxane in Groundwater

Figure 9 – Off-Site Monitoring Wells 1,4-Dioxane in Groundwater

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Figure 12 – Hydraulic Gradient Map February 2020

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Appendix C - Off-Site Groundwater Field Sampling Logs

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ACRONYMS AND ABBREVIATIONS

1,1-DCE	1,1-dichloroethene
1Q 2020	first quarter of 2020
4Q 2019	fourth quarter of 2019
3Q 2019	third quarter of 2019
2Q 2019	second quarter of 2019
1Q 2019	first quarter of 2019
2Q 2018	second quarter of 2018
3Q 2018	third quarter of 2018
4Q 2018	fourth quarter of 2018
AOC	Area of Concern
Arcadis	Arcadis of Michigan LLC
ATNPC	Automatic Transmission New Product Center
CD	Consent Decree
cis-1,2-DCE	cis-1,2-dichloroethene
COC	constituent of concern
CSM	conceptual site model
DO	dissolved oxygen
EGLE	Michigan Department of Environment, Great Lakes, and Energy
Ford	Ford Motor Company
GLWA	Great Lakes Water Authority
gpm	gallons per minute
HCS	hydraulic control system
LNAPL	light non-aqueous phase liquid
LTP	Livonia Transmission Plant
µg/L	microgram per liter
MDEQ	Michigan Department of Environmental Quality
mg/L	milligram per liter
mL	milliliter
mL/min	milliliter per minute
ORP	oxidation-reduction potential
PCB	polychlorinated biphenyl
PCE	tetrachloroethene
PLC	programmable logic controller
QAPP	Quality Assurance Project Plan

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report	Progress Report
RespAP	Response Activity Plan
RIASL	Recommended Interim Action Screening Level
ROW	right-of-way
SSDS	sub-slab depressurization system
SVOC	semi-volatile organic compound
TCE	trichloroethene
TDL	Target Detection Limit
TestAmerica	TestAmerica Laboratories
trans-1,2-DCE	trans-1,2-dichloroethene
USEPA	United States Environmental Protection Agency
VC	vinyl chloride
VI	vapor intrusion
VIAC	Volatilization to Indoor Air Criteria
VOC	volatile organic compound

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1 INTRODUCTION

1.1 Purpose of This Report

Arcadis of Michigan LLC (Arcadis), on behalf of Ford Motor Company (Ford) has prepared this Progress Report (report) for the Livonia Transmission Plant (LTP) property (the site) located at 36200 Plymouth Road in Livonia, Michigan. This report was produced in compliance with a Consent Decree (CD) filed by the Michigan Department of Environment, Great Lakes, and Energy (EGLE), formerly known as the Michigan Department of Environmental Quality (MDEQ), on July 27, 2017 (No: 2:1712372-GAD-RSW). The purpose of this report is to summarize the routine groundwater and vapor sampling conducted both at the site and the area east of the site, as well as the performance monitoring and maintenance associated with the hydraulic control system (HCS) and sub-slab depressurization system (SSDS) completed voluntarily by Ford. This report includes activities completed from January 1 through March 31, 2020 (1Q 2020). Activities described in this 1Q 2020 report include:

- On-site and off-site groundwater sampling
- HCS operation, evaluation, and performance monitoring
- SSDS operation, evaluation, and performance monitoring

This report primarily focuses on the seven constituents of concern (COCs) for the site, including: 1,1-dichloroethene (1,1-DCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), tetrachloroethene (PCE), trichloroethene (TCE), vinyl chloride (VC), and 1,4-dioxane.

1.2 Additional Response Activities

Additional response activities completed in 1Q 2020 include on-site vapor intrusion (VI) investigation, off-site VI investigation, and continued delineation of both the on-site and off-site groundwater impacts, as outlined in the Response Activity Plan - Vapor Intrusion Evaluation (Arcadis 2018a) and Response Activity Plan - Remedial Investigation (Arcadis 2018b), both dated April 13, 2018. In addition to the activities completed under the approved Response Activity Plan (RespAP), this report includes information regarding the interim preemptive mitigation system activities completed in 1Q 2020. Details regarding the additional response activities completed in 1Q 2020 are provided below.

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Date	Activity	Activities Completed in 1Q 2020	Additional Activities Required (yes or no)
January to March 2020	Additional Off-Site VI Assessment	302 samples collected (includes duplicate samples), includes sub-slab, indoor air, and ambient.	Yes
January to March 2020	Additional On-Site VI Assessment	156 sub-slab samples collected (includes duplicate samples) to complete defining the extent of impacts.	Yes
January to March 2020	Additional On-Site and Off-Site Monitoring Well Installation	25 monitoring wells installed on site; six monitoring wells installed off site to the northwest of LTP (**Appendix A**).	Yes
January to March 2020	Additional On-Site and Off-Site Investigation	38 investigation soil borings completed off site to the northwest of LTP. Vertical aquifer profile sampling completed at each location.	Yes
January to March 2020	Off-Site Mitigation System Installation	Sub-membrane depressurization systems installed at two properties; began installation activities at a third property.	Yes

The off-site VI assessment is ongoing, and large amounts of data were collected during 1Q 2020. The additional off-site VI data collected during 1Q 2020 are summarized below in Section 3.

On March 17, 2020, Ford sent a memo to EGLE titled “COVID-19 Force Majeure” (Ford 2020) requesting to temporarily halt off-site VI sampling and mitigation work in residential homes and commercial businesses due to the spread of Coronavirus Disease (COVID-19), pursuant to the Force Majeure provisions contained in the Consent Decree entered on July 27, 2017 in Michigan Department of Environmental Quality v. Ford Motor Company, Case No. 2:1712372-GAD-RSW. On March 23, 2020, EGLE responded in a memo granting that off-site VI sampling and mitigation work in residential homes and commercial business be temporarily suspended for 30 days (EGLE 2020). In the memo, EGLE stipulated that, if a residential mitigation system fails during this 30-day Force Majeure event, Ford will still be required to evaluate the mitigation system and conduct repairs to make the system effective and operational using the Centers for Disease Control and Prevention social distancing strategies. In addition, on March 23, 2020 and April 9,2020, Michigan Governor Gretchen Whitmer issued an executive order for all non-essential workers to stay at home for approximately 6 weeks. As a result, all VI sampling appointments and mitigation system installations were temporarily halted and will potentially resume in May 2020 if the executive order is lifted by the Governor.

1.3 Background

The LTP has been active in manufacturing in some capacity since the 1950s. The site is located at 36200 Plymouth Road, Livonia, Michigan (**Figure 1**) and occupies 178 acres of land. The LTP building occupies approximately 3 million square feet. The area surrounding the site includes light-industrial, commercial,

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and residential properties. For the purposes of this report, data are presented based on their locations as either on site or off site (**Figure 2**). On-site area of concern (AOC) locations include all areas within the site boundary including the LTP, Test Track, Wastewater Pre-Treatment Plant, Automatic Transmission Plant New Product Center (ATNPC), associated outbuildings, and the Plymouth Road right-of-way (ROW). Off-site AOC locations include commercial and residential properties located east of the site, from Belden Court west to Stark Road, and from Plymouth Road north to the railroad ROW (**Figure 2**).

2 SUMMARY OF ROUTINE ACTIVITIES

The following table summarizes all routine monitoring activities completed at the AOC during 1Q 2020. Refer to the subsequent sections for further detail on each respective event and associated tables and figures.

Date	Activity	Tables	Figures
February 2020	On-Site Groundwater Sampling	1, 2	3, 4, 5, 6, 7, 8,
February 2020	Off-Site Groundwater Sampling	3, 4	3, 9, 10A, 10B, 11
January to March 2020	HCS Performance Monitoring	5	2, 3, 12
January to March 2020	SSDS Performance Monitoring	-	2

2.1 On-Site Groundwater Sampling

Arcadis completed on-site gauging on February 5, 2020. Monitoring wells and piezometers were gauged from the top of casing using an electronic water-level meter to within 0.01 foot. A summary of the on-site 1Q 2020 groundwater elevations is included in the on-site quarterly groundwater elevation summary table (**Table 1)**. On-site groundwater elevation contours and apparent groundwater flow for the 1Q 2020 are provided on **Figure 3**.

On-site groundwater sampling was conducted from February 4 through February 21, 2020 on all monitoring wells excluding the 10 on-site light non-aqueous phase liquid (LNAPL) wells (LMW-15-01, LMW-15-02, LMW-15-03, LMW-15-04, LMW-15-05, LMW-15-06, LMW-15-07, LMW-15-08, LMW-15-09, and LMW-15-10) and one monitoring well (MW-20). Monitoring well MW-20 could not be sampled during Q1 2020 due to excessive sediment buildup within the well. Prior to the 2Q 2020 groundwater sampling event, monitoring well MW-20 will be assessed for integrity and redeveloped, if necessary. Groundwater was purged from the wells at a flow rate of 100 to 300 milliliters per minute (mL/min) until field parameters (conductivity, pH, turbidity, temperature, dissolved oxygen [DO], and oxidation-reduction potential [ORP]) stabilized. Once field parameters stabilized, groundwater samples were collected into laboratory-supplied bottles. A summary of the 1Q 2020 groundwater analytical results is presented in the on-site quarterly groundwater analytical data summary table (**Table 2**). On-site groundwater field sampling logs are provided for reference in **Appendix B.**

Groundwater samples were collected from 99 on-site monitoring wells and submitted on ice to TestAmerica Laboratories (TestAmerica) in Canton, Ohio and Edison, New Jersey. Additionally, duplicates and trip blanks collected during the sampling event were analyzed in accordance with the

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methodology specified in the on-site Quality Assurance Project Plan (QAPP; Arcadis 2017a) and submitted to TestAmerica. All groundwater samples were submitted for analysis of the specific list of volatile organic compounds (VOCs) via United States Environmental Protection Agency (USEPA) Method 8260B and 1,4-dioxane via USEPA Method 8260B-SIM based on a standard turnaround time of 10 business days for all existing wells, and 3 business days for newly installed wells. The groundwater analytical results are discussed in Section 3 below.

2.2 Off-Site Groundwater Sampling

Arcadis completed off-site gauging on February 5, 2020. Monitoring wells were gauged from the top of casing using an electronic water-level meter accurate to within 0.01 foot. A summary of the 1Q 2020 groundwater elevations (ROW monitoring wells only) is included in the off-site quarterly groundwater elevation summary table (**Table 3**). Groundwater elevation contours and apparent groundwater flow are provided on **Figure 3**. Only monitoring wells within the ROWs were gauged during the site-wide gauging event and used to produce the elevation contour figure.

Off-site groundwater sampling was conducted from February 4 through February 21, 2020. Groundwater was purged from the monitoring well at a flow rate of 100 to 300 mL/min until field parameters (depth to water, specific conductance, conductivity, pH, turbidity, temperature, DO, and redox/ORP) stabilized. Once field parameters were stable, groundwater samples were collected into laboratory-supplied bottles. The 1Q 2020 groundwater analytical results are summarized in the off-site quarterly groundwater analytical data summary tables (**Table 4 and Appendix A**). Off-site groundwater field sampling logs are provided for reference in **Appendix C**.

Groundwater samples were collected from 154 monitoring wells and submitted on ice to TestAmerica. Additionally, duplicates, matrix spike/matrix spike duplicates, and trip blanks collected during the sampling event were analyzed in accordance with the methodology specified in the off-site QAPP (Arcadis 2017b) and submitted to TestAmerica. A sample was not collected from well MW-175S due to no access to the property. Arcadis continues to work with the property owner to gain access to the property to sample the monitoring well.

All groundwater samples were submitted for analysis of the specific list of VOCs via USEPA Method 8260B and 1,4-dioxane via USEPA Method 8260B-SIM based on a standard turnaround time of 10 business days and 3 business days for newly installed wells. The wells located on the Roush property and in the adjacent Amrhein Road ROW for the northwest area investigation were submitted for analysis of cis-1,2-DCE; trans-1,2-DCE; TCE; and VC. The groundwater analytical results are discussed in Section 3 below.

2.3 Hydraulic Control System

2.3.1 System Overview

The HCS was installed to intercept groundwater and mitigate the potential for impacted groundwater to continue to migrate east of the HCS. Ford began operation of the HCS on March 15, 2017.

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The system is designed to extract groundwater via four horizontal wells (ESD-1, ESD-2, ESD-3, and ESD-4; see **Figure 2**), each equipped with a groundwater extraction pump. The extraction well screens are each 400 to 600 feet long; the combined length of the four wells extends across approximately 2,000 linear feet on a line approximately perpendicular to groundwater flow. Extracted groundwater is pumped to an above-grade treatment system, where it is treated by bag filters, an air stripper, and granular activated carbon filters before it is discharged to the sanitary sewer under the approved wastewater discharge permit (permit number 006-27510-IU) with the Great Lakes Water Authority (GLWA).

HCS equipment is operated by a programmable logic controller (PLC) unit that allows the system to function without constant operator supervision. The HCS operates each horizontal well by extracting groundwater to achieve the set level within each pumping well. Pumping in each well ceases when target drawdown is achieved and resumes when the water level begins to rebound. Details regarding design and operation of the system are provided in the Remedial System Operation and Maintenance Manual dated June 29, 2017 and in the Conceptual Site Model (CSM; Arcadis 2017c) dated August 25, 2017.

2.4 Interim Sub-Slab Depressurization System

2.4.1 System Overview

In response to the presence of VOCs beneath the LTP building, Ford has designed, installed, and begun operation of an interim SSDS. The SSDS was specifically designed to target select locations in the plant where the highest concentrations of VOCs were present underneath the concrete slab. The goal of the interim SSDS is to reduce the potential for sub-slab soil vapor to potentially migrate through the concrete slab into indoor air. Construction of the SSDS began in September 2017, and the system started extracting and treating soil vapor on August 14, 2018.

The system is designed to extract soil vapor via nine suction pits located in the LTP building (**Figure 2**). The suction pits are installed just beneath the building slab to induce a sub-slab vacuum and reduce the potential for sub-slab soil vapor to migrate into the indoor air. Each suction pit is connected to the conveyance piping network to transmit extracted soil vapor to the system building, where it is treated via a catalytic oxidizer before being discharged to the atmosphere pursuant to the Rule 290 air permitting exemption of the Michigan Air Pollution Control Rules.

3 SUMMARY OF RESPONSE ACTIVITY RESULTS

3.1 On-Site Groundwater Sampling

The on-site monitoring well groundwater results are compared to Michigan Part 201 Non-residential Generic Cleanup Criteria (June 2018). Comprehensive analytical results are summarized in **Table 2**. Compound concentrations of COCs exceeding Part 201 Criteria for 1Q 2020 include cis-1,2-DCE, trans-1,2-DCE, TCE, and VC. Figures summarizing the exceedances of cis-1,2-DCE, trans-1,2-DCE, TCE, VC, and 1,4-dioxane from the four most recent quarters of data (June 2019, September 2019, November 2019, and February 2020) are provided on **Figures 4 through 8**, respectively. All other site-specific compounds (1,1-DCE and PCE) either were not detected at concentrations above the reporting limits or were detected at concentrations below Part 201 Criteria for 1Q 2020.

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3.2 Off-Site Groundwater Sampling

The off-site monitoring well groundwater results are compared to the Part 201 Residential Generic Cleanup Criteria (June 2018) and the site-specific groundwater VI screening levels included as part of the CD. However, the site-specific screening levels provided for TCE and VC where groundwater may be in contact with a structure are below typical target detection limits (TDLs) for these compounds. In December 2017, Ford requested and received EGLE approval to use the EGLE Remediation and Redevelopment Division TDLs for TCE and VC of 1.0 microgram per liter (µg/L) as the groundwater screening level protective of VI at residential structures where there is potential for groundwater to be in contact.

Comprehensive off-site groundwater analytical results are summarized in **Table 4** and **Appendix A**. Only VC was detected during the 1Q 2020 event in off-site monitoring wells to the east of the site property at concentrations above the applicable criteria (VC 1.0 µg/L). The results for 1,4-dioxane, TCE, and VC from the four most recent quarters (May 2019, September 2019, November 2019, and February 2020) of data for the off-site monitoring wells to the east of the site property boundary are provided on **Figures 9, 10A,** and **11,** respectively. Other site-specific compounds (cis-1,2-DCE, 1,4-dioxane, 1,1-DCE, trans-1,2-DCE, and PCE) either were not detected at concentrations above the reporting limits or were detected at concentrations below respective Part 201 Residential Criterion for 1Q 2020.

Additional off-site groundwater sampling was completed northwest of the site to monitor impacts associated with the properties west of the facility and other upgradient potential source areas. The monitoring well locations are located on a commercial property and ROWs; therefore, the results were compared to the site-specific Non-residential Volatilization to Indoor Air Criteria (VIAC) adjusted for 12-hour work-day exposure. Only TCE was detected at concentrations above the Non-residential VIAC (210 µg/L for TCE). 1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, and 1,4-dioxane were also detected in the upgradient monitoring wells, but at concentrations below the Non-residential VIAC. Groundwater analytical results for the northwest area are summarized in **Table 5**. A summary of the TCE impacts in groundwater for the northwest area is shown on **Figure 10B**.

3.3 Off-Site Vapor Intrusion

3.3.1 Ongoing Off-Site Vapor Intrusion Response Activities

Since September 2018, multiple media have been sampled to assess VI. To date, approximately 2,989 indoor air, ambient air, and sub-slab soil vapor samples (including duplicate samples) have been collected at residential and commercial properties. Additionally, 55 water samples have been collected from residential properties where a sump is present.

To further evaluate groundwater quality and to address data gaps associated with the CSM, six additional monitoring wells were installed at the end of 4Q 2019: MW-214S, MW-215S, MW-216S, MW-217S, MW-223S, and MW-225S. These monitoring wells were sampled in 1Q 2020 to further evaluate the VI pathway in compliance with the CD. On November 13, 2019, EGLE sent Ford an email indicating that, because the 100-foot buffer line was moving more to the north along Capitol Avenue, three additional residential homes were required to be mitigated consistent with the interim preemptive mitigation program. Preemptive mitigation is ongoing at 33 residential properties. To date, 29 of the 33 mitigation

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systems have been installed. Two of the four remaining mitigation systems began installation in 1Q 2020 with planned completion of all residential properties by 2Q 2020. Mitigation in one of the remaining homes is pending per the property owner's request. The furnace and water heater will need to be removed from the home; therefore, the property owner has requested the mitigation system be installed in spring 2020. The remaining home has not been completed due to access issues.

3.4 Hydraulic Control System Operation and Performance Monitoring

The HCS performance is continually being evaluated and monitored. Treated water discharge volumes are documented daily and tabulated monthly (see **Table 6**). System shutdowns are documented as detailed below. Samples are collected monthly to document permit compliance for sanitary discharge and air emissions.

3.4.1 Hydraulic Control System Operation

The HCS operated with minimal unscheduled downtime. **Exhibit 1** below describes the system shutdowns, approximate durations, and dates. The majority of the downtime was to facilitate routine maintenance. The system operated with an uptime of 99.6 percent during 1Q 2020.

Exhibit 1: HCS Shutdown Summary

Date of Shutdown	Duration of Shutdowns	Summary of Shutdown
16-Jan-20	Less than 24 hours	The system was shut down to complete cleaning activities on air stripper sump, trays, and floats. Normal operation resumed the same day. Total shutdown time was approximately 5 hours.
13-Mar-20	Less than 24 hours	The system was shut down to perform backwashing on the lead carbon vessel. Field staff completed backwashing, and the HCS resumed normal operation the same day. Total shutdown time was approximately 1 hour.
16-Mar-20	Less than 24 hours	The system was shut down so that the water in the groundwater storage tote could be pumped into the system. Field staff completed pumping, and the HCS resumed normal operation the same day. Total shutdown time was approximately 1 hour.
30-Mar-20	Less than 24 hours	The system was shut down to perform backwashing on the lead carbon vessel. Field staff completed backwashing, and the HCS resumed normal operation the same day. Total shutdown time was less than 1 hour.

During the reporting period, groundwater was extracted from the horizontal wells to maintain continuous and consistent drawdown in each horizontal well. On March 24, 2020, the pump in horizontal well ESD-3 shut down. On March 25, 2020, the down pump was evaluated and it was determined that a new pump was needed to continue operation of ESD-3A. The new pump was ordered and was replaced on April 2, 2020. Following the replacement of the pump, ESD-3 returned to normal operation. Discharge volumes

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and flow rates tabulated monthly during the reporting period are summarized in **Exhibit 2** below. Daily HCS discharge volumes and monthly discharge totals are provided in **Table 6** for the 1Q 2020 reporting period. The total volume of water collected and treated from March 15, 2017 through 1Q 2020 is 44,327,606 gallons.

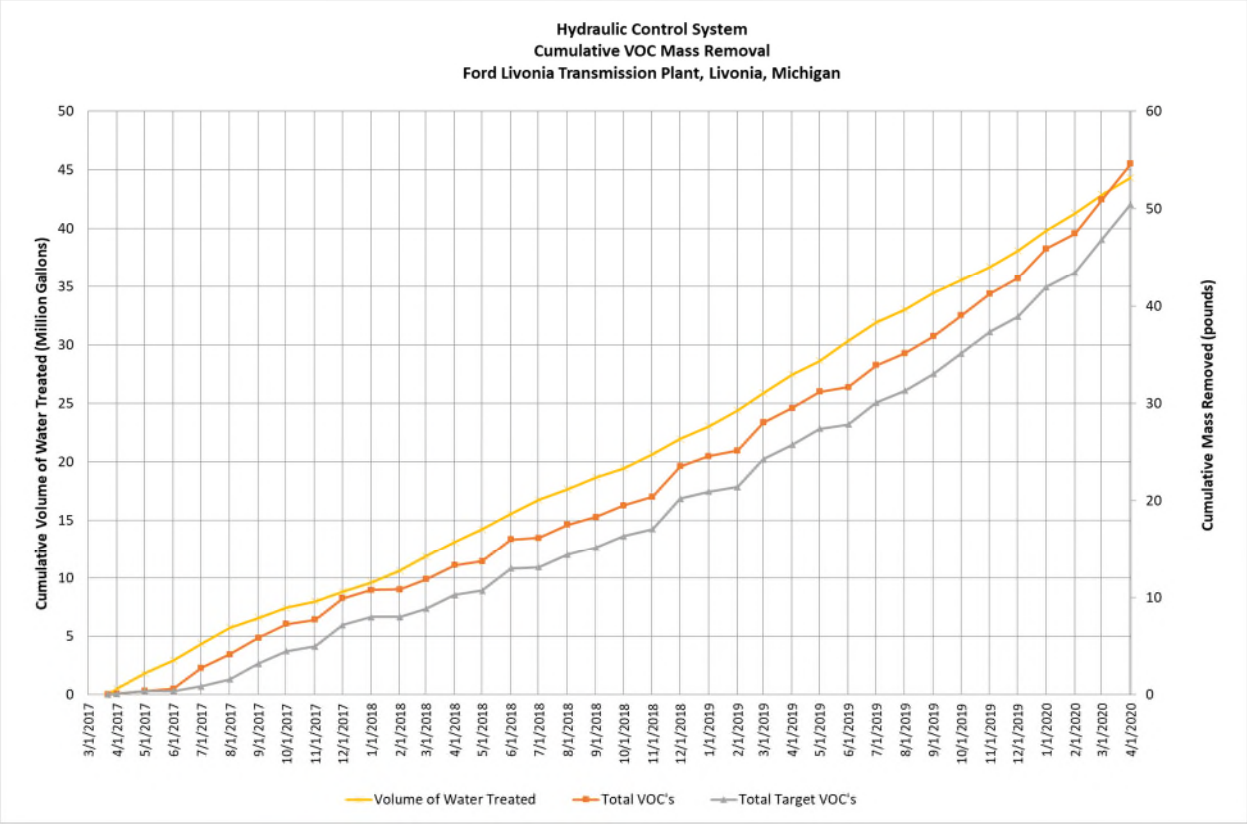
Exhibit 2: HCS Treated Discharge Water Volume and Flow Rate Summary – 1Q 2020

Month	Volume Treated (gallons)	Average Operational Flow Rate* (gpm)
January	1,505,012	34
February	1,578,004	38
March	1,439,161	32

Notes:
gpm = gallons per minute
*Treated volume divided by operating time.

Exhibit 3 below depicts the cumulative constituent-specific mass removal of VOCs through the 1Q 2020 reporting period. Groundwater mass removal calculations are based on air stripper effluent vapor sampled since June 2017.

Exhibit 3: HCS Mass Removal – 1Q 2020



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3.4.2 Maintenance Activities

Routine maintenance is required for effective operation of the HCS equipment and extraction. In Q1 2020, maintenance activities included routine bag filter changes, system cleanings, and carbon backwashes.

3.4.3 Hydraulic Control System Performance Monitoring

The performance of the HCS is evaluated in general accordance with USEPA guidance – A Systematic Approach for Evaluation of Capture Zone at Pump and Treat Systems (USEPA 2008) to demonstrate that the system is capturing groundwater as designed and mitigating additional migration of impacted groundwater to the east of the HCS. Three lines of evidence are used to evaluate system performance:

1. Groundwater elevation and horizontal gradient
2. Hydraulic response to pumping
3. Downgradient groundwater analytical trends.

Aquifer response and well efficiency during 1Q 2020 remained consistent with previous quarters.

3.4.3.1 Groundwater Elevation

A groundwater elevation contour map, including the area around the HCS system, is provided as **Figure 3**. The HCS wells are a horizontal groundwater sink oriented perpendicular to groundwater flow that captures groundwater flux across the approximately 2,000-foot-long cross-sectional area. The elevation of groundwater and the corresponding HCS total flow rate vary seasonally. The HCS extraction wells are equipped with variable speed pumps and can vary flow rate based on wet and dry seasons. The average monthly pumping rates (typically ranging from approximately 10 to 42 gpm over the course of a year) are consistent with the range of ambient groundwater flux rate calculated for the site. As shown on **Figure 3**, the hydraulic gradient west of the HCS is steep as groundwater approaches the HCS system, and then exhibits a deflection around the northern HCS wells (ESD-1 and ESD-2) with a more pronounced inward gradient around wells ESD-3 and ESD-4. This result is consistent with groundwater removal and capture at the site.

Consistent with USEPA guidance, hydraulic gradient direction was calculated for a series of well triplets located downgradient from the HCS system. Groundwater gauging was completed during the groundwater sampling event on February 5, 2020. The well triplets and calculated flow vectors are shown on **Figure 12**. The February 2020 gradient map shows that flow near the northern portion of the system (ESD-1) is deflected to the south, bending toward the southern end of ESD-1 and ESD-2 and then becoming more inward (westerly) downgradient from ESD-3 and ESD-4.

Hydraulic capture is difficult to evaluate for this system for several reasons:

- Aquifer response can be subtle (as outlined below), and low seasonal water levels during drier portions of the year can further confound drawdown within portions of the system area of influence.
- The coverage provided by the existing piezometers and monitoring wells is relatively sparse, and the well spacing relative to the HCS extraction wells is not optimum. Dense utilities in the area limit safe drilling locations (particularly near ESD-1), and monitoring well spacing near the ESD wells is

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maintained to avoid striking the HCS system during drilling (i.e., ESD horizontal locations are +/- 5 feet).

- HCS well efficiency also tends to decrease with time, and regular maintenance (such as flushing) is required to maintain optimum performance.

3.4.3.2 Hydraulic Response

Pressure transducers have been installed to monitor the system performance and influence on the aquifer system surrounding the HCS. Transducers are installed in 20 monitoring wells and piezometers at the southern end of the HCS wells above the pump and within the northern access vaults for each well. Below is a list of the monitoring wells that are currently equipped with transducers:

- ESD-1: MW-50, MW-62, PZ-01, PZ-08, PZ-14, and PZ-15 record water levels near the northernmost section of the system adjacent to ESD-1.
- ESD-2: MW-48, PZ-06, PZ-07, and PZ-09 record water levels near the center section of the system adjacent to well ESD-2.
- ESD-3: MW-46, MW-68, PZ-03, PZ-10, and PZ-13 record water levels near the center section of the system adjacent to well ESD-3.
- ESD-4: MW-45, MW-71, PZ-05, PZ-11, and PZ-12 record water levels near the southern section of the system adjacent to well ESD-4.
- The transducers located above the pumps on the southern end of each well are used to monitor pumping drawdown and modulate pumping rates for each well.
- Transducers located at the northern end of each HCS well are used to evaluate head loss along the length of the HCS well screen and evaluate pumping efficiency.
- The transducer located at MW-18 provides upgradient background water level data to help evaluate regional and seasonal groundwater elevation trends.

The transducer data for 1Q 2020 show piezometer and monitoring well groundwater elevation response in phase with pumping response, indicating hydraulic communication between the HCS wells and the surrounding aquifer. Hydrographs for each ESD well are provided in **Appendix D.**

3.4.3.3 Groundwater Analytical Trends

To date, 13 quarters of groundwater samples have been collected from monitoring wells beginning in 2016 (May 2016, April 2017, July 2017, November 2017, February 2018, May 2018, August 2018, October/November 2018, December 2018, February/March 2019, May/June 2019, September 2019, November 2019, and February 2020). Analytical results from the four most recent quarters of data are included on **Figures 4 through 11**. A key result of the performance monitoring is the result from monitoring well MW-71, which is located west of the HCS, opposite the primary zone of VOC impact migrating east from the LTP building. Since the installation of this well (April 2017), concentrations have been stable with only estimated detections of total dichloroethane (DCE) and VC at concentrations less than 1.0 µg/L.

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Concentration trends for TCE, total DCE, and VC were reviewed at representative wells located along the axis of impacted areas (on-site and off-site) and at wells located downgradient from the HCS system between May 2016 and February 2020. Trend analysis from wells upgradient from the HCS system can provide insights regarding source maturity. Stable concentrations (i.e., no trend with low variability in concentrations over time) and decreasing trends indicate that the source is mature or depleted. Increasing trends at individual source area wells can indicate an expanding plume, but also can reflect the wide range of concentrations and temporal variability common at source areas.

Trend analysis downgradient from the HCS provides the best measure of hydraulic capture performance; decreasing trends and no trends verify that the HCS is working, whereas increasing trends would indicate a lack of capture.

Mann-Kendall trend tests were conducted at selected wells for constituents present at concentrations greater than applicable screening criteria, and coefficient of variation values were calculated. The methodology, preliminary results summary, figures, and trend graphs are included as part of **Appendix E**. Key findings of the Mann-Kendall trend test include the following:

- Upgradient from HCS (south): At monitoring wells in the southern impacted area, concentrations of TCE, total DCE, and VC (where present above applicable screening levels) are statistically significantly decreasing or show no trend. The exceptions are MW-02, where total DCE shows a statistically significant increasing trend, and MW-10, where VC shows a statistically significant increasing trend. These two wells are located upgradient from the HCS system along the core of the southern impacted area. Groundwater impacts associated with these two monitoring wells are captured by the HCS system.
- Upgradient from HCS (north): VC concentration trends at monitoring wells upgradient from the HCS in the northern impacted area are statistically significantly decreasing, except for MW-50 immediately adjacent to ESD-1 and shows no significant trend.
- Downgradient from the HCS (on site): Concentrations of VC at each monitoring well located downgradient from the HCS system exhibit no statistically significant trend, except for MW-43 and MW-52, which show a statistically significant decreasing trends, and MW-69, which shows a statistically significant increasing trend.
    - Monitoring well MW-69 has fluctuated between <1 and 4.2 µg/L since April 2017. Since February 2019, the quarterly results have been relatively stable with concentrations of 4.1, 3.6, 3.5, 4.2, and then 3.5 µg/L in February 2020.
- Downgradient from the HCS (off site): Concentrations of VC at monitoring wells MW-73S, MW-75D, MW-79D, MW-80S, and MW-85 show statistically significant decreasing trends, while all other monitoring wells located off site show no trend.
    - Review of the trend graph for MW-73S shows that the VC concentration was 1.6 µg/L in May 2017. Concentrations have decreased with the most recent sample collected on February 2020, which was an estimated result (J) of 0.87 J µg/L.

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- Review of the trend graph for MW-75D shows that the VC concentration was 6.4 µg/L in May 2017. Concentrations have continued to decrease with the most recent sample collected in February 2020, which was 1.0 µg/L.
- Review of the trend graph for MW-79D shows that the VC concentration was 4.1 µg/L in May 2017. Concentrations have continued to decrease with the most recent sample collected in February 2020, which was 2.1 µg/L.
- Review of the trend graph for MW-80S shows that the VC concentration was 7.6 µg/L in November 2017. Concentrations have continued to decrease with the most recent sample collected in February 2020, which was 1.8 µg/L.
- Review of the trend graph for MW-85 shows that the VC concentration was 8.6 µg/L in May 2017. Concentrations have continued to decrease with the most recent sample collected in February 2020, which was 4.9 µg/L.

Except for a limited number of on-site upgradient monitoring well and constituent combinations that show statistically significant increasing trends (total DCE at MW-02 and MW-22; VC at MW-10, MW-50, and MW-69), the observations and measurements to date indicate that the groundwater impacts are stable and/or statistically significantly decreasing. Results of this evaluation provide a key line of evidence to indicate that the HCS system prevents further migration of groundwater impacts to the east of the HCS.

3.5 Summary of Hydraulic Control System Compliance Actions

Compliance sampling for the HCS GLWA discharge permit was completed each month. Samples were collected after treatment and before groundwater discharge. Samples were analyzed within appropriate hold times for constituents required by the discharge permit. **Exhibit 4** below depicts the sampling parameters, methods, and discharge limits monitored for compliance with the GLWA discharge permit. Results of compliance samples have been within discharge limits since system startup. Self-monitoring reports are submitted to the GLWA every 6 months to document discharge compliance.

Exhibit 4: GLWA Discharge Limitations for HCS

Parameter	Analytical Method	Discharge Limit
Cadmium (Cd)	USEPA 200.7 – Metals	1.0 milligrams per liter (mg/L)
Chromium (Cr)	USEPA 200.7 – Metals	25 mg/L
Copper (Cu)	USEPA 200.7 – Metals	2.5 mg/L
Lead (Pb)	USEPA 200.7 – Metals	1.0 mg/L
Nickel (Ni)	USEPA 200.7 – Metals	5.0 mg/L
Mercury (Hg)	USEPA 245.1 - Mercury	Non-Detect
Silver (Ag)	USEPA 200.7	1.0 mg/L
Zinc (Zn)	USEPA 200.7	7.3 mg/L
Total polychlorinated biphenyls	USEPA 608.3	Non-Detect

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Parameter	Analytical Method	Discharge Limit
Total Toxic Organic Compounds	USEPA 624.1 - VOCs USEPA 625.1 – Semi-Volatile Organic Compounds (SVOCs) USEPA 625.1 Dioxin Screen USEPA 1613B – Dioxins and Furans	20 µg/L

In addition, the GLWA discharge permit limits the discharge volume of the HCS to 100,800 gallons per day. Discharge volumes, documented daily and tabulated monthly, have been within discharge limits since system startup. Tabulated discharge volumes for the 1Q 2020 reporting period are presented in **Table 6**.

During the reporting period, monthly vapor samples were collected and analyzed for VOCs using the USEPA Method TO-15 for documenting compliance with the Rule 290 air permitting exemption of the Michigan Air Pollution Control Rules. All vapor emissions have been within discharge limits since system startup. Rule 290 emissions calculations are documented monthly and available upon request.

3.6 Interim Sub-Slab Depressurization System Operation and Performance Monitoring

The SSDS performance is continually evaluated and monitored. Vapor analytical samples are collected monthly to verify destruction efficiency of the catalytic oxidizer and document emissions compliance with the Rule 290 air permitting exemption of the Michigan Air Pollution Control Rules.

During the reporting period, monthly vapor samples were collected and analyzed for VOCs using USEPA Method TO-15. All vapor emissions have been within discharge limits since system startup. Rule 290 emissions calculations are documented monthly and available upon request.

The SSDS operated with minimal downtime during the reporting period. **Exhibit 5** below describes the approximate duration and date of each shutdown. Leak testing of the remaining accessible piping network and the remaining repairs were completed during January 2020. The majority of the downtime was to facilitate repairs to the 12 minor leaks identified during the leak testing of the overhead conveyance piping. The system operated with an uptime of 95.5 percent during 1Q 2020.

Exhibit 5: SSDS Shutdown Summary – 1Q 2020

Date of Shutdown	Duration of Shutdowns	Summary of Shutdown
13-Jan-20 through 17-Jan-20	Approximately 98 hours	The system was shut down to facilitate leak testing and the resulting piping repairs identified during leak testing. Total shutdown time was approximately 98 hours.

Exhibit 6 below depicts the cumulative constituent-specific mass removal of VOCs from sub-slab soil vapor through the 1Q 2020 reporting period.

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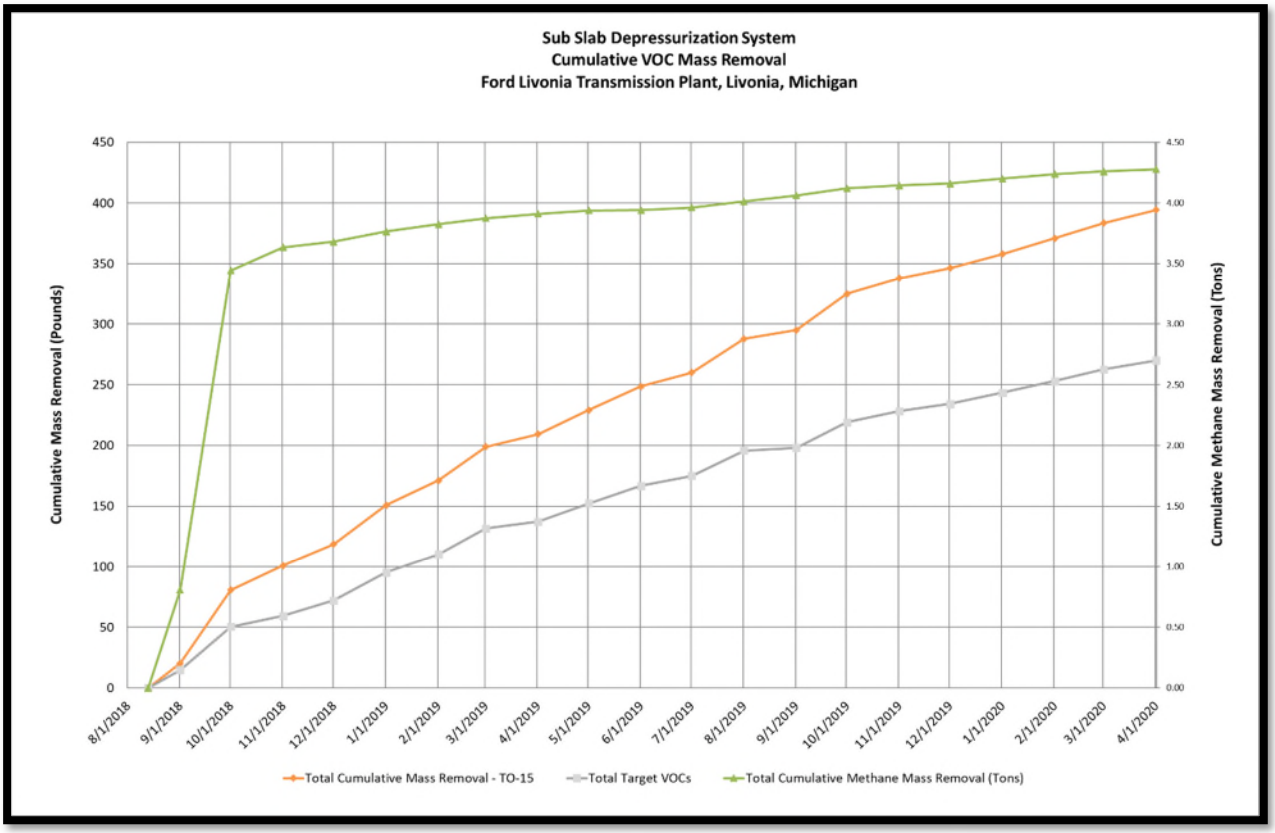
Exhibit 6: SSDS Mass Removal – 1Q 2020



4 ACCESS AGREEMENTS

In 1Q 2020, an access agreement was obtained from two additional properties (34800 Standish Street and 11871 – 11897 Belden Court) west of the site. Ford continues to negotiate in good faith to obtain access to the remaining residential property for completion of response activities.

5 OTHER RELEVANT INFORMATION

5.1 Due Care Obligations

Response activities and plant activities are ongoing and maintaining the due care obligation. In addition, to identify potential methane breakthrough, Arcadis performed weekly ambient air monitoring throughout the plant, prior to the executive order for all non-essential workers to stay at home for approximately 6 weeks. The monitoring is biased toward locations where piping or conduits come through the slab and move above grade.

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5.2 Public Outreach

Ford currently has an active website that allows the general public access to project updates: http://www.fordlivoniabostonbeaconproject.com. Additionally, during work implementation, Arcadis continues to communicate with EGLE and off-site property owners. On March 5, 2020, Ford and Arcadis conducted a meeting with EGLE via teleconference. The meeting discussed the CSM data gap data and scheduling of work related to the ResAPs.

5.3 List of Reporting Documents

A list of all reporting documents submitted during the 1Q 2020 reporting period is included in **Exhibit 7** below.

Exhibit 7: Submitted Reporting Documents – 1Q 2020

Report Title	Submission Date
Response Activity Plan – Revised Utility Corridor Evaluation	January 7, 2020
EGLE Letter	January 23, 2020
Residential Concern Memo	January 31, 2020
Q4 2019 Progress Report	January 31, 2020
EGLE Update Letter	January 31, 2020
EGLE Update Letter	February 14, 2020
Residential Concern Memo	February 29, 2020
EGLE Update Letter	February 29, 2020
EGLE Update Letter	March 5, 2020
EGLE Update Letter	March 31, 2020
Residential Concern Memo	March 31, 2020

6 WASTE MANAGEMENT

All investigation-derived waste, construction debris, or other waste is properly stored in labelled containers (e.g., 55-gallon drum, roll off) pending off-site disposal. All waste is managed by Ford and Clean Harbors. Clean Harbors is the Total Waste Manager for the site. All purge water generated during the groundwater sampling event is containerized in buckets and passed through the groundwater treatment system on site. In 1Q 2020, 17 soil drums, 17 water drums, one lead paint drum, and four filter media drums were disposed of.

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7 PROPOSED SCHEDULE

Installation of the mitigation systems and VI sampling appointments are currently suspended due to the COVID-19 Force Majeure. Activities are currently scheduled to resume in May 2020. Future response activities are scheduled as follows:

Exhibit 8: Response Activity Schedule

Response Activity	Proposed Schedule	Anticipated Completion
2Q 2020 On-site groundwater sampling	May 2020	June 2020
2Q 2020 Off-site groundwater sampling	May 2020	June 2020
HCS performance monitoring	Monthly	Ongoing
SSDS performance monitoring	Monthly	Ongoing
Off-Site Groundwater Delineation	Ongoing	Ongoing
Off-Site VI Investigation	May 2020	TBD
Off-Site Mitigation Response	May 2020	TBD

8 REFERENCES

Arcadis. 2017a. Quality Assurance Project Plan for the Ford Livonia Transmission Plant – On-Site. August.

Arcadis. 2017b. Quality Assurance Project Plan for the Ford Livonia Transmission Plant – Off-Site. August.

Arcadis. 2017c. Conceptual Site Model. August 25.

Arcadis. 2018a. Response Activity Plan - Vapor Intrusion Evaluation. April 13.

Arcadis. 2018b. Response Activity Plan - Remedial Investigation. April 13.

EGLE. 2020. Memo from P. Owens (EGLE) to T. Walton (Ford) re: Granting 30-day suspension of off-site VI sampling and mitigation work in residential homes and commercial business. March 23.

Ford. 2020. Memo to B. Alger (EGLE) from T. Walton (Ford) titled: COVID-19 Force Majeure. March 17.

USEPA. 2008. A Systematic Approach for Evaluation of Capture Zones at Pump and Treat Systems. U.S. Environmental Protection Agency, Washington, DC, EPA/600/R-08/003.

MDEQ. 2018. Part 201 Groundwater: Residential and Nonresidential Part 201 Generic Cleanup Criteria and Screening Levels. Michigan Department of Environmental Quality, Michigan.

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TABLES

Table 1
On-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

ARCADIS Design & Consultancy for natural and built assets

Well ID	TOC Elevation[1] (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
LMW-15-01	673.98	7.0-12.0	11/16/15	8.42	11.36	12.00	665.56	2.94	662.62	664.97
			11/25/15	8.44	11.35	12.00	665.54	2.91	662.63	664.96
			11/30/15	8.38	11.36	12.00	665.60	2.98	662.62	665.01
			12/08/15	8.35	11.35	12.00	665.63	3.00	662.63	665.03
			11/06/17	Could Not Open						
			02/05/18							
			05/07/18	8.34	10.44	NM	665.64	2.10	663.54	665.22
			08/16/18	8.48	10.82	NM	665.50	2.34	663.16	665.03
			11/19/18	8.30	11.30	NM	665.68	3.00	662.68	665.08
			02/22/19	8.36	10.30	11.66	665.62	1.94	663.68	665.23
			06/14/19	8.21	9.42	11.70	665.77	1.21	664.56	665.53
			09/26/19	8.47	10.90	11.66	665.51	2.43	663.08	665.03
			11/04/19	8.43	10.80	NM	665.55	2.37	663.18	665.08
			02/05/20	8.25	9.63	NM	665.73	1.38	664.35	665.46
LMW-15-02	673.90	7.0-12.0	11/16/15	7.70	10.10	12.00	666.20	2.40	663.80	665.72
			11/25/15	7.68	9.83	12.00	666.22	2.15	664.07	665.79
			11/30/15	7.66	9.84	12.00	666.24	2.18	664.06	665.80
			12/09/15	7.60	9.76	12.00	666.30	2.16	664.14	665.86
			11/06/17	8.39	11.13	NM	665.51	2.74	662.77	664.96
			02/05/18	8.54	11.02	NM	665.36	2.48	662.88	664.86
			05/07/18	8.31	9.91	NM	665.59	1.60	663.99	665.27
			08/16/18	8.34	9.56	NM	665.56	1.22	664.34	665.31
			11/19/18	8.38	11.32	NM	665.52	2.94	662.58	664.93
			02/22/19	8.35	10.34	11.67	665.55	1.99	663.56	665.15
			06/14/19	8.18	9.01	11.70	665.72	0.83	664.89	665.55
			09/26/19	8.32	10.21	11.67	665.58	1.89	663.69	665.20
			11/04/19	8.33	10.50	NM	665.57	2.17	663.40	665.13
			02/05/20	8.22	9.46	NM	665.68	1.24	664.44	665.43
LMW-15-03	670.18	7.0-12.0	11/16/15	6.01	7.46	12.00	664.17	1.45	662.72	663.88
			11/25/15	5.92	7.04	12.00	664.26	1.12	663.14	664.04
			11/30/15	5.81	6.94	12.00	664.37	1.13	663.24	664.14
			12/11/15	5.83	7.26	12.00	664.35	1.43	662.92	664.06
			11/06/17	6.36	7.49	NM	663.82	1.13	662.69	663.59
			02/05/18	6.62	8.41	NM	663.56	1.79	661.77	663.20
			05/07/18	6.03	7.06	NM	664.15	1.03	663.12	663.94
			08/16/18	6.19	6.41	NM	663.99	0.22	663.77	663.95
			11/19/18	NM	NM	NM	NA	NA	NM	NM
			02/22/19	6.38	7.49	11.33	663.80	1.11	662.69	663.58
			06/14/19	5.80	6.85	11.73	664.38	1.05	663.33	664.17
			09/26/19	6.44	7.54	NM	663.74	1.10	662.64	663.52
			11/04/19	6.09	7.30	NM	664.09	1.21	662.88	663.85
			02/05/20	6.16	6.87	NM	664.02	0.71	663.31	663.88
LMW-15-04	673.92	6.0-11.0	11/16/15	7.10	8.79	11.00	666.82	1.69	665.13	666.48
			11/25/15	7.10	8.79	11.00	666.82	1.69	665.13	666.48
			11/30/15	7.06	8.79	11.00	666.86	1.73	665.13	666.52
			12/09/15	7.00	8.86	11.00	666.92	1.86	665.06	666.55
			11/06/17	Could Not Open						
			02/05/18							
			05/07/18	7.68	9.20	NM	666.24	1.52	664.72	665.94
			08/16/18	7.60	9.28	NM	666.32	1.68	664.64	665.99
			11/19/18	7.64	9.20	NM	666.28	1.56	664.72	665.97
			02/22/19	7.69	9.19	10.79	666.23	1.50	664.73	665.93
			06/14/19	7.44	8.97	11.22	666.48	1.53	664.95	666.18
			09/26/19	7.62	9.20	11.20	666.30	1.58	664.72	665.99
			11/04/19	Could Not Open						
			02/05/20	7.51	8.98	NM	666.41	1.47	664.94	666.12

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Table 1
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Ford Livonia Transmission Plant
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ARCADIS Design & Consultancy for natural and built assets

Well ID	TOC Elevation[1] (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
LMW-15-05	673.93	7.0-12.0	11/16/15	8.50	10.20	12.00	665.43	1.70	663.73	665.09
			11/25/15	8.50	9.99	12.00	665.43	1.49	663.94	665.14
			11/30/15	8.47	9.98	12.00	665.46	1.51	663.95	665.16
			12/08/15	8.42	9.92	12.00	665.51	1.50	664.01	665.21
			11/06/17	Could Not Locate						
			02/05/18							
			05/07/18							
			08/16/18	8.98	10.53	NM	664.95	1.55	663.40	664.64
			11/19/18	8.91	10.38	NM	665.02	1.47	663.55	664.73
			02/22/19	8.99	10.49	11.85	664.94	1.50	663.44	664.64
			06/14/19	8.66	10.00	11.83	665.27	1.34	663.93	665.01
			09/26/19	8.96	10.51	NM	664.97	1.55	663.42	664.66
			11/04/19	8.95	10.38	NM	664.98	1.43	663.55	664.70
			02/05/20	Could Not Access, covered by storage racks						
LMW-15-06	673.93	7.0-12.0	11/16/15	6.92	8.82	12.00	667.01	1.90	665.11	666.63
			11/25/15	6.89	8.52	12.00	667.04	1.63	665.41	666.72
			11/30/15	6.74	8.39	12.00	667.19	1.65	665.54	666.86
			12/09/15	6.62	8.40	12.00	667.31	1.78	665.53	666.96
			11/06/17	Could Not Open						
			02/05/18							
			05/07/18	6.57	8.16	NM	667.36	1.59	665.77	667.05
			08/16/18	6.93	8.64	NM	667.00	1.71	665.29	666.66
			11/19/18	6.88	8.40	NM	667.05	1.52	665.53	666.75
			02/22/19	6.79	8.42	11.50	667.14	1.63	665.51	666.82
			06/14/19	6.35	8.10	11.53	667.58	1.75	665.83	667.23
			09/26/19	Could Not Open						
			11/04/19	6.70	8.16	NM	667.23	1.46	665.77	666.94
			02/05/20	6.23	7.64	NM	667.70	1.41	666.29	667.42
LMW-15-07	673.52	7.0-12.0	11/16/15	NP	7.70	12.00	NA	NA	665.82	665.82
			11/25/15	NP	7.32	12.00	NA	NA	666.20	666.20
			11/30/15	7.14	7.15	12.00	666.38	0.01	666.37	666.38
			12/11/15	7.08	7.09	12.00	666.44	0.01	666.43	666.44
			11/06/17	7.43	7.53	NM	666.09	0.10	665.99	666.07
			02/05/18	Could Not Locate						
			05/07/18							
			08/16/18	7.22	7.34	NM	666.30	0.12	666.18	666.28
			11/19/18	Could Not Locate						
			02/22/19							
			06/14/19	6.31	6.40	11.70	667.21	0.09	667.12	667.19
			09/26/19	7.30	7.35	NM	666.22	0.05	666.17	666.21
			11/04/19	6.52	6.64	NM	667.00	0.12	666.88	666.98
			02/05/20	6.02	6.10	NM	667.50	0.08	667.42	667.48
LMW-15-08	673.88	7.5-12.5	11/16/15	NP	6.30	12.50	NA	NA	667.58	667.58
			11/25/15	6.25	6.26	12.50	667.63	0.01	667.62	667.63
			11/30/15	6.12	6.13	12.50	667.76	0.01	667.75	667.76
			12/11/15	6.09	6.10	12.50	667.79	0.01	667.78	667.79
			11/06/17	Could Not Open						
			02/05/18							
			05/07/18	5.72	7.35	NM	668.16	1.63	666.53	667.84
			08/16/18	6.04	7.72	NM	667.84	1.68	666.16	667.51
			11/19/18	5.83	7.59	NM	668.05	1.76	666.29	667.70
			02/22/19	5.92	7.59	12.34	667.96	1.67	666.29	667.63
			06/14/19	Could Not Locate						
			09/26/19	6.10	7.74	NM	667.78	1.64	666.14	667.45
			11/04/19	5.80	7.41	NM	668.08	1.61	666.47	667.76
			02/05/20	5.44	7.03	NM	668.44	1.59	666.85	668.12

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Well ID	TOC Elevation[1] (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
LMW-15-09	673.93	7.0-12.0	11/16/15	7.82	10.62	12.00	666.11	2.80	663.31	665.55
			11/25/15	7.76	10.51	12.00	666.17	2.75	663.42	665.62
			11/30/15	7.72	10.32	12.00	666.21	2.60	663.61	665.69
			12/10/15	7.73	10.38	12.00	666.20	2.65	663.55	665.67
			11/06/17	8.29	NA	11.75	665.64	3.71	NM	NM**
			02/05/18	8.58	10.50	NM	665.35	1.92	663.43	664.96
			05/07/18	7.95	9.39	NM	665.98	1.44	664.54	665.69
			08/16/18	8.12	10.45	NM	665.81	2.33	663.48	665.34
			11/19/18	8.04	10.01	NM	665.89	1.97	663.92	665.49
			02/22/19	8.09	10.40	11.70	665.84	2.31	663.53	665.38
			06/14/19	Could Not Open						
			09/26/19							
			11/04/19							
			02/05/20	7.98	8.46	NM	665.95	0.48	665.47	665.85
LMW-15-10	673.89	7.0-12.0	11/16/15	8.40	9.26	12.00	665.49	0.86	664.63	665.32
			11/25/15	8.32	9.13	12.00	665.57	0.81	664.76	665.41
			11/30/15	8.24	8.96	12.00	665.65	0.72	664.93	665.51
			12/10/15	8.18	8.79	12.00	665.71	0.61	665.10	665.59
			11/06/17	8.69	9.50	NM	665.20	0.81	664.39	665.04
			02/05/18	8.50	8.58	NM	665.39	0.08	665.31	665.38
			05/07/18	8.15	8.28	NM	665.74	0.13	665.61	665.72
			08/16/18	8.47	9.16	NM	665.42	0.69	664.73	665.29
			11/19/18	Could Not Locate						
			02/22/19	8.34	8.65	11.50	665.55	0.31	665.24	665.49
			06/14/19	Could Not Locate						
			09/26/19							
			11/04/19							
			02/05/20							
MW-15-59D	675.17	94.0-99.0	01/07/16	NP	21.83	99.00	NA	NA	653.34	653.34
			01/19/16	NP	21.91	99.00	NA	NA	653.26	653.26
			04/19/17	NP	21.37	99.37	NA	NA	653.80	653.80
			07/24/17	NP	28.71	100.80	NA	NA	646.46	646.46
			11/06/17	NP	24.48	100.65	NA	NA	650.69	650.69
			02/05/18	NP	21.44	100.01	NA	NA	653.73	653.73
			05/07/18	NP	23.48	NM	NA	NA	651.69	651.69
			08/16/18	NP	30.45	NM	NA	NA	644.72	644.72
			11/19/18	NP	22.90	NM	NA	NA	652.27	652.27
			02/22/19	NP	21.29	100.02	NA	NA	653.88	653.88
			06/14/19	NM	NM	NM	NA	NA	NM	NM
			09/26/19	NP	28.84	100.25	NA	NA	646.33	646.33
			11/04/19	NP	24.33	100.40	NA	NA	650.84	650.84
			02/05/20	NP	21.06	NM	NA	NA	654.11	654.11
MW-15-60D	675.75	93.0-98.0	01/07/16	NP	19.47	100.00	NA	NA	656.28	656.28
			01/19/16	NP	19.71	100.00	NA	NA	656.04	656.04
			04/19/17	NP	18.65	99.50	NA	NA	657.10	657.10
			07/24/17	NP	24.09	99.92	NA	NA	651.66	651.66
			11/06/17	NP	20.63	99.92	NA	NA	655.12	655.12
			02/05/18	NP	19.61	99.42	NA	NA	656.14	656.14
			05/07/18	NP	19.31	NM	NA	NA	656.44	656.44
			08/16/18	NP	23.85	NM	NA	NA	651.90	651.90
			11/19/18	NP	19.97	NM	NA	NA	655.78	655.78
			02/22/19	NP	19.41	99.46	NA	NA	656.34	656.34
			06/14/19	NP	19.53	99.11	NA	NA	656.22	656.22
			09/26/19	NP	23.12	99.90	NA	NA	652.63	652.63
			11/04/19	NP	20.49	99.89	NA	NA	655.26	655.26
			02/05/20	NP	19.20	NM	NA	NA	656.55	656.55

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Well ID	TOC Elevation[1] (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-15-61D	670.03	88.0-93.0	01/07/16	NP	76.49	93.00	NA	NA	593.54	593.54
			01/08/16	NP	88.02	93.00	NA	NA	582.01	582.01
			01/19/16	NP	73.23	93.00	NA	NA	596.80	596.80
			01/20/16	NP	89.31	93.00	NA	NA	580.72	580.72
			01/26/16	NP	84.09	93.00	NA	NA	585.94	585.94
			01/27/16	NP	82.42	93.00	NA	NA	587.61	587.61
			01/28/16	NP	80.71	93.00	NA	NA	589.32	589.32
			04/19/17	NP	24.71	93.87	NA	NA	645.32	645.32
			07/24/17	NP	24.74	94.09	NA	NA	645.29	645.29
			11/06/17	NP	26.58	94.72	NA	NA	643.45	643.45
			02/06/18	NP	25.79	94.71	NA	NA	644.24	644.24
			05/07/18	NP	25.63	94.24	NA	NA	644.40	644.40
			08/16/18	NP	56.16	NM	NA	NA	613.87	613.87
			11/19/18	NP	36.37	NM	NA	NA	633.66	633.66
			03/02/19	NP	21.90	92.85	NA	NA	648.13	648.13
			06/14/19	Could Not Access, high traffic roadway						
			09/28/19	NP	24.70	94.59	NA	NA	645.33	645.33
			11/04/19	Could Not Access, high traffic roadway						
			02/05/20							
MW-1	670.77	14.0-19.0	04/17/17	NP	3.82	18.61	NA	NA	666.95	666.95
			07/24/17	NP	3.57	18.44	NA	NA	667.20	667.20
			11/06/17	NP	3.93	18.78	NA	NA	666.84	666.84
			02/05/18	NP	NM[2]	NM[2]	NA[2]	NA[2]	NM[2]	NM[2]
			05/07/18	NP	3.88	18.60	NA	NA	666.89	666.89
			08/16/18	NP	3.73	NM	NA	NA	667.04	667.04
			11/19/18	NP	3.30	NM	NA	NA	667.47	667.47
			03/01/19	NP	4.77	18.53	NA	NA	666.00	666.00
			06/14/19	NP	3.17	18.64	NA	NA	667.60	667.60
			09/26/19	NP	3.65	18.65	NA	NA	667.12	667.12
			11/04/19	NP	NM[2]	NM[2]	NA[2]	NA[2]	NM[2]	NM[2]
			02/05/20	NP	3.38	NM	NA	NA	667.39	667.39
MW-2	673.80	15.5-20.5	05/12/16	NP	6.35	19.52	NA	NA	667.45	667.45
			04/17/17	NP	6.91	19.45	NA	NA	666.89	666.89
			07/24/17	NP	6.99	19.44	NA	NA	666.81	666.81
			11/06/17	NP	7.24	19.50	NA	NA	666.56	666.56
			02/05/18	NP	7.42	19.55	NA	NA	666.38	666.38
			05/07/18	NP	6.92	19.47	NA	NA	666.88	666.88
			08/16/18	NP	7.03	NM	NA	NA	666.77	666.77
			11/19/18	NP	6.56	NM	NA	NA	667.24	667.24
			03/01/19	NP	6.90	19.42	NA	NA	666.90	666.90
			06/14/19	NP	6.69	19.50	NA	NA	667.11	667.11
			09/26/19	NP	6.98	19.43	NA	NA	666.82	666.82
			11/04/19	NP	6.88	19.48	NA	NA	666.92	666.92
			02/05/20	NP	6.78	NM	NA	NA	667.02	667.02
MW-3	673.61	14.0-19.0	05/12/16	NP	5.82	18.79	NA	NA	667.79	667.79
			04/17/17	NP	7.09	18.72	NA	NA	666.52	666.52
			07/24/17	NP	7.29	18.43	NA	NA	666.32	666.32
			11/06/17	NP	7.61	18.80	NA	NA	666.00	666.00
			02/05/18	NP	7.70	18.87	NA	NA	665.91	665.91
			05/07/18	NP	7.23	18.74	NA	NA	666.38	666.38
			08/16/18	NP	7.48	NM	NA	NA	666.13	666.13
			11/19/18	NP	7.34	NM	NA	NA	666.27	666.27
			02/22/19	7.25	7.27	18.78	666.36	0.02	666.34	666.36
			06/14/19	NP	7.10	18.64	NA	NA	666.51	666.51
			09/26/19	NP	7.36	18.65	NA	NA	666.25	666.25
			11/04/19	NP	7.25	18.63	NA	NA	666.36	666.36
			02/05/20	NP	7.04	NM	NA	NA	666.57	666.57

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Well ID	TOC Elevation[1] (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-4	673.85	15.5-20.5	05/13/16	NP	7.15	20.20	NA	NA	666.70	666.70
			04/17/17	NP	7.57	20.09	NA	NA	666.28	666.28
			07/24/17	NP	7.61	19.93	NA	NA	666.24	666.24
			11/06/17	NP	7.94	20.05	NA	NA	665.91	665.91
			02/05/18	NP	8.50	20.16	NA	NA	665.35	665.35
			05/07/18	NP	7.60	20.12	NA	NA	666.25	666.25
			08/16/18	NP	7.73	NM	NA	NA	666.12	666.12
			11/19/18	NP	7.59	NM	NA	NA	666.26	666.26
			02/22/19	7.64	7.67	19.93	666.21	0.03	666.18	666.20
			06/14/19	NP	7.39	20.15	NA	NA	666.46	666.46
			09/26/19	NP	7.63	20.12	NA	NA	666.22	666.22
			11/04/19	NP	7.69	20.13	NA	NA	666.16	666.16
			02/05/20	7.48	7.51	NM	666.37	0.03	666.34	666.36
MW-5*	674.40	15.5-20.5	05/13/16	NP	6.49	21.73	NA	NA	667.91	667.91
			07/24/17	NP	NM	NM	NA	NA	NM	NM
			11/06/17	NP	7.51	19.71	NA	NA	666.89	666.89
			02/05/18	NP	7.70	19.54	NA	NA	666.70	666.70
			05/07/18	NP	7.26	19.63	NA	NA	667.14	667.14
			08/16/18	NP	7.36	NM	NA	NA	667.04	667.04
			11/19/18	NP	7.20	NM	NA	NA	667.20	667.20
			02/22/19	7.22	7.23	19.63	667.18	0.01	667.17	667.18
			06/14/19	NP	7.00	19.68	NA	NA	667.40	667.40
			09/27/19	NP	7.28	19.66	NA	NA	667.12	667.12
			11/04/19	Access to clean room not granted.						
			02/05/20							
MW-7	670.89	18.0-23.0	07/24/17	NP	4.79	22.39	NA	NA	666.10	666.10
			11/06/17	NP	5.24	22.56	NA	NA	665.65	665.65
			02/06/18	NP	4.48	22.50	NA	NA	666.41	666.41
			05/07/18	NP	4.54	22.35	NA	NA	666.35	666.35
			08/16/18	NP	4.81	NM	NA	NA	666.08	666.08
			11/19/18	NP	4.59	NM	NA	NA	666.30	666.30
			02/22/19	NP	4.65	22.55	NA	NA	666.24	666.24
			06/14/19	NP	4.25	22.40	NA	NA	666.64	666.64
			09/26/19	NP	4.88	22.39	NA	NA	666.01	666.01
			11/04/19	NA	4.82	22.35	NA	NA	666.07	666.07
			02/05/20	NP	4.32	NM	NA	NA	666.57	666.57
MW-9	671.18	19.5-24.5	05/09/16	NP	5.82	24.34	NA	NA	665.36	665.36
			04/17/17	NP	6.79	24.34	NA	NA	664.39	664.39
			07/24/17	NP	5.88	24.29	NA	NA	665.30	665.30
			11/06/17	NP	6.38	24.53	NA	NA	664.80	664.80
			02/05/18	NP	6.40	24.35	NA	NA	664.78	664.78
			05/07/18	NP	5.65	24.20	NA	NA	665.53	665.53
			08/16/18	NP	5.94	NM	NA	NA	665.24	665.24
			11/19/18	NP	5.66	NM	NA	NA	665.52	665.52
			02/22/19	NP	5.74	24.35	NA	NA	665.44	665.44
			06/14/19	NP	5.42	24.25	NA	NA	665.76	665.76
			09/26/19	NP	5.98	24.24	NA	NA	665.2	665.20
			11/04/19	NP	5.96	24.26	NA	NA	665.22	665.22
			02/05/20	NP	5.50	NM	NA	NA	665.68	665.68

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Table 1
On-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

ARCADIS Design & Consultancy for natural and built assets

Well ID	TOC Elevation[1] (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-10	673.78	16.5-21.5	05/13/16	NP	8.16	20.81	NA	NA	665.62	665.62
			04/17/17	NP	8.15	20.81	NA	NA	665.63	665.63
			07/24/17	NP	8.58	20.76	NA	NA	665.20	665.20
			11/06/17	NP	6.00	20.84	NA	NA	667.78	667.78
			02/05/18	NP	9.01	15.89	NA	NA	664.77	664.77
			05/07/18	NP	8.68	20.24	NA	NA	665.10	665.10
			08/16/18	NP	8.68	NM	NA	NA	665.10	665.10
			11/19/18	NP	8.49	NM	NA	NA	665.29	665.29
			02/22/19	NP	8.56	10.77	NA	NA	665.22	665.22
			06/14/19	NP	8.30	20.78	NA	NA	665.48	665.48
			09/26/19	NP	8.63	20.75	NA	NA	665.15	665.15
			11/04/19	NP	8.63	20.75	NA	NA	665.15	665.15
			02/05/20	NP	8.38	NM	NA	NA	665.40	665.40
MW-14	671.24	15.0-20.0	07/24/17	NP	6.63	19.53	NA	NA	664.61	664.61
			11/06/17	NP	7.01	19.61	NA	NA	664.23	664.23
			02/05/18	NP	7.29	19.80	NA	NA	663.95	663.95
			05/07/18	NP	6.14	19.65	NA	NA	665.10	665.10
			08/16/18	NP	6.52	NM	NA	NA	664.72	664.72
			11/19/18	NP	6.19	NM	NA	NA	665.05	665.05
			02/26/19	NP	6.21	19.49	NA	NA	665.03	665.03
			06/14/19	NP	6.91	19.41	NA	NA	664.33	664.33
			09/26/19	NP	6.56	19.29	NA	NA	664.68	664.68
			11/04/19	NP	5.46	19.26	NA	NA	665.78	665.78
			02/05/20	NP	6.00	NM	NA	NA	665.24	665.24
MW-18	670.41	13.0-18.0	05/09/16	NP	6.29	17.89	NA	NA	664.12	664.12
			04/17/17	NP	6.67	17.90	NA	NA	663.74	663.74
			07/24/17	NP	6.92	17.70	NA	NA	663.49	663.49
			11/06/17	NP	7.31	17.80	NA	NA	663.10	663.10
			02/06/18	NP	7.45	17.85	NA	NA	662.96	662.96
			05/04/18	NP	6.53	18.01	NA	NA	663.88	663.88
			08/16/18	NP	6.82	NM	NA	NA	663.59	663.59
			11/19/18	NP	6.45	17.92	NA	NA	663.96	663.96
			02/22/19	NP	6.76	18.01	NA	NA	663.65	663.65
			06/14/19	NP	6.14	17.82	NA	NA	664.27	664.27
			09/26/19	NP	6.83	17.84	NA	NA	663.58	663.58
			11/04/19	NP	6.69	17.83	NA	NA	663.72	663.72
			02/05/20	NP	6.33	NM	NA	NA	664.08	664.08
MW-19	669.65	15.0-20.0	05/13/16	NM	NM	NM	NM	NM	NM	NM
			04/17/17	NM	NM	NM	NM	NM	NM	NM
			07/24/17	NM	NM	NM	NM	NM	NM	NM
			11/06/17	NP	5.91	19.85	NA	NA	663.74	663.74
			02/05/18	NP	6.23	19.84	NA	NA	663.42	663.42
			05/07/18	NP	5.51	19.98	NA	NA	664.14	664.14
			08/16/18	NP	5.67	NM	NA	NA	663.98	663.98
			11/19/18	NP	NM	NM	NA	NA	NM	NM
			02/22/19	NP	6.47	19.49	NA	NA	663.18	663.18
			06/14/19	NP	5.31	19.97	NA	NA	664.34	664.34
			09/26/19	NP	5.94	19.99	NA	NA	663.71	663.71
			11/04/19	NP	5.72	19.82	NA	NA	663.93	663.93
			02/05/20	NM	NM	NM	NA	NA	NA	NA
MW-20	669.33	13.5-18.5	07/24/17	NP	6.29	16.98	NA	NA	663.04	663.04
			11/06/17	NP	6.52	16.84	NA	NA	662.81	662.81
			02/05/18	NP	6.68	16.62	NA	NA	662.65	662.65
			05/11/18	NP	5.95	16.48	NA	NA	663.38	663.38
			08/16/18	NP	5.70	NM	NA	NA	663.63	663.63
			11/19/18	NP	5.49	16.00	NA	NA	663.84	663.84
			02/22/19	NP	5.97	15.81	NA	NA	663.36	663.36
			06/14/19	NP	4.95	15.42	NA	NA	664.38	664.38
			09/26/19	NP	4.67	15.24	NA	NA	664.66	664.66
			11/04/19	NP	5.65	14.98	NA	NA	663.68	663.68
			02/05/20	NP	5.46	NM	NA	NA	663.87	663.87

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Table 1
On-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

ARCADIS Design & Consultancy for natural and built assets

Well ID	TOC Elevation[1] (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-21[S]	670.76	13.5-18.5	05/13/16	Could Not Open						
			04/17/17							
			07/24/17							
			11/06/17							
			02/06/18	NP	7.95	17.74	NA	NA	662.81	662.81
			05/07/18	NP	7.15	17.60	NA	NA	663.61	663.61
			08/16/18	NP	6.65	NM	NA	NA	664.11	664.11
			11/19/18	NP	6.85	17.71	NA	NA	663.91	663.91
			02/22/19	NP	7.40	17.60	NA	NA	663.36	663.36
			06/14/19	NP	6.57	18.60	NA	NA	664.19	664.19
			09/26/19	NP	6.94	17.64	NA	NA	663.82	663.82
	669.72		11/04/19	NP	6.81	17.65	NA	NA	662.91	662.91
			02/05/20	NP	7.20	NM	NA	NA	662.52	662.52
MW-22[S]	670.18	16.5-21.5	05/10/16	NP	6.18	20.83	NA	NA	664.00	664.00
			04/17/17	NP	7.13	21.41	NA	NA	663.05	663.05
			07/24/17	NP	7.53	20.42	NA	NA	662.65	662.65
			11/06/17	NP	7.51	20.51	NA	NA	662.67	662.67
			02/05/18	NP	7.61	20.48	NA	NA	662.57	662.57
			05/07/18	NP	6.66	20.50	NA	NA	663.52	663.52
			08/16/18	NP	6.71	NM	NA	NA	663.47	663.47
			11/19/18	NP	7.14	NM	NA	NA	663.04	663.04
			02/22/19	NP	7.54	20.45	NA	NA	662.64	662.64
			06/14/19	NP	6.53	20.48	NA	NA	663.65	663.65
			09/26/19	NP	7.48	20.47	NA	NA	662.70	662.70
	670.20		11/04/19	NP	7.43	20.46	NA	NA	662.77	662.77
			02/05/20	NP	7.43	NM	NA	NA	662.77	662.77
MW-23	669.24	15.0-20.0	05/09/16	NP	6.23	19.82	NA	NA	663.01	663.01
			04/17/17	NP	6.67	19.79	NA	NA	662.57	662.57
			07/24/17	NP	6.69	19.72	NA	NA	662.55	662.55
			11/06/17	NP	6.60	19.72	NA	NA	662.64	662.64
			02/06/18	NP	6.93	NM	NA	NA	662.31	662.31
			05/07/18	NP	5.67	19.70	NA	NA	663.57	663.57
			08/16/18	NP	5.80	NM	NA	NA	663.44	663.44
			11/19/18	NP	5.75	NM	NA	NA	663.49	663.49
			02/22/19	Could Not Access, covered by ice/snow						
			06/14/19	NP	5.33	19.46	NA	NA	663.91	663.91
			09/26/19	NP	6.34	19.48	NA	NA	662.90	662.90
			11/04/19	NP	6.22	19.69	NA	NA	663.02	663.02
			02/05/20	NP	5.93	NM	NA	NA	663.31	663.31
MW-24	675.48	19.0-24.0	04/17/17	NP	9.32	23.85	NA	NA	666.16	666.16
			07/24/17	NP	10.01	23.90	NA	NA	665.47	665.47
			11/06/17	NP	10.40	23.76	NA	NA	665.08	665.08
			02/05/18	NP	10.37	23.99	NA	NA	665.11	665.11
			05/07/18	NP	9.38	23.70	NA	NA	666.10	666.10
			08/16/18	NP	10.01	NM	NA	NA	665.47	665.47
			11/19/18	NP	9.56	NM	NA	NA	665.92	665.92
			02/22/19	NP	9.55	23.95	NA	NA	665.93	665.93
			06/14/19	NP	9.21	23.73	NA	NA	666.27	666.27
			09/26/19	NP	10.09	23.87	NA	NA	665.39	665.39
			11/04/19	NP	9.95	23.71	NA	NA	665.53	665.53
			02/05/20	NP	9.21	NM	NA	NA	666.27	666.27

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36200 Plymouth Road
Livonia, Michigan

ARCADIS Design & Consultancy for natural and built assets

Well ID	TOC Elevation[1] (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-25	675.04	16.0-21.0	04/17/17	NP	5.35	20.54	NA	NA	669.69	669.69
			07/24/17	NP	6.34	20.52	NA	NA	668.70	668.70
			11/06/17	NP	6.51	20.38	NA	NA	668.53	668.53
			02/05/18	NP	6.55	20.52	NA	NA	668.49	668.49
			05/07/18	NP	4.98	20.25	NA	NA	670.06	670.06
			08/16/18	NP	6.19	NM	NA	NA	668.85	668.85
			11/19/18	NP	5.77	NM	NA	NA	669.27	669.27
			02/22/19	NP	5.51	20.48	NA	NA	669.53	669.53
			06/14/19	NP	4.89	20.52	NA	NA	670.15	670.15
			09/26/19	NP	6.05	20.50	NA	NA	668.99	668.99
			11/04/19	NP	5.15	20.50	NA	NA	669.89	669.89
			02/05/20	NP	5.22	NM	NA	NA	669.82	669.82
MW-26	673.39	4.5-14.5	07/24/17	NP	5.96	14.09	NA	NA	667.43	667.43
			11/06/17	NP	6.09	14.10	NA	NA	667.30	667.30
			02/05/18	NP	6.08	14.05	NA	NA	667.31	667.31
			05/07/18	NP	5.24	13.90	NA	NA	668.15	668.15
			08/16/18	NP	5.98	NM	NA	NA	667.41	667.41
			11/19/18	NP	5.52	NM	NA	NA	667.87	667.87
			02/28/19	NP	4.55	14.50	NA	NA	668.84	668.84
			06/14/19	NP	5.01	14.05	NA	NA	668.38	668.38
			09/26/19	NP	6.11	14.04	NA	NA	667.28	667.28
			11/04/19	NP	5.30	14.05	NA	NA	668.09	668.09
			02/05/20	NP	4.85	NM	NA	NA	668.54	668.54
MW-27*	Well Inaccessible									
MW-28	668.15	2.0-12.0	05/09/16	NP	3.21	11.81	NA	NA	664.94	664.94
			04/17/17	NP	3.78	11.69	NA	NA	664.37	664.37
			07/24/17	NP	4.61	11.73	NA	NA	663.54	663.54
			11/06/17	NP	4.81	11.68	NA	NA	663.34	663.34
			02/05/18	NP	4.63	11.65	NA	NA	663.52	663.52
			05/07/18	NP	3.67	11.67	NA	NA	664.48	664.48
			08/16/18	NP	4.64	NM	NA	NA	663.51	663.51
			11/19/18	NP	4.11	NM	NA	NA	664.04	664.04
			02/22/19	NP	3.98	11.64	NA	NA	664.17	664.17
			06/14/19	NP	3.50	11.65	NA	NA	664.65	664.65
			09/26/19	NP	4.67	11.65	NA	NA	663.48	663.48
			11/04/19	NP	4.01	11.68	NA	NA	664.14	664.14
			02/05/20	NP	3.27	NM	NA	NA	664.88	664.88
MW-29	669.45	5.0-15.0	05/13/16	NP	4.10	14.85	NA	NA	665.35	665.35
			04/17/17	NP	4.53	14.84	NA	NA	664.92	664.92
			07/24/17	NP	5.41	14.90	NA	NA	664.04	664.04
			11/06/17	NP	6.65	15.81	NA	NA	662.80	662.80
			02/05/18	NP	5.52	14.84	NA	NA	663.93	663.93
			05/07/18	NP	4.64	14.80	NA	NA	664.81	664.81
			08/16/18	NP	5.44	NM	NA	NA	664.01	664.01
			11/19/18	NP	5.10	NM	NA	NA	664.35	664.35
			02/22/19	NP	5.09	14.87	NA	NA	664.36	664.36
			06/14/19	NM	NM	NM	NA	NA	NM	NM
			09/26/19	NP	5.50	14.90	NA	NA	663.95	663.95
			11/04/19	NP	5.22	19.75[3]	NA	NA	664.23	664.23
			02/05/20	NP	4.65	NM	NA	NA	664.80	664.80

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Table 1
On-Site Groundwater Elevations
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36200 Plymouth Road
Livonia, Michigan

ARCADIS Design & Consultancy for natural and built assets

Well ID	TOC Elevation[1] (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-30	670.70	19.0-24.0	05/09/16	NP	9.37	24.82	NA	NA	661.33	661.33
			04/17/17	NP	9.86	24.78	NA	NA	660.84	660.84
			07/24/17	NP	9.93	24.73	NA	NA	660.77	660.77
			11/06/17	NP	10.47	24.84	NA	NA	660.23	660.23
			02/05/18	NP	10.31	24.69	NA	NA	660.39	660.39
			05/07/18	NP	9.03	24.70	NA	NA	661.67	661.67
			08/16/18	NP	9.51	NM	NA	NA	661.19	661.19
			11/19/18	NP	9.23	NM	NA	NA	661.47	661.47
			02/22/19	NP	9.45	24.91	NA	NA	661.25	661.25
			06/14/19	NP	8.50	24.74	NA	NA	662.20	662.20
			09/26/19	NP	9.81	24.65	NA	NA	660.89	660.89
			11/04/19	NP	10.01	24.71	NA	NA	660.69	660.69
			02/05/20	NP	9.47	NM	NA	NA	661.23	661.23
MW-31	670.82	17.0-22.0	05/09/16	NP	9.96	21.75	NA	NA	660.86	660.86
			04/17/17	NP	10.13	21.78	NA	NA	660.69	660.69
			07/24/17	NP	10.19	21.69	NA	NA	660.63	660.63
			11/06/17	NP	10.65	21.92	NA	NA	660.17	660.17
			02/05/18	NP	10.70	21.48	NA	NA	660.12	660.12
			05/07/18	NP	9.23	21.67	NA	NA	661.59	661.59
			08/16/18	NP	9.58	NM	NA	NA	661.24	661.24
			11/19/18	NP	9.31	NM	NA	NA	661.51	661.51
			02/22/19	NP	9.69	21.66	NA	NA	661.13	661.13
			06/14/19	NP	8.58	21.68	NA	NA	662.24	662.24
			09/26/19	NP	9.84	21.68	NA	NA	660.98	660.98
			11/04/19	NP	9.91	21.70	NA	NA	660.91	660.91
			02/05/20	NP	9.50	NM	NA	NA	661.32	661.32
MW-32	670.43	18.0-23.0	05/09/16	NP	9.64	22.92	NA	NA	660.79	660.79
			04/17/17	NP	9.52	22.91	NA	NA	660.91	660.91
			07/24/17	NP	9.71	22.71	NA	NA	660.72	660.72
			11/06/17	NP	10.18	23.03	NA	NA	660.25	660.25
			02/05/18	NP	10.17	22.78	NA	NA	660.26	660.26
			05/07/18	NP	8.73	22.83	NA	NA	661.70	661.70
			08/16/18	NP	9.07	NM	NA	NA	661.36	661.36
			11/19/18	NP	8.72	NM	NA	NA	661.71	661.71
			02/22/19	NP	9.19	19.93	NA	NA	661.24	661.24
			06/14/19	NP	8.00	22.73	NA	NA	662.43	662.43
			09/26/19	NP	9.26	22.84	NA	NA	661.17	661.17
			11/04/19	NP	9.32	22.84	NA	NA	661.11	661.11
			02/05/20	NP	8.79	NM	NA	NA	661.64	661.64
MW-33	669.94	14.0-19.0	05/09/16	NP	8.68	18.76	NA	NA	661.26	661.26
			04/17/17	NP	8.76	18.75	NA	NA	661.18	661.18
			07/24/17	NP	8.84	19.72	NA	NA	661.10	661.10
			11/06/17	NP	8.58	19.08	NA	NA	661.36	661.36
			02/05/18	NP	8.63	18.74	NA	NA	661.31	661.31
			05/07/18	NP	7.34	18.66	NA	NA	662.60	662.60
			08/16/18	NP	7.59	NM	NA	NA	662.35	662.35
			11/19/18	NP	7.33	NM	NA	NA	662.61	662.61
			02/22/19	NP	7.95	18.83	NA	NA	661.99	661.99
			06/14/19	NP	6.90	18.69	NA	NA	663.04	663.04
			09/26/19	NP	8.00	18.41	NA	NA	661.94	661.94
			11/04/19	NP	7.93	18.71	NA	NA	662.01	662.01
			02/05/20	NP	7.62	NM	NA	NA	662.32	662.32

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Table 1
On-Site Groundwater Elevations
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Well ID	TOC Elevation[1] (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-34	670.49	16.5-21.5	05/09/16	NP	7.98	21.21	NA	NA	662.51	662.51
			04/17/17	NP	8.83	21.30	NA	NA	661.66	661.66
			07/24/17	NP	9.45	21.23	NA	NA	661.04	661.04
			11/06/17	NP	10.02	21.65	NA	NA	660.47	660.47
			02/05/18	NP	9.73	21.35	NA	NA	660.76	660.76
			05/07/18	NP	8.34	21.26	NA	NA	662.15	662.15
			08/16/18	NP	9.18	NM	NA	NA	661.31	661.31
			11/19/18	NP	8.79	NM	NA	NA	661.70	661.70
			02/22/19	NP	9.18	20.20	NA	NA	661.31	661.31
			06/14/19	NP	7.95	21.26	NA	NA	662.54	662.54
			09/26/19	NP	9.39	21.28	NA	NA	661.10	661.10
			11/04/19	NP	9.32	20.27[3]	NA	NA	661.17	661.17
			02/05/20	NP	9.05	NM	NA	NA	661.44	661.44
MW-35	669.44	19.5-24.5	05/09/16	NP	6.62	24.48	NA	NA	662.82	662.82
			04/17/17	NP	7.16	24.63	NA	NA	662.28	662.28
			07/24/17	NP	8.55	24.44	NA	NA	660.89	660.89
			11/06/17	NP	9.11	24.45	NA	NA	660.33	660.33
			02/05/18	NP	8.63	24.50	NA	NA	660.81	660.81
			05/07/18	NP	7.03	24.40	NA	NA	662.41	662.41
			08/16/18	NP	8.30	NM	NA	NA	661.14	661.14
			11/19/18	NP	7.76	NM	NA	NA	661.68	661.68
			02/22/19	NP	7.64	24.55	NA	NA	661.80	661.80
			06/14/19	NP	6.85	24.35	NA	NA	662.59	662.59
			09/26/19	NP	8.60	23.34	NA	NA	660.84	660.84
			11/04/19	NP	8.45	24.29	NA	NA	660.99	660.99
			02/05/20	NP	7.46	NM	NA	NA	661.98	661.98
MW-36	676.39	20.0-25.0	07/24/17	NP	9.49	24.75	NA	NA	666.90	666.90
			11/06/17	NP	10.98	24.88	NA	NA	665.41	665.41
			02/05/18	NP	10.15	24.91	NA	NA	666.24	666.24
			05/07/18	NP	9.28	24.72	NA	NA	667.11	667.11
			08/16/18	NP	9.55	NM	NA	NA	666.84	666.84
			11/19/18	NP	9.34	NM	NA	NA	667.05	667.05
			02/22/19	NP	9.42	24.89	NA	NA	666.97	666.97
			06/14/19	NP	8.90	24.80	NA	NA	667.49	667.49
			09/26/19	NP	9.65	24.82	NA	NA	666.74	666.74
			11/04/19	NP	9.63	24.83	NA	NA	666.76	666.76
			02/05/20	NP	9.05	NM	NA	NA	667.34	667.34
MW-37	671.24	18.0-23.0	07/24/17	NP	8.14	24.75	NA	NA	663.10	663.10
			11/06/17	NP	8.26	23.18	NA	NA	662.98	662.98
			02/05/18	NP	8.33	22.80	NA	NA	662.91	662.91
			05/07/18	NP	7.01	22.76	NA	NA	664.23	664.23
			08/16/18	NP	7.49	NM	NA	NA	663.75	663.75
			11/19/18	NP	7.13	NM	NA	NA	664.11	664.11
			02/22/19	NP	7.54	22.92	NA	NA	663.70	663.70
			06/14/19	NP	6.67	22.67	NA	NA	664.57	664.57
			09/26/19	NP	7.79	22.68	NA	NA	663.45	663.45
			11/04/19	NP	7.62	22.69	NA	NA	663.62	663.62
			02/05/20	NP	7.14	NM	NA	NA	664.10	664.10
MW-38	671.79	15.0-20.0	04/17/17	NP	8.23	19.55	NA	NA	663.56	663.56
			07/24/17	NP	8.69	23.69	NA	NA	663.10	663.10
			11/06/17	NP	8.53	19.75	NA	NA	663.26	663.26
			02/05/18	NP	8.67	19.65	NA	NA	663.12	663.12
			05/07/18	NP	7.28	19.50	NA	NA	664.51	664.51
			08/16/18	NP	7.61	NM	NA	NA	664.18	664.18
			11/19/18	NP	7.40	NM	NA	NA	664.39	664.39
			02/22/19	NP	8.00	19.59	NA	NA	663.79	663.79
			06/14/19	NP	6.90	19.50	NA	NA	664.89	664.89
			09/26/19	NP	8.05	19.53	NA	NA	663.74	663.74
			11/04/19	NP	7.92	19.51	NA	NA	663.87	663.87
			02/05/20	NP	7.61	NM	NA	NA	664.18	664.18

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Table 1
On-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

ARCADIS Design & Consultancy for natural and built assets

Well ID	TOC Elevation[1] (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-39	672.19	19.5-24.5	04/19/17	NP	11.08	24.14	NA	NA	661.11	661.11
			07/24/17	NP	11.41	23.92	NA	NA	660.78	660.78
			11/06/17	NP	11.64	24.36	NA	NA	660.55	660.55
			02/05/18	NP	11.63	24.30	NA	NA	660.56	660.56
			05/07/18	NP	10.25	24.16	NA	NA	661.94	661.94
			08/16/18	NP	10.55	NM	NA	NA	661.64	661.64
			11/19/18	NP	10.24	NM	NA	NA	661.95	661.95
			02/22/19	NP	10.74	24.10	NA	NA	661.45	661.45
			06/14/19	NP	9.60	24.19	NA	NA	662.59	662.59
			09/26/19	NP	10.81	24.16	NA	NA	661.38	661.38
			11/04/19	NP	10.86	24.18	NA	NA	661.33	661.33
			02/05/20	NP	10.35	NM	NA	NA	661.84	661.84
MW-40	670.65	15.0-20.0	05/09/16	NP	9.94	19.72	NA	NA	660.71	660.71
			04/19/17	NP	9.98	19.72	NA	NA	660.67	660.67
			07/24/17	NP	10.10	19.66	NA	NA	660.55	660.55
			11/06/17	NP	10.58	19.75	NA	NA	660.07	660.07
			02/05/18	NP	10.62	19.43	NA	NA	660.03	660.03
			05/07/18	NP	9.15	19.64	NA	NA	661.50	661.50
			08/16/18	NP	9.46	NM	NA	NA	661.19	661.19
			11/19/18	NP	9.13	NM	NA	NA	661.52	661.52
			02/22/19	NP	9.54	19.62	NA	NA	661.11	661.11
			06/14/19	NP	8.40	19.65	NA	NA	662.25	662.25
			09/26/19	NP	9.66	19.64	NA	NA	660.99	660.99
			11/04/19	NP	9.64	19.52	NA	NA	661.01	661.01
			02/05/20	NP	9.23	NM	NA	NA	661.42	661.42
MW-41	670.34	16.0-21.0	05/09/16	NP	8.20	20.97	NA	NA	662.14	662.14
			04/19/17	NP	8.97	20.99	NA	NA	661.37	661.37
			07/24/17	NP	9.39	20.78	NA	NA	660.95	660.95
			11/06/17	NP	9.96	21.25	NA	NA	660.38	660.38
			02/05/18	NP	9.75	20.85	NA	NA	660.59	660.59
			05/07/18	NP	8.35	20.94	NA	NA	661.99	661.99
			08/16/18	NP	9.06	NM	NA	NA	661.28	661.28
			11/19/18	NP	8.73	NM	NA	NA	661.61	661.61
			02/22/19	NP	8.81	20.93	NA	NA	661.53	661.53
			06/14/19	NP	7.80	20.95	NA	NA	662.54	662.54
			09/26/19	NP	9.29	20.78	NA	NA	661.05	661.05
			11/04/19	NP	9.28	20.95	NA	NA	661.06	661.06
			02/05/20	NP	8.77	NM	NA	NA	661.57	661.57
MW-42	670.10	16.0-21.0	05/09/16	NP	7.29	11.52	NA	NA	662.81	662.81
			04/19/17	NP	8.01	20.48	NA	NA	662.09	662.09
			07/24/17	NP	9.13	20.43	NA	NA	660.97	660.97
			11/06/17	NP	9.76	20.77	NA	NA	660.34	660.34
			02/05/18	NP	9.32	20.55	NA	NA	660.78	660.78
			05/07/18	NP	7.81	20.43	NA	NA	662.29	662.29
			08/16/18	NP	8.94	NM	NA	NA	661.16	661.16
			11/19/18	NP	8.46	NM	NA	NA	661.64	661.64
			02/22/19	NP	8.42	19.42	NA	NA	661.68	661.68
			06/14/19	NP	7.56	20.44	NA	NA	662.54	662.54
			09/26/19	NP	9.10	20.46	NA	NA	661.00	661.00
			11/04/19	NP	9.13	20.46	NA	NA	660.97	660.97
			02/05/20	NP	8.26	NM	NA	NA	661.84	661.84

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Table 1
On-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

ARCADIS Design & Consultancy for natural and built assets

Well ID	TOC Elevation[1] (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-43	669.24	17.0-22.0	05/09/16	NP	6.34	21.85	NA	NA	662.90	662.90
			04/19/17	NP	6.80	26.82	NA	NA	662.44	662.44
			07/24/17	NP	8.34	21.79	NA	NA	660.90	660.90
			11/06/17	NP	8.92	21.98	NA	NA	660.32	660.32
			02/05/18	NP	8.42	21.80	NA	NA	660.82	660.82
			05/07/18	NP	6.78	21.76	NA	NA	662.46	662.46
			08/16/18	NP	8.17	NM	NA	NA	661.07	661.07
			11/19/18	NP	7.54	NM	NA	NA	661.70	661.70
			02/22/19	NP	7.34	21.95	NA	NA	661.90	661.90
			06/14/19	NP	6.55	21.54	NA	NA	662.69	662.69
			09/26/19	NP	8.45	21.56	NA	NA	660.79	660.79
			11/04/19	NP	8.14	21.53	NA	NA	661.10	661.10
			02/05/20	NP	7.18	NM	NA	NA	662.06	662.06
MW-44	671.48	16.0-21.0	05/09/16	NP	6.59	17.42	NA	NA	664.89	664.89
			04/19/17	NP	7.48	19.95	NA	NA	664.00	664.00
			07/24/17	NP	8.38	20.93	NA	NA	663.10	663.10
			11/06/17	NP	8.55	20.74	NA	NA	662.93	662.93
			02/05/18	NP	8.51	20.90	NA	NA	662.97	662.97
			05/07/18	NP	7.40	20.75	NA	NA	664.08	664.08
			08/16/18	NP	8.01	NM	NA	NA	663.47	663.47
			11/19/18	NP	7.90	NM	NA	NA	663.58	663.58
			02/22/19	NP	8.20	20.72	NA	NA	663.28	663.28
			06/14/19	NP	7.38	20.73	NA	NA	664.10	664.10
			09/26/19	NP	8.44	20.75	NA	NA	663.04	663.04
			11/04/19	NP	8.16	20.72	NA	NA	663.32	663.32
			02/05/20	NP	8.01	NM	NA	NA	663.47	663.47
MW-45	670.83	15.0-20.0	05/09/16	NP	14.22	19.81	NA	NA	656.61	656.61
			04/19/17	NP	11.45	19.67	NA	NA	659.38	659.38
			07/24/17	NP	11.07	19.76	NA	NA	659.76	659.76
			11/06/17	NP	9.82	19.75	NA	NA	661.01	661.01
			02/05/18	NP	10.30	19.72	NA	NA	660.53	660.53
			05/07/18	NP	9.43	19.99	NA	NA	661.40	661.40
			08/16/18	NP	9.02	NM	NA	NA	661.81	661.81
			11/19/18	NP	9.91	19.69	NA	NA	660.92	660.92
			02/22/19	NP	10.67	19.71	NA	NA	660.16	660.16
			06/14/19	NP	9.60	19.79	NA	NA	661.23	661.23
			09/26/19	NP	10.18	20.68	NA	NA	660.65	660.65
			11/04/19	NP	10.52	19.69	NA	NA	660.31	660.31
			02/05/20	NP	11.21	NM	NA	NA	659.62	659.62
MW-46	670.84	16.0-21.0	05/09/16	NP	8.42	20.45	NA	NA	662.42	662.42
			04/19/17	NP	10.61	20.30	NA	NA	660.23	660.23
			07/24/17	NP	10.33	19.78	NA	NA	660.51	660.51
			11/06/17	NP	9.76	19.81	NA	NA	661.08	661.08
			02/05/18	NP	10.20	19.81	NA	NA	660.64	660.64
			05/07/18	NP	9.84	19.94	NA	NA	661.00	661.00
			08/16/18	NP	9.47	NM	NA	NA	661.37	661.37
			11/19/18	NP	10.18	19.63	NA	NA	660.66	660.66
			02/22/19	NP	10.79	19.64	NA	NA	660.05	660.05
			06/14/19	NP	9.48	19.87	NA	NA	661.36	661.36
			09/26/19	NP	10.35	19.73	NA	NA	660.49	660.49
			11/04/19	NP	10.26	19.70	NA	NA	660.58	660.58
			02/05/20	NP	10.82	NM	NA	NA	660.02	660.02

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Table 1
On-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Well ID	TOC Elevation[1] (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-47	671.33	16.0-21.0	05/09/16	NP	7.53	11.92	NA	NA	663.80	663.80
			04/19/17	NP	9.88	20.76	NA	NA	661.45	661.45
			07/24/17	NP	10.11	19.96	NA	NA	661.22	661.22
			11/06/17	NP	9.87	19.98	NA	NA	661.46	661.46
			02/05/18	NP	10.11	19.98	NA	NA	661.22	661.22
			05/07/18	NP	9.49	19.94	NA	NA	661.84	661.84
			08/16/18	NP	9.65	NM	NA	NA	661.68	661.68
			11/19/18	NP	10.02	19.93	NA	NA	661.31	661.31
			02/22/19	NP	10.50	19.92	NA	NA	660.83	660.83
			06/14/19	NM	NM	NM	NA	NA	NM	NM
			09/26/19	NP	10.23	19.96	NA	NA	661.10	661.10
			11/04/19	NP	10.07	19.92	NA	NA	661.26	661.26
			02/05/20	NP	10.32	NM	NA	NA	661.01	661.01
MW-48	670.98	17.0-22.0	05/09/16	NP	6.33	21.76	NA	NA	664.65	664.65
			04/19/17	NP	8.93	21.62	NA	NA	662.05	662.05
			07/24/17	NP	9.70	20.42	NA	NA	661.28	661.28
			11/06/17	NP	9.33	20.34	NA	NA	661.65	661.65
			02/05/18	NP	10.08	20.35	NA	NA	660.90	660.90
			05/07/18	NP	8.84	20.60	NA	NA	662.14	662.14
			08/16/18	NP	9.34	NM	NA	NA	661.64	661.64
			11/19/18	NP	8.97	NM	NA	NA	662.01	662.01
			03/04/19	NP	9.80	20.40	NA	NA	661.18	661.18
			06/14/19	NP	8.64	20.26	NA	NA	662.34	662.34
			09/26/19	NP	9.17	20.26	NA	NA	661.81	661.81
			11/04/19	NP	8.78	20.25	NA	NA	662.20	662.20
			02/05/20	NP	9.26	NM	NA	NA	661.72	661.72
MW-49	669.07	12.5-17.5	05/12/16	NP	6.57	17.31	NA	NA	662.50	662.50
			04/19/17	NP	7.03	17.31	NA	NA	662.04	662.04
			07/24/17	NP	6.94	17.37	NA	NA	662.13	662.13
			11/06/17	NM	NM	NM	NA	NA	NM	NM
			02/05/18	NP	7.32	17.44	NA	NA	661.75	661.75
			05/07/18	NP	6.88	17.28	NA	NA	662.19	662.19
			08/16/18	NP	6.39	NM	NA	NA	662.68	662.68
			11/19/18	NP	6.11	17.14	NA	NA	662.96	662.96
			02/22/19	NP	6.75	17.27	NA	NA	662.32	662.32
			06/14/19	NP	6.14	16.86	NA	NA	662.93	662.93
			09/27/19	NP	6.36	17.21	NA	NA	662.71	662.71
			11/04/19	NP	6.28	17.17	NA	NA	662.79	662.79
			02/05/20	NP	6.40	NM	NA	NA	662.67	662.67
MW-50	670.16	16.0-21.0	05/09/16	NP	5.42	20.34	NA	NA	664.74	664.74
			04/19/17	NP	6.77	20.23	NA	NA	663.39	663.39
			07/24/17	NP	8.16	18.42	NA	NA	662.00	662.00
			11/06/17	NP	8.15	18.81	NA	NA	662.01	662.01
			02/05/18	NP	8.47	18.44	NA	NA	661.69	661.69
			05/07/18	NP	6.81	19.00	NA	NA	663.35	663.35
			08/16/18	NP	7.55	NM	NA	NA	662.61	662.61
			11/19/18	NP	7.44	NM	NA	NA	662.72	662.72
			02/22/19	NP	7.61	18.81	NA	NA	662.55	662.55
			06/14/19	NP	6.82	14.91	NA	NA	663.34	663.34
			09/26/19	NP	8.03	14.72	NA	NA	662.13	662.13
			11/04/19	NP	7.40	18.78	NA	NA	662.76	662.76
			02/05/20	NP	7.22	NM	NA	NA	662.94	662.94

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Table 1
On-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

ARCADIS Design & Consultancy for natural and built assets

Well ID	TOC Elevation[1] (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-51	671.07	15.0-20.0	04/19/17	NP	6.12	19.04	NA	NA	664.95	664.95
			07/24/17	NP	7.82	18.92	NA	NA	663.25	663.25
			11/06/17	NP	7.58	18.91	NA	NA	663.49	663.49
			02/05/18	NP	7.89	18.95	NA	NA	663.18	663.18
			05/07/18	NP	6.24	18.85	NA	NA	664.83	664.83
			08/16/18	NP	7.33	NM	NA	NA	663.74	663.74
			11/19/18	NP	7.05	NM	NA	NA	664.02	664.02
			03/01/19	NP	7.03	14.56	NA	NA	664.04	664.04
			06/14/19	NP	6.08	18.89	NA	NA	664.99	664.99
			09/26/19	NP	7.81	18.91	NA	NA	663.26	663.26
			11/04/19	NP	7.12	18.88	NA	NA	663.95	663.95
			02/05/20	NP	8.79	NM	NA	NA	662.28	662.28
MW-52	669.16	15.0-20.0	05/09/16	NP	6.39	19.81	NA	NA	662.77	662.77
			04/19/17	NP	6.59	19.76	NA	NA	662.57	662.57
			07/24/17	NP	8.33	19.75	NA	NA	660.83	660.83
			11/06/17	NP	8.87	19.83	NA	NA	660.29	660.29
			02/05/18	NP	8.43	19.57	NA	NA	660.73	660.73
			05/07/18	NP	6.57	19.76	NA	NA	662.59	662.59
			08/16/18	NP	8.30	NM	NA	NA	660.86	660.86
			11/19/18	NP	7.52	NM	NA	NA	661.64	661.64
			02/22/19	NP	7.36	19.73	NA	NA	661.80	661.80
			06/14/19	NP	6.43	19.75	NA	NA	662.73	662.73
			09/26/19	NP	8.58	19.76	NA	NA	660.58	660.58
			11/04/19	NP	8.14	19.44	NA	NA	661.02	661.02
			02/05/20	NP	7.08	NM	NA	NA	662.08	662.08
MW-53	668.59	16.0-21.0	05/09/16	NP	6.05	20.85	NA	NA	662.54	662.54
			04/18/17	NP	6.03	20.83	NA	NA	662.56	662.56
			07/24/17	NP	7.92	20.63	NA	NA	660.67	660.67
			11/06/17	NP	8.35	21.08	NA	NA	660.24	660.24
			02/05/18	NP	7.98	20.68	NA	NA	660.61	660.61
			05/07/18	NP	6.08	20.81	NA	NA	662.51	662.51
			08/16/18	NP	7.87	NM	NA	NA	660.72	660.72
			11/19/18	NP	7.10	NM	NA	NA	661.49	661.49
			02/22/19	NP	6.73	20.62	NA	NA	661.86	661.86
			06/14/19	NP	5.98	20.62	NA	NA	662.61	662.61
			09/26/19	NP	8.15	20.64	NA	NA	660.44	660.44
			11/04/19	NP	8.23	20.62	NA	NA	660.36	660.36
			02/05/20	NP	6.55	NM	NA	NA	662.04	662.04
MW-54	668.49	16.0-21.0	04/19/17	NP	6.01	20.86	NA	NA	662.48	662.48
			07/24/17	NP	8.08	20.52	NA	NA	660.41	660.41
			11/06/17	NP	8.17	20.71	NA	NA	660.32	660.32
			02/05/18	NP	7.96	20.56	NA	NA	660.53	660.53
			05/07/18	NP	6.09	20.82	NA	NA	662.40	662.40
			08/16/18	NP	8.01	NM	NA	NA	660.48	660.48
			11/19/18	NP	7.06	NM	NA	NA	661.43	661.43
			02/22/19	Could Not Access, covered by ice/snow						
			06/14/19	NP	5.90	20.82	NA	NA	662.59	662.59
			09/26/19	NP	8.54	20.51	NA	NA	659.95	659.95
			11/04/19	NP	7.82	20.85	NA	NA	660.67	660.67
			02/05/20	NP	6.53	NM	NA	NA	661.96	661.96
MW-54S	668.24	4.5-9.5	06/14/19	NP	2.96	9.25	NA	NA	665.28	665.28
			09/26/19	NP	7.56	9.10	NA	NA	660.68	660.68
			11/04/19	NP	4.83	9.28	NA	NA	663.41	663.41
			02/05/20	NP	5.60	NM	NA	NA	662.64	662.64

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Table 1
On-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Well ID	TOC Elevation[1] (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-55	670.04	15.0-20.0	04/19/17	NP	6.84	19.82	NA	NA	663.20	663.20
			07/24/17	NP	8.95	19.56	NA	NA	661.09	661.09
			11/06/17	NP	8.98	20.03	NA	NA	661.06	661.06
			02/05/18	NP	8.78	19.64	NA	NA	661.26	661.26
			05/07/18	NP	6.91	19.74	NA	NA	663.13	663.13
			08/16/18	NP	8.66	NM	NA	NA	661.38	661.38
			11/19/18	NP	7.86	NM	NA	NA	662.18	662.18
			02/22/19	NP	7.63	19.55	NA	NA	662.41	662.41
			06/14/19	NP	6.95	19.72	NA	NA	663.09	663.09
			09/26/19	NP	9.20	19.56	NA	NA	660.84	660.84
			11/04/19	NP	8.14	19.73	NA	NA	661.90	661.90
			02/05/20	NP	7.20	NM	NA	NA	662.84	662.84
MW-55D	670.17	19.0-24.0	06/14/19	NP	7.04	23.82	NA	NA	663.13	663.13
			09/26/19	NP	9.46	25.65	NA	NA	660.71	660.71
			11/04/19	NP	8.12	23.45	NA	NA	662.05	662.05
			02/05/20	NP	7.59	NM	NA	NA	662.58	662.58
MW-56	670.26	16.0-21.0	04/19/17	NP	6.67	20.69	NA	NA	663.59	663.59
			07/24/17	NP	8.18	20.58	NA	NA	662.08	662.08
			11/06/17	NP	8.37	20.76	NA	NA	661.89	661.89
			02/05/18	NP	8.08	20.59	NA	NA	662.18	662.18
			05/07/18	NP	6.62	26.44	NA	NA	663.64	663.64
			08/16/18	NP	7.95	NM	NA	NA	662.31	662.31
			11/19/18	NP	7.40	NM	NA	NA	662.86	662.86
			02/22/19	NP	7.19	20.39	NA	NA	663.07	663.07
			06/14/19	NP	6.68	20.41	NA	NA	663.58	663.58
			09/26/19	NP	8.32	20.40	NA	NA	661.94	661.94
			11/04/19	NP	7.34	20.35	NA	NA	662.92	662.92
			02/05/20	NP	6.59	NM	NA	NA	663.67	663.67
MW-57	668.93	17.0-22.0	04/19/17	NP	5.89	21.72	NA	NA	663.04	663.04
			07/24/17	NP	7.83	21.63	NA	NA	661.10	661.10
			11/06/17	NP	8.12	21.83	NA	NA	660.81	660.81
			02/06/18	NP	7.86	21.80	NA	NA	661.07	661.07
			05/07/18	NP	5.79	21.73	NA	NA	663.14	663.14
			08/16/18	NP	7.59	NM	NA	NA	661.34	661.34
			11/19/18	NP	6.78	NM	NA	NA	662.15	662.15
			02/22/19	NP	6.73	21.66	NA	NA	662.20	662.20
			06/14/19	NP	5.75	21.66	NA	NA	663.18	663.18
			09/26/19	NP	8.03	21.68	NA	NA	660.90	660.90
			11/04/19	NP	7.13	21.71	NA	NA	661.80	661.80
			02/05/20	NP	6.23	NM	NA	NA	662.70	662.70
MW-58	668.73	15.0-20.0	05/09/16	NP	3.51	19.74	NA	NA	665.22	665.22
			04/19/17	NP	4.28	19.72	NA	NA	664.45	664.45
			07/24/17	NP	5.68	18.70	NA	NA	663.05	663.05
			11/06/17	NP	5.78	19.69	NA	NA	662.95	662.95
			02/05/18	NP	5.63	19.40	NA	NA	663.10	663.10
			05/07/18	NP	4.01	19.68	NA	NA	664.72	664.72
			08/16/18	NP	5.43	NM	NA	NA	663.30	663.30
			11/19/18	NP	5.03	NM	NA	NA	663.70	663.70
			03/01/19	NP	4.65	19.66	NA	NA	664.08	664.08
			06/14/19	NP	4.12	19.66	NA	NA	664.61	664.61
			09/26/19	NP	5.75	19.64	NA	NA	662.98	662.98
			11/04/19	NP	5.07	19.64	NA	NA	663.66	663.66
			02/05/20	NP	4.16	NM	NA	NA	664.57	664.57

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Table 1
On-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

ARCADIS Design & Consultancy for natural and built assets

Well ID	TOC Elevation[1] (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-62	671.06	16.3-21.3	04/20/17	NP	7.89	21.13	NA	NA	663.17	663.17
			07/24/17	NP	10.11	21.01	NA	NA	660.95	660.95
			11/06/17	NP	9.43	21.14	NA	NA	661.63	661.63
			02/05/18	NP	9.46	21.15	NA	NA	661.60	661.60
			05/07/18	NP	7.72	21.15	NA	NA	663.34	663.34
			08/16/18	NP	8.75	NM	NA	NA	662.31	662.31
			11/19/18	NP	8.46	NM	NA	NA	662.60	662.60
			02/22/19	NP	8.52	21.13	NA	NA	662.54	662.54
			06/14/19	NP	7.87	21.15	NA	NA	663.19	663.19
			09/26/19	NP	9.14	21.12	NA	NA	661.92	661.92
			11/04/19	NP	8.60	21.12	NA	NA	662.46	662.46
			02/05/20	NP	8.23	NM	NA	NA	662.83	662.83
MW-63	669.96	7.0-12.0	04/20/17	NP	7.32	11.75	NA	NA	662.64	662.64
			07/24/17	NP	8.45	11.78	NA	NA	661.51	661.51
			11/06/17	NP	8.18	11.80	NA	NA	661.78	661.78
			02/05/18	NP	8.77	11.80	NA	NA	661.19	661.19
			05/07/18	NP	7.24	11.80	NA	NA	662.72	662.72
			08/16/18	NP	7.82	NM	NA	NA	662.14	662.14
			11/19/18	NP	7.89	NM	NA	NA	662.07	662.07
			02/22/19	NP	8.36	11.79	NA	NA	661.60	661.60
			06/19/19	NP	7.55	11.78	NA	NA	662.41	662.41
			09/26/19	NP	8.22	11.78	NA	NA	661.74	661.74
			11/04/19	NP	7.68	11.77	NA	NA	662.28	662.28
			02/05/20	NP	7.86	NM	NA	NA	662.10	662.10
MW-64	671.09	15.0-20.0	04/20/17	NP	8.55	21.10	NA	NA	662.54	662.54
			07/24/17	NP	9.83	20.05	NA	NA	661.26	661.26
			11/06/17	NP	10.20	20.36	NA	NA	660.89	660.89
			02/06/18	NP	10.14	20.19	NA	NA	660.95	660.95
			05/07/18	NP	8.44	20.05	NA	NA	662.65	662.65
			08/16/18	NP	9.42	NM	NA	NA	661.67	661.67
			11/19/18	NP	9.12	NM	NA	NA	661.97	661.97
			02/28/19	NP	9.05	20.20	NA	NA	662.04	662.04
			06/14/19	NP	8.30	20.00	NA	NA	662.79	662.79
			09/26/19	NP	9.71	20.01	NA	NA	661.38	661.38
			11/04/19	NP	9.45	20.01	NA	NA	661.64	661.64
			02/05/20	NP	8.99	NM	NA	NA	662.10	662.10
MW-65	671.98	16.0-21.0	04/20/17	NP	8.26	21.18	NA	NA	663.72	663.72
			07/24/17	NP	9.87	21.11	NA	NA	662.11	662.11
			11/06/17	NP	9.68	21.11	NA	NA	662.30	662.30
			02/05/18	NP	10.05	21.16	NA	NA	661.93	661.93
			05/07/18	NP	8.37	21.04	NA	NA	663.61	663.61
			08/16/18	NP	9.13	NM	NA	NA	662.85	662.85
			11/19/18	NP	9.06	NM	NA	NA	662.92	662.92
			02/28/19	NP	9.49	19.59	NA	NA	662.49	662.49
			06/14/19	NP	8.35	21.10	NA	NA	663.63	663.63
			09/26/19	NP	9.57	21.10	NA	NA	662.41	662.41
			11/04/19	NP	9.07	21.08	NA	NA	662.91	662.91
			02/05/20	NP	8.92	NM	NA	NA	663.06	663.06
MW-66	669.83	15.0-20.0	04/20/17	NP	6.55	19.49	NA	NA	663.28	663.28
			07/24/17	NP	7.81	19.35	NA	NA	662.02	662.02
			11/06/17	NP	7.51	19.23	NA	NA	662.32	662.32
			02/05/18	NP	8.03	19.06	NA	NA	661.80	661.80
			05/07/18	NP	6.79	19.02	NA	NA	663.04	663.04
			08/16/18	NP	7.33	NM	NA	NA	662.50	662.50
			11/19/18	NP	7.25	NM	NA	NA	662.58	662.58
			03/04/19	NP	7.65	19.11	NA	NA	662.18	662.18
			06/14/19	NP	6.45	19.00	NA	NA	663.38	663.38
			09/26/19	NP	7.49	19.02	NA	NA	662.34	662.34
			11/04/19	NP	7.03	18.99	NA	NA	662.80	662.80
			02/05/20	NP	7.15	NM	NA	NA	662.68	662.68

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Table 1
On-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

ARCADIS Design & Consultancy for natural and built assets

Well ID	TOC Elevation[1] (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-67	671.32	9.0-14.0	04/20/17	NP	9.44	13.97	NA	NA	661.88	661.88
			07/24/17	NP	9.84	13.84	NA	NA	661.48	661.48
			11/06/17	NP	9.76	14.01	NA	NA	661.56	661.56
			02/05/18	NP	10.00	14.02	NA	NA	661.32	661.32
			05/07/18	NP	9.14	14.01	NA	NA	662.18	662.18
			08/16/18	NP	9.48	NM	NA	NA	661.84	661.84
			11/19/18	NP	9.30	NM	NA	NA	662.02	662.02
			02/28/19	NP	9.89	14.12	NA	NA	661.43	661.43
			06/14/19	NP	9.02	14.03	NA	NA	662.30	662.30
			09/26/19	NP	9.59	14.00	NA	NA	661.73	661.73
			11/04/19	NP	9.38	14.00	NA	NA	661.94	661.94
			02/05/20	NP	9.70	NM	NA	NA	661.62	661.62
MW-68	670.71	15.0-20.0	04/20/17	NP	9.39	21.85	NA	NA	661.32	661.32
			07/24/17	NP	9.55	19.86	NA	NA	661.16	661.16
			11/06/17	NP	9.51	19.85	NA	NA	661.20	661.20
			02/05/18	NP	9.68	19.85	NA	NA	661.03	661.03
			05/15/18	NP	8.68	19.82	NA	NA	662.03	662.03
			08/16/18	NP	9.04	NM	NA	NA	661.67	661.67
			11/19/18	NP	9.17	19.79	NA	NA	661.54	661.54
			03/08/19	NP	9.69	15.29	NA	NA	661.02	661.02
			06/14/19	NP	8.75	19.85	NA	NA	661.96	661.96
			09/26/19	NP	9.47	19.79	NA	NA	661.24	661.24
			11/04/19	NP	9.35	19.81	NA	NA	661.36	661.36
			02/05/20	NP	9.58	NM	NA	NA	661.13	661.13
MW-69	670.27	15.0-20.0	04/20/17	NP	9.71	19.91	NA	NA	660.56	660.56
			07/24/17	NP	NM	NM	NA	NA	NM	NM
			11/06/17	NP	9.91	19.98	NA	NA	660.36	660.36
			02/05/18	NP	9.78	20.01	NA	NA	660.49	660.49
			05/07/18	NP	14.78	19.91	NA	NA	655.49	655.49
			08/16/18	NP	8.90	NM	NA	NA	661.37	661.37
			11/19/18	NP	8.79	NM	NA	NA	661.48	661.48
			02/22/19	NP	9.30	19.98	NA	NA	660.97	660.97
			06/14/19	NM	NM	NM	NA	NA	NM	NM
			09/26/19	NP	9.35	19.92	NA	NA	660.92	660.92
			11/04/19	NP	9.46	19.91	NA	NA	660.81	660.81
			02/05/20	NP	9.29	NM	NA	NA	660.98	660.98
MW-70	671.36	15.0-20.0	04/20/17	NP	11.46	20.14	NA	NA	659.90	659.90
			07/24/17	NP	11.02	20.18	NA	NA	660.34	660.34
			11/06/17	NP	10.23	20.15	NA	NA	661.13	661.13
			02/05/18	NP	10.74	20.12	NA	NA	660.62	660.62
			05/07/18	NP	9.72	20.13	NA	NA	661.64	661.64
			08/16/18	NP	9.67	NM	NA	NA	661.69	661.69
			11/19/18	NP	10.40	20.09	NA	NA	660.96	660.96
			02/22/19	NP	11.13	15.30	NA	NA	660.23	660.23
			06/14/19	NP	9.82	20.09	NA	NA	661.54	661.54
			09/26/19	NP	10.77	20.11	NA	NA	660.59	660.59
			11/04/19	NP	10.91	20.10	NA	NA	660.45	660.45
			02/05/20	NP	11.50	NM	NA	NA	659.86	659.86
MW-71	671.04	15.0-20.0	04/20/17	NP	12.45	20.16	NA	NA	658.59	658.59
			07/24/17	NP	11.84	20.22	NA	NA	659.20	659.20
			11/06/17	NP	10.74	20.21	NA	NA	660.30	660.30
			02/05/18	NP	11.13	20.18	NA	NA	659.91	659.91
			05/07/18	NP	10.23	20.35	NA	NA	660.81	660.81
			08/16/18	NP	9.79	NM	NA	NA	661.25	661.25
			11/19/18	NP	11.03	20.14	NA	NA	660.01	660.01
			02/22/19	NP	11.66	20.24	NA	NA	659.38	659.38
			06/14/19	NP	10.91	20.15	NA	NA	660.13	660.13
			09/26/19	NP	11.12	20.17	NA	NA	659.92	659.92
			11/04/19	NP	11.84	20.15	NA	NA	659.20	659.20
			02/05/20	NP	12.59	NM	NA	NA	658.45	658.45

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Table 1
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Ford Livonia Transmission Plant
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Livonia, Michigan

ARCADIS Design & Consultancy for natural and built assets

Well ID	TOC Elevation[1] (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-113	672.44	5.0-10.0	09/26/19	NP	5.20	9.56	NA	NA	667.24	667.24
			11/04/19	NP	4.31	9.56	NA	NA	668.13	668.13
			02/05/20	NP	3.83	NM	NA	NA	668.61	668.61
MW-114	670.80	5.0-10.0	09/26/19	NP	5.50	9.42	NA	NA	665.30	665.30
			11/04/19	NP	5.39	9.44	NA	NA	665.41	665.41
			02/05/20	NP	5.16	NM	NA	NA	665.64	665.64
MW-120	670.35	7.0-12.0	09/26/19	NP	6.78	11.74	NA	NA	663.57	663.57
			11/04/19	NP	5.05	11.75	NA	NA	665.30	665.30
			02/05/20	NP	5.32	NM	NA	NA	665.03	665.03
MW-122	670.47	16.0-20.0	09/26/19	NP	10.01	20.70	NA	NA	660.46	660.46
			11/04/19	NP	8.98	20.19	NA	NA	661.49	661.49
			02/05/20	NP	7.97	NM	NA	NA	662.50	662.50
MW-124	670.24	5.0-10.0	09/30/19	NP	2.01	9.60	NA	NA	668.23	668.23
			11/04/19	NP	1.17	9.58	NA	NA	669.07	669.07
			02/05/20	Could Not Access, covered by storage racks						
MW-194S[S]	672.47	12.0-17.0	11/20/19	NP	2.39	16.15	NA	NA	670.08	670.08
			02/05/20	NP	2.22	NM	NA	NA	670.25	670.25
MW-194S[S]	672.67	2.0-7.0	11/20/19	NP	2.58	6.53	NA	NA	670.09	670.09
			02/05/20	NP	2.35	NM	NA	NA	670.32	670.32
MW-195S[S]	671.99	2.0-7.0	11/20/19	NP	1.98	6.20	NA	NA	670.01	670.01
			02/05/20	NP	1.77	NM	NA	NA	670.22	670.22
MW-196[S]	672.75	12.0-17.0	11/20/19	NP	2.24	17.14	NA	NA	670.51	670.51
			02/05/20	NP	1.87	NM	NA	NA	670.88	670.88
MW-196S[S]	673.01	2.0-7.0	11/20/19	NP	2.50	6.55	NA	NA	670.51	670.51
			02/05/20	NP	2.15	NM	NA	NA	670.86	670.86
MW-197S[S]	675.93	3.0-8.0	11/25/19	NP	5.02	7.40	NA	NA	670.91	670.91
			02/05/20	NP	4.57	NM	NA	NA	671.36	671.36
MW-198[S]	675.37	12.0-17.0	11/25/19	NP	4.28	16.52	NA	NA	671.09	671.09
			02/05/20	NP	3.57	NM	NA	NA	671.80	671.80
MW-198S[S]	675.41	2.5-7.5	11/20/19	NP	4.35	7.10	NA	NA	671.06	671.06
			02/05/20	NP	3.61	NM	NA	NA	671.80	671.80
MW-199S[S]	672.10	2.0-7.0	11/25/19	NP	1.97	5.82	NA	NA	670.13	670.13
			02/05/20	NP	1.68	NM	NA	NA	670.42	670.42
MW-200[S]	672.42	15.0-20.0	11/21/19	NP	6.41	18.80	NA	NA	666.01	666.01
			02/05/20	NP	5.85	NM	NA	NA	666.57	666.57
MW-200S[S]	672.54	5.0-10.0	11/21/19	NP	6.35	9.58	NA	NA	666.19	666.19
			02/05/20	NP	5.89	NM	NA	NA	666.65	666.65
MW-201[S]	672.22	17.0-22.0	11/19/19	NP	5.02	21.47	NA	NA	667.20	667.20
			02/05/20	NP	4.70	NM	NA	NA	667.52	667.52
MW-201S[S]	672.30	3.5-8.5	11/19/19	NP	5.16	8.13	NA	NA	667.14	667.14
			02/05/20	NP	4.90	NM	NA	NA	667.40	667.40
MW-208S	671.39	9.0-14.0	02/05/20	NP	10.07	14.00[4]	NA	NA	661.32	661.32
MW-209S	670.88	8.0-13.0	02/05/20	NP	9.43	13.00[4]	NA	NA	661.45	661.45
MW-210S	671.08	8.0-13.0	02/05/20	NP	9.35	13.00[4]	NA	NA	661.73	661.73
MW-211S	669.85	7.0-12.0	02/05/20	NP	7.91	12.00[4]	NA	NA	661.94	661.94
MW-212S	669.45	6.5-11.5	02/05/20	NP	7.39	11.50[4]	NA	NA	662.06	662.06
MW-213S	669.10	6.0-11.0	02/05/20	NP	7.02	11.00[4]	NA	NA	662.08	662.08
MW-218S	671.68	9.0-14.0	02/05/20	NP	9.97	14.00[4]	NA	NA	661.71	661.71
MW-219S	669.63	7.0-12.0	02/05/20	NP	7.14	12.00[4]	NA	NA	662.49	662.49
MW-220S	672.38	6.0-11.0	02/05/20	NP	7.62	11.00[4]	NA	NA	664.76	664.76
MW-221S	672.85	6.5-11.5	02/05/20	NP	6.01	11.50[4]	NA	NA	666.84	666.84
MW-222S	671.77	5.5-10.5	02/05/20	NP	8.38	10.50[4]	NA	NA	663.39	663.39
MW-224S	676.96	7.0-12.0	02/05/20	NP	8.35	12.00[4]	NA	NA	668.61	668.61

See Notes on Last Page.

Table 1
On-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

ARCADIS Design & Consultancy for natural and built assets

Well ID	TOC Elevation[1] (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
PW-16-01	670.23	9.7-19.7	07/24/17	NP	9.04	21.58	NA	NA	661.19	661.19
			11/06/17	NP	8.45	21.58	NA	NA	661.78	661.78
			02/05/18	NP	8.70	21.62	NA	NA	661.53	661.53
			05/07/18	NP	7.24	21.44	NA	NA	662.99	662.99
			08/16/18	NP	7.56	NM	NA	NA	662.67	662.67
			11/19/18	NP	8.00	NM	NA	NA	662.23	662.23
			02/22/19	NP	8.71	21.60	NA	NA	661.52	661.52
			06/14/19	NP	7.40	21.45	NA	NA	662.83	662.83
			09/26/19	NP	8.46	21.47	NA	NA	661.77	661.77
			11/04/19	NP	8.61	21.57	NA	NA	661.62	661.62
			02/05/20	NP	8.65	NM	NA	NA	661.58	661.58
PW-16-02	669.97	6.0-21.0	07/24/17	NP	6.77	8.36	NA	NA	663.20	663.20
			11/06/17	NP	6.54	23.79	NA	NA	663.43	663.43
			02/05/18	NP	6.65	24.55	NA	NA	663.32	663.32
			05/07/18	NP	4.85	23.65	NA	NA	665.12	665.12
			08/16/18	NP	6.40	NM	NA	NA	663.57	663.57
			11/19/18	NP	5.72	NM	NA	NA	664.25	664.25
			02/25/19	NP	5.29	23.69	NA	NA	664.68	664.68
			06/14/19	NP	4.78	23.78	NA	NA	665.19	665.19
			09/26/19	NP	6.75	23.70	NA	NA	663.22	663.22
			11/04/19	NP	6.05	23.72	NA	NA	663.92	663.92
			02/05/20	NP	5.20	NM	NA	NA	664.77	664.77
TW-16-01	669.53	12.0-17.0	07/24/17	NP	8.36	16.80	NA	NA	661.17	661.17
			11/06/17	NP	7.68	16.64	NA	NA	661.85	661.85
			02/05/18	NP	7.91	16.87	NA	NA	661.62	661.62
			05/07/18	NP	6.87	16.64	NA	NA	662.66	662.66
			08/16/18	NP	6.78	NM	NA	NA	662.75	662.75
			11/19/18	NP	7.14	NM	NA	NA	662.39	662.39
			02/22/19	NP	7.91	16.62	NA	NA	661.62	661.62
			06/14/19	NP	6.59	16.62	NA	NA	662.94	662.94
			09/26/19	NP	7.71	16.80	NA	NA	661.82	661.82
			11/04/19	NP	7.58	16.80	NA	NA	661.95	661.95
			02/05/20	NP	7.93	NM	NA	NA	661.60	661.60
TW-16-02	669.43	12.0-17.0	04/20/17	NP	4.48	18.85	NA	NA	664.95	664.95
			07/24/17	NP	8.00	17.14	NA	NA	661.43	661.43
			11/06/17	NP	7.48	17.17	NA	NA	661.95	661.95
			02/05/18	NP	7.71	17.15	NA	NA	661.72	661.72
			05/07/18	NP	6.85	16.91	NA	NA	662.58	662.58
			08/16/18	NP	6.62	NM	NA	NA	662.81	662.81
			11/19/18	NP	6.94	NM	NA	NA	662.49	662.49
			02/22/19	NP	7.67	17.13	NA	NA	661.76	661.76
			06/14/19	NP	6.36	16.89	NA	NA	663.07	663.07
			09/26/19	NP	7.50	17.15	NA	NA	661.93	661.93
			11/04/19	NP	7.43	17.12	NA	NA	662.00	662.00
			02/05/20	NP	7.65	NM	NA	NA	661.78	661.78

See Notes on Last Page.

Table 1
On-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Well ID	TOC Elevation[1] (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
TW-16-03	669.34	9.0-19.0	07/24/17	NP	6.10	18.65	NA	NA	663.24	663.24
			11/06/17	NP	6.00	18.65	NA	NA	663.34	663.34
			02/05/18	NP	6.05	18.75	NA	NA	663.29	663.29
			05/07/18	NP	4.29	18.72	NA	NA	665.05	665.05
			08/16/18	NP	5.79	NM	NA	NA	663.55	663.55
			11/19/18	NP	5.13	NM	NA	NA	664.21	664.21
			02/25/19	NP	4.74	18.89	NA	NA	664.60	664.60
			06/14/19	NP	4.22	18.74	NA	NA	665.12	665.12
			09/26/19	NP	6.16	18.65	NA	NA	663.18	663.18
			11/04/19	NP	5.44	18.33	NA	NA	663.90	663.90
			02/05/20	NP	4.58	NM	NA	NA	664.76	664.76
TW-16-04	669.80	9.0-19.0	04/20/17	NP	4.90	19.02	NA	NA	664.90	664.90
			07/24/17	NP	6.46	18.93	NA	NA	663.34	663.34
			11/06/17	NP	6.36	18.93	NA	NA	663.44	663.44
			02/05/18	NP	6.43	18.73	NA	NA	663.37	663.37
			05/07/18	NP	4.65	18.90	NA	NA	665.15	665.15
			08/16/18	NP	6.17	NM	NA	NA	663.63	663.63
			11/19/18	NP	5.59	NM	NA	NA	664.21	664.21
			02/25/19	NP	5.10	18.92	NA	NA	664.70	664.70
			06/14/19	NP	4.61	18.71	NA	NA	665.19	665.19
			09/26/19	NP	6.53	18.93	NA	NA	663.27	663.27
			11/04/19	NP	5.89	18.91	NA	NA	663.91	663.91
			02/05/20	NP	4.98	NM	NA	NA	664.82	664.82
PZ-01	670.88	15.0-20.0	02/22/19	NP	8.64	19.42	NA	NA	662.24	662.24
			06/14/19	NP	7.84	19.42	NA	NA	663.04	663.04
			09/26/19	NP	9.57	19.43	NA	NA	661.31	661.31
			11/04/19	NP	9.07	19.43	NA	NA	661.81	661.81
			02/05/20	NP	8.44	NM	NA	NA	662.44	662.44
PZ-02	670.67	15.0-20.0	02/22/19	NP	8.90	19.70	NA	NA	661.77	661.77
			06/14/19	NP	8.06	19.70	NA	NA	662.61	662.61
			09/26/19	NP	9.20	19.72	NA	NA	661.47	661.47
			11/04/19	NP	9.15	19.70	NA	NA	661.52	661.52
			02/05/20	NP	9.09	NM	NA	NA	661.58	661.58
PZ-03	670.62	15.0-20.0	02/22/19	NP	9.23	19.68	NA	NA	661.39	661.39
			06/14/19	NP	8.31	19.68	NA	NA	662.31	662.31
			09/26/19	NP	9.48	19.67	NA	NA	661.14	661.14
			11/04/19	NP	9.49	19.68	NA	NA	661.13	661.13
			02/05/20	NP	9.35	NM	NA	NA	661.27	661.27
PZ-04	671.03	16.0-21.0	02/22/19	NP	10.18	19.75	NA	NA	660.85	660.85
			06/14/19	NP	9.26	20.73	NA	NA	661.77	661.77
			09/26/19	NP	10.56	20.77	NA	NA	660.47	660.47
			11/04/19	NP	12.22	19.74[3]	NA	NA	658.81	658.81
			02/05/20	NP	10.12	NM	NA	NA	660.91	660.91
PZ-05	670.92	15.0-20.0	02/22/19	NP	10.60	19.63	NA	NA	660.32	660.32
			06/14/19	NP	9.52	19.64	NA	NA	661.40	661.40
			09/26/19	NP	10.25	19.62	NA	NA	660.67	660.67
			11/04/19	NP	10.42	19.63	NA	NA	660.50	660.50
			02/05/20	NP	10.85	NM	NA	NA	660.07	660.07
PZ-06	671.82	16.0-21.0	02/22/19	NP	10.85	20.97	NA	NA	660.97	660.97
			06/14/19	NP	9.37	20.98	NA	NA	662.45	662.45
			09/26/19	NP	9.94	20.97	NA	NA	661.88	661.88
			11/04/19	NP	9.53	20.92	NA	NA	662.29	662.29
			02/05/20	NP	10.06	NM	NA	NA	661.76	661.76

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Table 1
On-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

ARCADIS Design & Consultancy for natural and built assets

Well ID	TOC Elevation[1] (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Elevation (ft. amsl)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
PZ-07	670.87	15.0-20.0	02/22/19	NP	9.49	19.78	NA	NA	661.38	661.38
			06/14/19	NP	8.41	19.79	NA	NA	662.46	662.46
			09/26/19	NP	9.09	19.79	NA	NA	661.78	661.78
			11/04/19	NP	8.73	19.77	NA	NA	662.14	662.14
			02/05/20	NP	9.11	NM	NA	NA	661.76	661.76
PZ-08	668.62	15.0-20.0	02/22/19	NP	5.85	19.50	NA	NA	662.77	662.77
			06/14/19	NP	5.31	19.85	NA	NA	663.31	663.31
			09/26/19	NP	7.01	19.88	NA	NA	661.61	661.61
			11/04/19	NP	6.18	19.85	NA	NA	662.44	662.44
			02/05/20	NP	5.46	NM	NA	NA	663.16	663.16
PZ-09	671.91	15.0-20.0	03/08/19	NP	10.36	19.75	NA	NA	661.55	661.55
			06/14/19	NP	9.47	19.74	NA	NA	662.44	662.44
			09/26/19	NP	10.02	19.76	NA	NA	661.89	661.89
			11/04/19	NP	9.76	19.77	NA	NA	662.15	662.15
			02/05/20	NP	10.12	NM	NA	NA	661.79	661.79
PZ-10	671.42	15.0-20.0	02/22/19	NP	10.39	19.76	NA	NA	661.03	661.03
			06/14/19	NP	9.59	19.77	NA	NA	661.83	661.83
			09/26/19	NP	10.13	19.78	NA	NA	661.29	661.29
			11/04/19	NP	9.93	19.77	NA	NA	661.49	661.49
			02/05/20	NP	10.19	NM	NA	NA	661.23	661.23
PZ-11	671.06	15.0-20.0	02/22/19	NP	10.72	19.83	NA	NA	660.34	660.34
			06/14/19	NP	9.52	19.83	NA	NA	661.54	661.54
			09/26/19	NP	10.38	19.83	NA	NA	660.68	660.68
			11/04/19	NP	10.40	19.82	NA	NA	660.66	660.66
			02/05/20	NP	10.83	NM	NA	NA	660.23	660.23
PZ-12	671.29	15.0-20.0	02/22/19	NP	11.74	19.65	NA	NA	659.55	659.55
			06/14/19	NP	10.63	19.62	NA	NA	660.66	660.66
			09/26/19	NP	11.20	19.62	NA	NA	660.09	660.09
			11/04/19	NP	11.89	19.63	NA	NA	659.40	659.40
			02/05/20	NP	12.53	NM	NA	NA	658.76	658.76
PZ-13	671.21	15.0-20.0	02/22/19	NP	10.46	18.77	NA	NA	660.75	660.75
			06/14/19	NP	9.60	19.73	NA	NA	661.61	661.61
			09/26/19	NP	10.21	18.76	NA	NA	661.00	661.00
			11/04/19	NP	10.02	18.74	NA	NA	661.19	661.19
			02/05/20	NP	10.34	NM	NA	NA	660.87	660.87
PZ-14	670.26	13.0-18.0	06/14/19	NP	6.45	17.84	NA	NA	663.81	663.81
			09/26/19	NP	7.81	17.84	NA	NA	662.45	662.45
			11/04/19	NP	7.16	17.84	NA	NA	663.10	663.10
			02/05/20	NP	6.60	NM	NA	NA	663.66	663.66
PZ-15	669.28	13.0-18.0	06/14/19	NP	5.56	17.32	NA	NA	663.72	663.72
			09/26/19	NP	7.34	17.28	NA	NA	661.94	661.94
			11/04/19	NP	6.41	17.24	NA	NA	662.87	662.87
			02/05/20	NP	5.73	NM	NA	NA	663.55	663.55

Notes:
Water level measurements collected from top of well casing.
[1] TOC elevation re-surveyed on October 12-13 and/or November 20, 2017 by Geodetic Designs Inc.
[2] MW submerged under water.
[3] Monitoring well total depth incorrect due to field measurement error. Confirmed during sampling of the monitoring well.
[4] Monitoring well total depth not measured. Measurement shown is based on the recorded well screen depth from the well construction log.
* Monitoring well TOC unable to be re-surveyed due to access restrictions.
** Unable to calculate a corrected groundwater elevation due to LNAPL thickness throughout well screen.
[S] Monitoring well TOC surveyed on 11/12/2019 after reinstallation or repairs.

Abbreviations:

ft.	feet
ft. amsl	feet above mean sea level
ft. bgs	feet below ground surface
ft. btoc	feet below top of casing
LNAPL	light non-aqueous phase liquid
NA	not applicable
NM	not measured
NP	no product detected
TOC	top of casing

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-01											MW-02										
Screen Interval (ft. bgs):			14-19											15.5-20.5										
Date:	Unit		4/26/2017	7/28/2017	11/10/2017	5/11/2018	8/14/2018	10/29/2018	3/1/2019	6/11/2019	9/25/2019	11/15/2019	2/14/2020	4/27/2017	8/3/2017	11/9/2017	2/13/2018	5/10/2018	8/10/2018	10/26/2018	3/1/2019	6/11/2019	9/25/2019	11/20/2019	2/19/2020
Semi-volatile Organic Compounds (SVOCs)																								
1,4-Dioxane	µg/l	350	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	1.5 J	1.8 J	4.5	4.4	5.7	5.1	4.9	3.9	5.8	4.9	4.9	4.7
Volatile Organic Compounds (VOCs)																								
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	< 100	< 200	2.8 J	< 100
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 130	< 250	< 330	< 330	< 130	< 710	< 250	< 500	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.33 J	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.37 J	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	1.0 J	< 10	< 10	< 10	< 10	3.8 J	NA	NA	NA	NA	< 250	< 500	< 670	< 670	< 250	< 1,400	< 500	< 1,000	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	1.2 J	NA	NA	NA	NA	< 250	< 500	< 670	< 670	< 250	< 1,400	< 500	< 1,000	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10 UB	< 10	< 10 UB	< 10	< 10	28	NA	NA	NA	NA	< 250	< 500	< 670	< 670	< 250	< 1,400	< 500	< 1,000	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100 J	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100 J	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 130	< 250	< 330	< 330	< 130	< 710	< 250	< 500	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100 J	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100 J	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**630**	**1,200**	**1,000**	**1,400**	**1,700 J**	**2,300**	**1,900**	**2,600**	**3,400**	**3,800**	**3,000**	**3,100**
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 130	< 250	< 330	< 330	< 130	< 710	< 250	< 500	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 50	< 100	< 130	< 130	< 50	< 290	< 100	< 200	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 250	< 500	< 670	< 670	< 250	< 1,400	< 500	< 1,000	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 250	< 500	< 670	< 670	< 250	< 1,400	< 500	< 1,000	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-01											MW-02										
Screen Interval (ft. bgs):			14-19											15.5-20.5										
Date:	Unit		4/26/2017	7/28/2017	11/10/2017	5/11/2018	8/14/2018	10/29/2018	3/1/2019	6/11/2019	9/25/2019	11/15/2019	2/14/2020	4/27/2017	8/3/2017	11/9/2017	2/13/2018	5/10/2018	8/10/2018	10/26/2018	3/1/2019	6/11/2019	9/25/2019	11/20/2019	2/19/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100 J	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	< 100	< 200	< 10	< 100
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 50	< 100	< 130	< 130	< 50	< 290	< 100	< 200	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**200**	**270**	**260**	**390**	**510**	**510**	**530**	**760**	**790**	**840**	**760**	**860**
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 25	< 50	< 67	< 67	< 25	< 140	< 50	< 100	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 25	< 50	< 67	< 67	< 25	< 140	**8.2 J**	< 100 J	< 100	**27 J**	3.4 J	< 100
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**200**	**160**	**140**	**210**	**190**	**170**	**190**	**230**	**190**	**200**	**160**	**280**
Gases																									
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																									
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																									
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-03												MW-04										
Screen Interval (ft. bgs):			14-19												15.5-20.5										
Date:	Unit		4/27/2017	8/3/2017	11/9/2017	2/13/2018	5/10/2018	8/7/2018	10/26/2018	3/1/2019	6/11/2019	9/25/2019	11/19/2019	2/19/2020	4/27/2017	8/3/2017	11/9/2017	2/13/2018	5/10/2018	8/7/2018	10/26/2018	3/1/2019	6/11/2019	9/25/2019	11/19/2019	2/19/2020
Semi-volatile Organic Compounds (SVOCs)																									
1,4-Dioxane	µg/l	350	0.67 J	< 2.0 UB	0.57 J	< 2.0	0.50 J	1.4 J	1.3 J	1.0 J	1.8 J	1.5 J	1.1 J	1.5 J	1.1 J	< 2.0 UB	< 20	0.38 J	0.76 J	< 200	< 200	< 200	1.9 J	1.8 J	< 10	< 20
Volatile Organic Compounds (VOCs)																									
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000 J	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	< 1,000	< 1,700	< 100	< 1,300
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5,000	< 5,000	< 5,000	< 8,300	< 5,000 J	< 5,000	< 2,500	< 10,000	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000 J	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.3	0.21 J	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10,000	< 10,000	< 10,000	< 17,000	< 10,000 J	< 10,000	< 5,000	< 20,000 J	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10,000	< 10,000	< 10,000	< 17,000	< 10,000 J	< 10,000	< 5,000	< 20,000 J	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10,000	< 10,000	< 10,000	< 17,000	< 10,000 J	< 10,000	< 5,000	< 20,000 J	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000 J	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000 J	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 J	NA	NA	NA	NA	< 5,000	< 5,000	< 5,000	< 8,300	< 5,000 J	< 5,000	< 2,500	< 10,000 J	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000 J	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000 J	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.23 J	0.25 J	< 1.0	< 1.0	**32,000**	**27,000**	**21,000**	**26,000**	**21,000 J**	**22,000**	**24,000**	**21,000**	**6,400**	**18,000**	**18,000**	**16,000**
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000 J	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5,000	< 5,000	< 5,000	< 8,300	< 5,000 J	< 5,000	< 2,500	< 10,000	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 J	NA	NA	NA	NA	< 2,000	< 2,000	< 2,000	< 3,300	< 2,000 J	< 2,000	< 1,000	< 4,000 J	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10,000	< 10,000	< 10,000	< 17,000	< 10,000 J	< 10,000	< 5,000	< 20,000 J	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10,000	< 10,000	< 10,000	< 17,000	< 10,000 J	< 10,000	< 5,000	< 20,000 J	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-03												MW-04										
Screen Interval (ft. bgs):			14-19												15.5-20.5										
Date:	Unit		4/27/2017	8/3/2017	11/9/2017	2/13/2018	5/10/2018	8/7/2018	10/26/2018	3/1/2019	6/11/2019	9/25/2019	11/19/2019	2/19/2020	4/27/2017	8/3/2017	11/9/2017	2/13/2018	5/10/2018	8/7/2018	10/26/2018	3/1/2019	6/11/2019	9/25/2019	11/19/2019	2/19/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000 J	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	< 1,000	< 1,700	< 100	< 1,300
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2,000	< 2,000	< 2,000	< 3,300	< 2,000 J	< 2,000	< 1,000	< 4,000	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1,200**	**1,100**	**850 J**	**1,100 J**	**860 J**	**1,000**	**1,100**	**1,000 J**	**310 J**	**770 J**	**790**	**670 J**
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 1,000 J	< 1,000	< 500	< 2,000	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**21,000**	**18,000**	**19,000**	**23,000**	**23,000 J**	**31,000**	**35,000**	**41,000**	**13,000**	**35,000**	**35,000**	**28,000**
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**570 J**	**640 J**	**470 J**	< 1,700	**610 J**	< 1,000	**610**	**1,100 J**	< 1,000	**670 J**	**870**	**1,300**
Gases																										
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																										
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																										
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-05											MW-07										
Screen Interval (ft. bgs):			15.5-20.5											18-23										
Date:	Unit		8/3/2017	11/9/2017	2/13/2018	5/10/2018	8/7/2018	10/26/2018	3/1/2019	6/11/2019	9/27/2019	11/20/2019	2/19/2020	7/31/2017	11/10/2017	2/12/2018	5/11/2018	8/14/2018	10/29/2018	2/27/2019	6/10/2019	9/25/2019	11/22/2019	2/7/2020
Semi-volatile Organic Compounds (SVOCs)																								
1,4-Dioxane	µg/l	350	< 2.0 UB	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																								
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.26 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.36 J	< 1.0	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.73 J	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10 UB	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	0.58 J	< 1.0	0.39 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-05											MW-07										
Screen Interval (ft. bgs):			15.5-20.5											18-23										
Date:	Unit		8/3/2017	11/9/2017	2/13/2018	5/10/2018	8/7/2018	10/26/2018	3/1/2019	6/11/2019	9/27/2019	11/20/2019	2/19/2020	7/31/2017	11/10/2017	2/12/2018	5/11/2018	8/14/2018	10/29/2018	2/27/2019	6/10/2019	9/25/2019	11/22/2019	2/7/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.18 J	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Gases																								
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																								
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																								
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-09											MW-10										
Screen Interval (ft. bgs):			19.5-24.5											16.5-21.5										
Date:	Unit		7/28/2017	11/10/2017	2/12/2018	5/11/2018	8/14/2018	10/29/2018	3/1/2019	6/10/2019	9/23/2019	11/21/2019	2/10/2020	4/27/2017	8/4/2017	11/9/2017	2/13/2018	5/10/2018	8/9/2018	11/7/2018	3/1/2019	6/11/2019	9/27/2019	11/19/2019	2/19/2020
Semi-volatile Organic Compounds (SVOCs)																								
1,4-Dioxane	µg/l	350	8.6	11	12	3.6	4.3	3.9	3.8	5.2	4.2	3.1	< 2.0	5.9	4.5	5.6	4.4	4.4	4.8	5.5	4.5	6.1	5.0	5.6	5.3
Volatile Organic Compounds (VOCs)																								
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	< 100	< 200	< 10	< 200
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 250	< 330	< 500	< 1,000	< 500	< 710	< 1,300	< 500	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.28 J	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 500	< 670	< 1,000	< 2,000	< 1,000	< 1,400	< 2,500	< 1,000 J	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 500	< 670	< 1,000	< 2,000	< 1,000	< 1,400	< 2,500	< 1,000 J	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 500	< 670	< 1,000	< 2,000	< 1,000	< 1,400	< 2,500	< 1,000 J	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 J	NA	NA	NA	NA	< 250	< 330	< 500	< 1,000	< 500	< 710	< 1,300	< 500 J	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	< 100	< 200	6.4 J	< 200
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 250	< 330	< 500	< 1,000	< 500	< 710	< 1,300	< 500	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 J	NA	NA	NA	NA	< 100	< 130	< 200	< 400	< 200	< 290	< 500	< 200 J	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 500	< 670	< 1,000	< 2,000	< 1,000	< 1,400	< 2,500	< 1,000 J	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 500	< 670	< 1,000	< 2,000	< 1,000	< 1,400	< 2,500	< 1,000 J	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA

See Notes on Last Page.

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-09											MW-10										
Screen Interval (ft. bgs):			19.5-24.5											16.5-21.5										
Date:	Unit		7/28/2017	11/10/2017	2/12/2018	5/11/2018	8/14/2018	10/29/2018	3/1/2019	6/10/2019	9/23/2019	11/21/2019	2/10/2020	4/27/2017	8/4/2017	11/9/2017	2/13/2018	5/10/2018	8/9/2018	11/7/2018	3/1/2019	6/11/2019	9/27/2019	11/19/2019	2/19/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100 J	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	< 100	< 200	< 10	< 200
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 100	< 130	< 200	< 400	< 200	< 290	< 500	< 200	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	< 100	< 200	< 10	< 200
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 50	< 67	< 100	< 200	< 100	< 140	< 250	< 100	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 50	< 67	< 100	< 200	< 100	< 140	< 250	**14 J**	< 100	< 200	< 10	< 200
Vinyl chloride	µg/l	2.0	**5.5**	**7.1**	**4.6**	**2.2**	1.7	1.5	0.94 J	1.2	0.98 J	0.81 J	0.20 J	**1,200**	**2,100**	**2,000**	**1,900**	**3,100**	**2,300**	**3,100**	**3,300**	**3,600**	**3,000**	**2,700**	**5,300**
Gases																									
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																									
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																									
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-14											MW-15-59D										
Screen Interval (ft. bgs):			15-20											94-99										
Date:	Unit		7/28/2017	11/10/2017	2/12/2018	5/11/2018	8/14/2018	10/29/2018	2/26/2019	6/12/2019	9/23/2019	11/21/2019	2/3/2020	4/26/2017	8/1/2017	11/15/2017	2/6/2018	5/15/2018	8/9/2018	10/31/2018	3/5/2019	6/13/2019	9/27/2019	11/22/2019	2/21/2020
Semi-volatile Organic Compounds (SVOCs)																								
1,4-Dioxane	µg/l	350	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.90 J	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																								
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.36 J	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.23 J	< 1.0	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10 UB	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10 UB	< 10	< 10	< 10 J	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	1.6 J	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	0.86 J	0.58 J	0.62 J	0.76 J	0.69 J	0.43 J	0.34 J	0.62 J	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-14											MW-15-59D										
Screen Interval (ft. bgs):			15-20											94-99										
Date:	Unit		7/28/2017	11/10/2017	2/12/2018	5/11/2018	8/14/2018	10/29/2018	2/26/2019	6/12/2019	9/23/2019	11/21/2019	2/3/2020	4/26/2017	8/1/2017	11/15/2017	2/6/2018	5/15/2018	8/9/2018	10/31/2018	3/5/2019	6/13/2019	9/27/2019	11/22/2019	2/21/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	0.35 J	0.46 J	0.30 J	0.31 J	< 1.0	0.17 J	< 1.0	< 1.0	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	0.25 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.28 J	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Gases																									
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																									
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																									
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-15-60D												MW-15-61D											
Screen Interval (ft. bgs):			93-98												88-93											
Date:	Unit		4/26/2017	8/1/2017	11/15/2017	2/6/2018	5/11/2018	8/7/2018	10/29/2018	3/5/2019	6/13/2019	9/27/2019	11/22/2019	2/21/2020	4/26/2017	8/1/2017	11/15/2017	2/6/2018	5/15/2018	8/7/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020
Semi-volatile Organic Compounds (SVOCs)																										
1,4-Dioxane	µg/l	350	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																										
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0 J	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	0.38 J	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10 J	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10 J	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10 J	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	< 10	12	< 10	< 10	< 10 J	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	0.57 J	< 1.0	< 1.0	< 1.0	< 1.0	0.25 J	< 1.0	< 1.0	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	0.51 J	< 5.0	< 5.0 J	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	0.91 J	0.58 J	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 J	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	0.48 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0 J	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 J	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	0.50 J	< 1.0	< 1.0	< 1.0	0.12 J	< 1.0	< 1.0	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10 J	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10 J	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Screen Interval (ft. bgs): / Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-15-60D 93-98												MW-15-61D 88-93											
			4/26/2017	8/1/2017	11/15/2017	2/6/2018	5/11/2018	8/7/2018	10/29/2018	3/5/2019	6/13/2019	9/27/2019	11/22/2019	2/21/2020	4/26/2017	8/1/2017	11/15/2017	2/6/2018	5/15/2018	8/7/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	0.27 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 1.0	0.33 J	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	0.28 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Gases																										
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																										
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																										
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-18												MW-19									
Screen Interval (ft. bgs):			13-18												15-20									
Date:	Unit		4/21/2017	7/28/2017	11/10/2017	2/14/2018	5/8/2018	8/7/2018	10/29/2018	2/26/2019	6/10/2019	9/25/2019	11/12/2019	2/10/2020	11/14/2017	2/14/2018	5/14/2018	8/10/2018	10/26/2018	2/28/2019	6/12/2019	9/24/2019	11/20/2019	2/20/2020
Semi-volatile Organic Compounds (SVOCs)																								
1,4-Dioxane	µg/l	350	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	120	130	140	130	150	170	190	350	290	**540**
Volatile Organic Compounds (VOCs)																								
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	6.3	4.8	3.6	4.7	6.6	5.8	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	NA	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	0.26 J	< 1.0	< 1.0	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	0.49 J	0.52 J	0.36 J	0.48 J	0.47 J	0.47 J	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.24 J	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	0.34 J	< 1.0	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	1.3 J	< 10	< 10	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	0.87 J	< 10	< 10	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10 UB	5.6 J	< 10	< 10	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	8.9	6.5	1.7	< 1.0	4.1	< 1.0 J	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.45 J	< 1.0	1.1	0.94 J	0.71 J	1.0	1.6	1.3	0.65 J	0.99 J	1.1	0.73 J
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	1.1 J	< 10	< 10	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-18												MW-19									
Screen Interval (ft. bgs):			13-18												15-20									
Date:	Unit		4/21/2017	7/28/2017	11/10/2017	2/14/2018	5/8/2018	8/7/2018	10/29/2018	2/26/2019	6/10/2019	9/25/2019	11/12/2019	2/10/2020	11/14/2017	2/14/2018	5/14/2018	8/10/2018	10/26/2018	2/28/2019	6/12/2019	9/24/2019	11/20/2019	2/20/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.1	1.0	0.91 J	1.0	0.97 J	0.66 J	0.60 J	0.54 J	0.70 J	0.62 J
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.8	1.5	1.3	< 1.0	1.6	1.9	0.73 J	1.2	1.4	1.1
Gases																								
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																								
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																								
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:			MW-20										MW-21								
Screen Interval (ft. bgs):			13.5-18.5										13.5-18.5								
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	7/31/2017	11/10/2017	2/12/2018	5/11/2018	8/9/2018	10/29/2018	2/26/2019	6/12/2019	9/26/2019	11/12/2019	2/13/2018	5/15/2018	8/14/2018	10/26/2018	2/26/2019	6/13/2019	9/25/2019	11/13/2019	2/14/2020
Semi-volatile Organic Compounds (SVOCs)																					
1,4-Dioxane	µg/l	350	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	25	5.3	6.5	14	18	6.3	58	45	33
Volatile Organic Compounds (VOCs)																					
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500 J	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	< 710	< 500	**65 J**	< 500
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	< 5,000	< 5,000	< 5,000	< 8,300	< 13,000	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.17 J	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	1.4 J	< 10	< 10	< 10 J	NA	NA	NA	< 10,000	< 10,000	1,500 J	< 17,000	< 25,000 J	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	0.81 J	2.0 J	0.63 J	< 10	0.52 J	NA	NA	NA	< 10,000	< 10,000	830 J	< 17,000	< 25,000 J	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10 UB	< 10 UB	6.9 J	< 10	< 10	NA	NA	NA	< 10,000	2,100 J	< 10,000	< 17,000	< 25,000	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500 J	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	< 5,000	< 5,000	< 5,000	< 8,300	< 13,000	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**20,000**	**18,000**	**26,000**	**40,000**	**25,000**	**13,000 J**	**15,000**	**23,000**	**6,500**
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	< 5,000	**560 J**	< 5,000	< 8,300	< 13,000	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2,000	< 2,000	< 2,000	< 3,300	< 5,000	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	< 10,000 J	< 10,000	< 10,000	< 17,000	< 25,000 J	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	< 10,000	< 10,000	910 J	< 17,000	< 25,000 J	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-20										MW-21								
Screen Interval (ft. bgs):			13.5-18.5										13.5-18.5								
Date:	Unit		7/31/2017	11/10/2017	2/12/2018	5/11/2018	8/9/2018	10/29/2018	2/26/2019	6/12/2019	9/26/2019	11/12/2019	2/13/2018	5/15/2018	8/14/2018	10/26/2018	2/26/2019	6/13/2019	9/25/2019	11/13/2019	2/14/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	< 1,000	< 1,000 J	< 1,000	< 1,700	< 2,500 J	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	< 710	< 500	< 100	< 500
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2,000	< 2,000	< 2,000	< 3,300	< 5,000	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1,000	< 1,000	**190 J**	< 1,700	< 2,500	< 710	< 500	**120**	< 500
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1,000	< 1,000	< 1,000	< 1,700	< 2,500	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**460 J**	< 1,000	< 1,000	**1,900**	**570 J**	< 710	**190 J**	**62 J**	**250 J**
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**5,400**	**3,700**	**3,400**	**7,800**	**5,600**	**2,400**	**3,000**	**6,600**	**2,500**
Gases																					
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																					
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																					
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-22												MW-23									
Screen Interval (ft. bgs):			16.5-21.5												15-20									
Date:	Unit		4/25/2017	8/2/2017	11/7/2017	2/6/2018	5/10/2018	8/6/2018	10/30/2018	2/25/2019	6/10/2019	9/19/2019	11/12/2019	2/10/2020	8/3/2017	11/7/2017	2/6/2018	5/7/2018	8/6/2018	10/30/2018	6/10/2019	9/24/2019	11/11/2019	2/7/2020
Semi-volatile Organic Compounds (SVOCs)																								
1,4-Dioxane	µg/l	350	32	26	49	22	34	19	37	23	40	3.0	12	15	< 2.0 UB	< 20	< 20	< 2.0	< 200	< 200	< 2.0 UB	< 2.0 J	0.35 J	< 2.0
Volatile Organic Compounds (VOCs)																								
1,1,1-Trichloroethane	µg/l	200	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50 J	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	< 200	1.6	1.3 J	< 67	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	< 1,000	< 2,500	**21 J**	< 200
1,2,3-Trimethylbenzene	µg/l	NS	< 310	< 500	< 250	< 710	< 330	< 250	< 500	< 250	NA	NA	NA	NA	< 5,000	< 10,000	< 5,000	< 500	< 13,000	< 13,000	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 630	< 1,000	< 500	< 1,400	< 670	< 500	< 1,000	< 500 J	NA	NA	NA	NA	< 10,000	< 20,000	< 10,000	< 1,000	< 25,000	< 25,000	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 630	< 1,000	< 500	< 1,400	< 670	< 500	< 1,000	< 500 J	NA	NA	NA	NA	< 10,000	< 20,000	< 10,000	< 1,000	< 25,000	< 25,000	NA	NA	NA	NA
Acetone	µg/l	2,100	< 630	< 1,000	< 500	< 1,400	< 670	< 500	< 1,000	< 500	NA	NA	NA	NA	< 10,000	< 20,000	< 10,000	< 1,000	< 25,000	< 25,000	NA	NA	NA	NA
Benzene	µg/l	5.0	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
Bromoform	µg/l	80	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50 J	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
Bromomethane	µg/l	29	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 310	< 500	< 250	< 710	< 330	< 250	< 500	< 250	NA	NA	NA	NA	< 5,000	< 10,000	< 5,000	< 500	< 13,000	< 13,000	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
Chloroform	µg/l	80	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	**130**	**210**	25 J	**200**	**180**	**310**	**180 J**	**190**	**120 J**	**390**	**230**	**110**	**21,000**	**78,000**	**33,000**	**2,400**	**43,000**	**66,000**	**23,000**	**43,000**	**15,000**	**4,800**
cis-1,3-Dichloropropene	µg/l	NS	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 310 UB	< 500	< 250	< 710 UB	< 330	< 250	< 500	< 250	NA	NA	NA	NA	< 5,000	< 10,000	< 5,000 UB	< 500	< 13,000	< 13,000	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 130	< 200	< 100	< 290	< 130	< 100	< 200	< 100	NA	NA	NA	NA	< 2,000	< 4,000	< 2,000	< 200	< 5,000	< 5,000	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 630	< 1,000	< 500	< 1,400	< 670	< 500	< 1,000	< 500	NA	NA	NA	NA	< 10,000	< 20,000	< 10,000	< 1,000	< 25,000	< 25,000	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 630	< 1,000	< 500	< 1,400	< 670	< 500	< 1,000	< 500 J	NA	NA	NA	NA	< 10,000	< 20,000	< 10,000	< 1,000	< 25,000	< 25,000	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA

See Notes on Last Page.

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-22											MW-23									
Screen Interval (ft. bgs):			16.5-21.5											15-20									
Date:	Unit		4/25/2017	8/2/2017	11/7/2017	2/6/2018	5/10/2018	8/6/2018	10/30/2018	2/25/2019	6/10/2019	9/19/2019	11/12/2019	2/10/2020	8/3/2017	11/7/2017	2/6/2018	5/7/2018	8/6/2018	10/30/2018	6/10/2019	9/24/2019	11/11/2019	2/7/2020
Methyl-tert-butyl ether	µg/l	40	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	< 200	< 1.0	< 2.0	< 67	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	< 1,000	< 2,500	< 50	< 200
Toluene	µg/l	790	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 130	< 200	< 100	< 290	< 130	< 100	< 200	< 100	NA	NA	NA	NA	< 2,000	< 4,000	< 2,000	< 200	< 5,000	< 5,000	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	< 200	2.5	1.6 J	< 67	**1,200**	**4,100**	**1,800**	**180**	**2,300 J**	**3,000**	**1,000**	**1,600 J**	**500**	**200**
trans-1,3-Dichloropropene	µg/l	NS	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	NA	NA	NA	NA	< 1,000	< 2,000	< 1,000	< 100	< 2,500	< 2,500	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 63	< 100	< 50	< 140	< 67	< 50	< 100	< 50	< 200	0.25 J	< 2.0	< 67	**5,300**	**25,000**	**11,000**	**1,000**	**12,000**	**18,000**	**7,000**	**11,000**	**2,800**	**1,300**
Vinyl chloride	µg/l	2.0	**2,300**	**2,100**	**1,600**	**1,500**	**2,400**	**1,300**	**2,600 J**	**1,700**	**2,600**	**830**	**860**	**1,300**	**1,100**	**2,400**	**820 J**	**77 J**	< 2,500	**1,600 J**	**670 J**	**1,600 J**	**380**	< 200
Gases																								
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																								
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																								
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-24												MW-25										
Screen Interval (ft. bgs):			19-24												16-21										
Date:	Unit		4/26/2017	8/2/2017	11/10/2017	2/14/2018	5/14/2018	8/14/2018	10/29/2018	3/1/2019	6/11/2019	9/23/2019	11/22/2019	2/10/2020	4/21/2017	8/2/2017	11/14/2017	2/13/2018	5/9/2018	8/13/2018	10/29/2018	2/27/2019	6/10/2019	9/25/2019	11/15/2019	2/6/2020
Semi-volatile Organic Compounds (SVOCs)																									
1,4-Dioxane	µg/l	350	< 2.0	< 2.0 UB	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.75 J	< 2.0 UB	0.86 J	0.68 J	0.99 J	1.9 J	3.2	4.5	4.3 B	4.9	6.6	5.7
Volatile Organic Compounds (VOCs)																									
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.29 J	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	1.7 J	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	0.77 J	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.16 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	0.88 J	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-24												MW-25										
Screen Interval (ft. bgs):			19-24												16-21										
Date:	Unit		4/26/2017	8/2/2017	11/10/2017	2/14/2018	5/14/2018	8/14/2018	10/29/2018	3/1/2019	6/11/2019	9/23/2019	11/22/2019	2/10/2020	4/21/2017	8/2/2017	11/14/2017	2/13/2018	5/9/2018	8/13/2018	10/29/2018	2/27/2019	6/10/2019	9/25/2019	11/15/2019	2/6/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Gases																										
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																										
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																										
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Screen Interval (ft. bgs): / Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-26 4.5-14.5										MW-28 2-12										
			8/4/2017	11/14/2017	5/15/2018	8/9/2018	10/26/2018	2/28/2019	6/13/2019	9/25/2019	11/15/2019	2/18/2020	8/3/2017	11/8/2017	2/7/2018	5/15/2018	8/13/2018	10/31/2018	2/26/2019	6/11/2019	9/24/2019	11/14/2019	2/10/2020
Semi-volatile Organic Compounds (SVOCs)																							
1,4-Dioxane	µg/l	350	< 2.0 UB	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 UB	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.93 J	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																							
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	28	26	25	24	37	35	15	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0 J	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.23 J	NA	NA	NA	NA	14	12	10	13	15	15	7.9	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.87 J	< 1.0	< 1.0	0.71 J	1.6	0.90 J	0.57 J	0.33 J	0.43 J	0.40 J	1.8	1.2	< 1.0	< 5.0
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 5.0	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0 J	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 20	< 10 J	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 20	< 10 J	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 20	< 10	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0 J	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 5.0	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0 J	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.1	0.91 J	0.50 J	0.43 J	0.86 J	0.51 J	0.24 J	0.22 J	0.98 J	< 1.0	< 5.0
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 UB	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 5.0	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 20	< 10	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 20	< 10 J	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-26										MW-28									
Screen Interval (ft. bgs):			4.5-14.5										2-12									
Date:	Unit		8/4/2017	11/14/2017	5/15/2018	8/9/2018	10/26/2018	2/28/2019	6/13/2019	9/25/2019	11/15/2019	2/18/2020	8/3/2017	11/8/2017	2/7/2018	5/15/2018	8/13/2018	10/31/2018	2/26/2019	6/11/2019	9/24/2019	11/14/2019	2/10/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.22 J	< 2.0	< 1.0	0.16 J	0.27 J	< 1.0	< 5.0
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.68 J	0.59 J	0.45 J	0.51 J	0.66 J	0.70 J	0.30 J	0.43 J	0.64 J	< 1.0	< 5.0
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	0.33 J	< 1.0	< 1.0	< 1.0	< 5.0
Gases																							
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																							
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																							
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:			MW-29												MW-30											
Screen Interval (ft. bgs):			5-15												19-24											
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	4/26/2017	8/4/2017	11/14/2017	2/14/2018	5/14/2018	8/9/2018	10/26/2018	2/28/2019	6/12/2019	9/25/2019	11/20/2019	2/21/2020	4/25/2017	7/27/2017	11/9/2017	2/13/2018	5/8/2018	8/10/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020
Semi-volatile Organic Compounds (SVOCs)																										
1,4-Dioxane	µg/l	350	1.4 J	3.8	9.0	0.90 J	0.47 J	< 2.0	4.3	< 2.0	< 2.0	0.92 J	0.60 J	< 2.0	10	11	13	12	14	15	15	15	13	14	9.2	12
Volatile Organic Compounds (VOCs)																										
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.27 J	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.18 J	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10 UB	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.20 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 UB	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-29												MW-30										
Screen Interval (ft. bgs):			5-15												19-24										
Date:	Unit		4/26/2017	8/4/2017	11/14/2017	2/14/2018	5/14/2018	8/9/2018	10/26/2018	2/28/2019	6/12/2019	9/25/2019	11/20/2019	2/21/2020	4/25/2017	7/27/2017	11/9/2017	2/13/2018	5/8/2018	8/10/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.20 J	< 1.0	< 1.0	< 1.0	0.20 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Gases																										
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA	0.31 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	65	NA	360	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																										
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.6	NA	2.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	< 0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52	NA	53	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.1	NA	2.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																										
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	NA	**3,700**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**630**	NA	**3,700**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**77**	NA	**150**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**70**	NA	**150**	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-31												MW-32										
Screen Interval (ft. bgs):			17-22												18-23										
Date:	Unit		4/21/2017	7/28/2017	11/10/2017	2/14/2018	5/8/2018	8/10/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020	7/28/2017	11/7/2017	2/12/2018	5/8/2018	8/7/2018	11/7/2018	2/28/2019	6/11/2019	9/24/2019	11/14/2019	2/10/2020
Semi-volatile Organic Compounds (SVOCs)																									
1,4-Dioxane	µg/l	350	< 2.0	0.47 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.28 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																									
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	1.1	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.31 J	0.37 J	0.50 J	0.32 J	0.38 J	0.48 J	0.43 J	0.48 J	3.0	0.31 J
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-31												MW-32									
Screen Interval (ft. bgs):			17-22												18-23									
Date:	Unit		4/21/2017	7/28/2017	11/10/2017	2/14/2018	5/8/2018	8/10/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020	7/28/2017	11/7/2017	2/12/2018	5/8/2018	8/7/2018	11/7/2018	2/28/2019	6/11/2019	9/24/2019	11/14/2019	2/10/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	< 1.0	0.68 J	0.84 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	0.38 J	0.39 J	0.35 J	0.43 J	0.70 J	< 1.0
Gases																									
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																									
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																									
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-33											MW-34										
Screen Interval (ft. bgs):			14-19											16.5-21.5										
Date:	Unit		7/28/2017	11/8/2017	2/14/2018	5/8/2018	8/9/2018	11/2/2018	2/27/2019	6/11/2019	9/25/2019	11/8/2019	2/7/2020	4/24/2017	7/27/2017	11/9/2017	2/13/2018	5/8/2018	8/10/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020
Semi-volatile Organic Compounds (SVOCs)																								
1,4-Dioxane	µg/l	350	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	8.3	6.1	6.6	7.4	4.9	7.6	6.7	6.9	5.6	7.2	5.5	5.7
Volatile Organic Compounds (VOCs)																								
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.17 J	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.32 J	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10 UB	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.37 J	0.35 J	< 1.0	< 1.0	0.33 J	0.44 J	0.32 J	< 1.0	0.64 J	0.66 J	0.39 J
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-33											MW-34										
Screen Interval (ft. bgs):			14-19											16.5-21.5										
Date:	Unit		7/28/2017	11/8/2017	2/14/2018	5/8/2018	8/9/2018	11/2/2018	2/27/2019	6/11/2019	9/25/2019	11/8/2019	2/7/2020	4/24/2017	7/27/2017	11/9/2017	2/13/2018	5/8/2018	8/10/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.52 J	1.5	2.0	0.97 J	0.87 J	1.1	1.2	0.85 J	0.89 J	**2.2**	1.8	0.53 J
Gases																									
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																									
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																									
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-35											MW-36										
Screen Interval (ft. bgs):			19.5-24.5											20-25										
Date:	Unit		7/27/2017	11/7/2017	2/14/2018	5/9/2018	8/10/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020	7/28/2017	11/10/2017	2/15/2018	5/14/2018	8/14/2018	10/29/2018	3/1/2019	6/11/2019	9/25/2019	11/21/2019	2/7/2020
Semi-volatile Organic Compounds (SVOCs)																								
1,4-Dioxane	µg/l	350	4.9	4.6	4.3	4.7	4.3	4.5	5.8	5.2	5.0	2.8	4.5	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																								
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.26 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	1.7 J	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	0.89 J	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	0.32 J	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	1.1 J	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-35											MW-36										
Screen Interval (ft. bgs):			19.5-24.5											20-25										
Date:	Unit		7/27/2017	11/7/2017	2/14/2018	5/9/2018	8/10/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020	7/28/2017	11/10/2017	2/15/2018	5/14/2018	8/14/2018	10/29/2018	3/1/2019	6/11/2019	9/25/2019	11/21/2019	2/7/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.14 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.19 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.11 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	**3.5**	**2.4**	**4.5**	**7.2**	**3.0**	1.8	**4.1**	**6.7**	**2.6**	**3.2**	**4.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Gases																								
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																								
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																								
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-37											MW-38										
Screen Interval (ft. bgs):			18-23											15-20										
Date:	Unit		8/1/2017	11/10/2017	2/12/2018	5/10/2018	8/9/2018	10/31/2018	2/27/2019	6/12/2019	9/25/2019	11/14/2019	2/6/2020	4/26/2017	7/28/2017	11/8/2017	2/15/2018	5/8/2018	8/9/2018	11/1/2018	2/27/2019	6/11/2019	9/25/2019	11/8/2019	2/6/2020
Semi-volatile Organic Compounds (SVOCs)																								
1,4-Dioxane	µg/l	350	< 2.0 UB	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.39 J	< 2.0
Volatile Organic Compounds (VOCs)																								
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.17 J	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.9	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-37											MW-38										
Screen Interval (ft. bgs):			18-23											15-20										
Date:	Unit		8/1/2017	11/10/2017	2/12/2018	5/10/2018	8/9/2018	10/31/2018	2/27/2019	6/12/2019	9/25/2019	11/14/2019	2/6/2020	4/26/2017	7/28/2017	11/8/2017	2/15/2018	5/8/2018	8/9/2018	11/1/2018	2/27/2019	6/11/2019	9/25/2019	11/8/2019	2/6/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Gases																									
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																									
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																									
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-39											MW-40								
Screen Interval (ft. bgs):			20-25											20-25								
Date:	Unit		4/26/2017	7/28/2017	11/7/2017	2/15/2018	5/8/2018	8/7/2018	11/1/2018	2/28/2019	6/11/2019	9/24/2019	11/8/2019	2/10/2020	7/28/2017	11/15/2017	5/8/2018	8/10/2018	11/1/2018	6/15/2019	9/28/2019	11/23/2019	2/8/2020
Semi-volatile Organic Compounds (SVOCs)																							
1,4-Dioxane	µg/l	350	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																							
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.7	3.2	2.3 J	2.4	2.6	2.2	2.8	3.2	2.5
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-39												MW-40								
Screen Interval (ft. bgs):			20-25												20-25								
Date:	Unit		4/26/2017	7/28/2017	11/7/2017	2/15/2018	5/8/2018	8/7/2018	11/1/2018	2/28/2019	6/11/2019	9/24/2019	11/8/2019	2/10/2020	7/28/2017	11/15/2017	5/8/2018	8/10/2018	11/1/2018	6/15/2019	9/28/2019	11/23/2019	2/8/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.41 J	0.48 J	0.34 J	0.37 J	0.39 J	0.37 J	0.43 J	0.46 J	0.30 J
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.77 J	1.8	1.3 J	0.54 J	1.4	0.26 J	0.90 J	0.70 J	0.28 J
Gases																							
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																							
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																							
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-41												MW-42									
Screen Interval (ft. bgs):			16-21												16-21									
Date:	Unit		4/24/2017	7/27/2017	11/9/2017	2/13/2018	5/8/2018	8/10/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020	4/24/2017	7/27/2017	11/9/2017	2/13/2018	5/9/2018	8/10/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020
Semi-volatile Organic Compounds (SVOCs)																								
1,4-Dioxane	µg/l	350	1.9 J	1.4 J	2.2	0.77 J	0.75 J	1.6 J	1.9 J	1.4 J	1.3 J	1.2 J	1.5 J	1.7 J	1.3 J	1.8 J	2.4	1.8 J	2.2	2.3	2.6	3.1	2.5	3.0	2.4	3.0
Volatile Organic Compounds (VOCs)																								
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.21 J	< 1.0	0.20 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	1.9	1.8	2.3	2.1	2.6	2.5	2.9	3.1	2.0	2.0	2.8	2.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Screen Interval (ft. bgs): / Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-41 16-21												MW-42 16-21											
			4/24/2017	7/27/2017	11/9/2017	2/13/2018	5/8/2018	8/10/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020	4/24/2017	7/27/2017	11/9/2017	2/13/2018	5/9/2018	8/10/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.34 J	0.35 J	0.42 J	< 1.0	0.24 J	0.37 J	0.25 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.13 J	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	**3.2**	1.9	**2.4**	**2.1**	**5.3**	**3.0**	2.0	**3.2**	1.9	1.5	**2.7**	1.5	0.81 J	0.99 J	1.0	0.81 J	0.99 J	0.60 J	0.60 J	0.70 J	0.67 J	0.92 J	1.1	0.70 J
Gases																										
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																										
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																										
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-43												MW-44											
Screen Interval (ft. bgs):			17-22												16-21											
Date:	Unit		4/27/2017	7/27/2017	11/9/2017	2/13/2018	5/9/2018	8/10/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020	4/25/2017	8/2/2017	11/7/2017	2/6/2018	5/14/2018	8/13/2018	10/30/2018	2/25/2019	6/11/2019	9/19/2019	11/12/2019	2/6/2020
Semi-volatile Organic Compounds (SVOCs)																										
1,4-Dioxane	µg/l	350	3.6	3.5	3.5	2.2 J	2.8	3.3	4.0	3.3	2.7	4.4	3.6	3.5	12	7.1	12	9.0	11	9.5	2.7	5.7	14	14	12	10
Volatile Organic Compounds (VOCs)																										
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	< 20	< 1.0	< 1.0	< 10
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 31	< 50	< 100	< 33	< 67	< 100	< 100	< 100	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 63	< 100	< 200	< 67	< 130	< 200	< 200	< 200	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 63	< 100	< 200	< 67	< 130	< 200	< 200	< 200	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 63	< 100	< 200	< 67	< 130	< 200	< 200	< 200	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 31	< 50	< 100	< 33	< 67	< 100	< 100	< 100	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	< 20	< 1.0	0.28 J	< 10
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 31 UB	< 50	< 100 UB	< 33 UB	**9.7 J**	< 100	< 100	< 100	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 13	< 20	< 40	< 13	< 27	< 40	< 40	< 40	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 63	< 100	< 200	< 67	< 130	< 200	< 200	< 200	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 63	< 100	< 200	< 67	< 130	< 200	< 200	< 200	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-43												MW-44										
Screen Interval (ft. bgs):			17-22												16-21										
Date:	Unit		4/27/2017	7/27/2017	11/9/2017	2/13/2018	5/9/2018	8/10/2018	11/1/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020	4/25/2017	8/2/2017	11/7/2017	2/6/2018	5/14/2018	8/13/2018	10/30/2018	2/25/2019	6/11/2019	9/19/2019	11/12/2019	2/6/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	< 20	< 1.0	< 1.0	< 10
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 13	< 20	< 40	< 13	< 27	< 40	< 40	< 40	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	< 20	< 1.0	< 1.0	< 10
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 6.3	< 10	< 20	< 6.7	< 13	< 20	< 20	< 20	< 20	< 1.0	< 1.0	< 10
Vinyl chloride	µg/l	2.0	**8.4**	**3.0**	**2.2**	**8.0**	**6.4 J**	1.0	0.71 J	**3.4**	1.5	< 1.0	0.33 J	< 1.0	**230**	**380**	**520**	**210**	**270**	**240**	**240**	**180**	**180**	**270**	**340**	**260 J**
Gases																										
Ethane	ug/l	NS	0.48 J	NA	0.74 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	< 0.50	NA	0.27 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	190	NA	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																										
Carbon	mg/l	NS	4.4	NA	4.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	< 0.50	NA	< 0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	220	NA	**260**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	4.0	NA	4.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																										
Iron, Dissolved	ug/l	300	**1,700**	NA	**2,800**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	**2,500**	NA	**3,900**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	**210**	NA	**190**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	**210**	NA	**200**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-45												MW-46										
Screen Interval (ft. bgs):			15-20												16-21										
Date:	Unit		4/24/2017	8/1/2017	11/13/2017	2/12/2018	5/8/2018	8/9/2018	11/2/2018	2/26/2019	6/11/2019	9/27/2019	11/8/2019	2/12/2020	4/24/2017	7/31/2017	11/13/2017	2/12/2018	5/14/2018	8/9/2018	11/2/2018	2/26/2019	6/11/2019	9/25/2019	11/7/2019	2/12/2020
Semi-volatile Organic Compounds (SVOCs)																									
1,4-Dioxane	µg/l	350	4.1	2.5	< 2.0	< 2.0	0.40 J	1.0 J	1.1 J	< 2.0	0.94 J	< 2.0	0.45 J	< 2.0	21	< 2.0 UB	3.7	11	13	8.5	7.0	3.0	11	4.8	7.7	2.7
Volatile Organic Compounds (VOCs)																									
1,1,1-Trichloroethane	µg/l	200	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17 J	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	1.9 J	2.8	3.6	2.4	1.0 J	1.3	0.80 J	0.32 J	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	< 25	< 25	0.37 J	< 25	< 5.0	0.78 J	0.90 J	0.46 J	< 1.7	< 1.0	< 1.0	< 1.0	< 3.3	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 2,500	< 2,500	< 330	< 500	< 330	< 170	< 50	< 83	NA	NA	NA	NA	< 25	< 5.0	< 13	< 5.0	< 8.4	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17 J	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17 J	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	0.55 J	< 1.7	0.57 J	0.21 J	< 1.0	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	0.21 J	< 1.0	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 5,000	< 5,000	< 670	< 1,000	< 670	< 330	< 100	< 170 J	NA	NA	NA	NA	< 50	< 10	< 25	< 10	< 17	< 10	< 10	< 10 J	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 5,000	< 5,000	< 670	< 1,000	< 670	< 330	< 100	< 170 J	NA	NA	NA	NA	< 50	< 10	< 25	< 10	< 17	< 10	< 10	< 10 J	NA	NA	NA	NA
Acetone	µg/l	2,100	< 5,000	< 5,000	< 670	< 1,000	< 670	< 330	< 100	< 170	NA	NA	NA	NA	< 50	< 10	< 25	< 10	< 17	< 10	< 10	< 10	NA	NA	NA	NA
Benzene	µg/l	5.0	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromoform	µg/l	80	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17 J	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Bromomethane	µg/l	29	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 2,500	< 2,500	< 330	< 500	< 330	< 170	< 50	< 83	NA	NA	NA	NA	< 25	< 5.0	< 13	< 5.0	< 8.4	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0 J	< 1.0	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17 J	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloroform	µg/l	80	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	**10,000**	**8,100**	**2,100**	**1,800**	**1,200**	**1,000**	**640**	**340 J**	**310**	**160**	**150**	**260**	21	15	22	14	6.0	11	4.6	1.4	4.0	5.0	5.5	2.7
cis-1,3-Dichloropropene	µg/l	NS	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	**330 J**	< 2,500	< 330	< 500	< 330	< 170	< 50	< 83	NA	NA	NA	NA	< 25 UB	< 5.0	< 13	< 5.0	< 8.4	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 1,000	< 1,000	< 130	< 200	< 130	< 67	< 20 UB	< 33	NA	NA	NA	NA	< 10	< 2.0	< 5.0	< 2.0	< 3.3	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 5,000	< 5,000	< 670	< 1,000	< 670	< 330	< 100	< 170	NA	NA	NA	NA	< 50	< 10	< 25	< 10	< 17	< 10	< 10	< 10 J	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 5,000	< 5,000	< 670	< 1,000	< 670	< 330	< 100	< 170 J	NA	NA	NA	NA	< 50	< 10	< 25	< 10	< 17	< 10	< 10	< 10 J	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-45												MW-46										
Screen Interval (ft. bgs):			15-20												16-21										
Date:	Unit		4/24/2017	8/1/2017	11/13/2017	2/12/2018	5/8/2018	8/9/2018	11/2/2018	2/26/2019	6/11/2019	9/27/2019	11/8/2019	2/12/2020	4/24/2017	7/31/2017	11/13/2017	2/12/2018	5/14/2018	8/9/2018	11/2/2018	2/26/2019	6/11/2019	9/25/2019	11/7/2019	2/12/2020
Methyl-tert-butyl ether	µg/l	40	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	7.9	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	< 25	< 25	< 1.0	< 25	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	< 3.3	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 1,000	< 1,000	< 130	< 200	< 130	< 67	< 20	< 33	NA	NA	NA	NA	< 10	< 2.0	< 5.0	< 2.0	< 3.3	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 500	< 500	< 67	< 100	< 67	< 33	6.5 J	< 17	< 25	< 25	0.60 J	< 25	1.6 J	2.6	2.7	1.7	0.86 J	1.2	0.56 J	0.20 J	< 3.3	0.53 J	0.91 J	0.41 J
trans-1,3-Dichloropropene	µg/l	NS	< 500	< 500	< 67	< 100	< 67	< 33	< 10	< 17	NA	NA	NA	NA	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 500	< 500	< 67	< 100	< 67	< 33	2.7 J	< 17	< 25	< 25	< 1.0	< 25	< 5.0	< 1.0	< 2.5	< 1.0	< 1.7	< 1.0	< 1.0	< 1.0	< 3.3	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	**7,600**	**5,400**	**1,500**	**1,200**	**1,400**	**800**	**420**	**380**	**540**	**310**	**210**	**640**	**150**	**13**	**57**	**38**	**30**	**66**	**32**	**17**	**87**	**20**	**32**	**17**
Gases																										
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																										
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																										
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-47											MW-48											
Screen Interval (ft. bgs):			16-21											17-23											
Date:	Unit		4/24/2017	7/31/2017	11/10/2017	5/10/2018	8/9/2018	10/25/2018	2/28/2019	6/12/2019	9/25/2019	11/6/2019	2/7/2020	4/21/2017	8/1/2017	11/14/2017	2/12/2018	5/15/2018	8/6/2018	8/6/2018	10/25/2018	3/4/2019	6/13/2019	9/20/2019	11/6/2019	2/11/2020
Semi-volatile Organic Compounds (SVOCs)																									
1,4-Dioxane	µg/l	350	0.72 J	< 2.0 UB	0.52 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	9.5	2.1	7.7	12	6.2	NA	6.5	1.6 J	< 2.0	5.3	2.5	< 2.0
Volatile Organic Compounds (VOCs)																									
1,1,1-Trichloroethane	µg/l	200	< 5.0	2.2 J	< 10	1.9 J	2.0	3.1 J	2.2 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0 J	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	3.7 J	3.5 J	4.6 J	2.9 J	4.0	5.1	4.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 5.0	< 4.0	< 10	< 5.0 J	0.43 J	< 5.0	< 2.5	< 4.0	0.59 J	0.42 J	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 25	< 20	< 50	< 25 J	< 8.4	< 25	< 13	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0 J	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	0.27 J	< 1.0	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 50	< 40	< 100	< 50 J	< 17	< 50	< 25	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	1.5 J	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 50	< 40	< 100	< 50 J	< 17	< 50	< 25	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	< 10 J	NA	NA	NA	NA
Acetone	µg/l	2,100	< 50	< 40	< 100	< 50 J	< 17	< 50	< 25	NA	NA	NA	NA	< 10	< 10	5.1 J	< 10	< 10 UB	< 10	NA	< 10	8.4 J	NA	NA	NA	NA
Benzene	µg/l	5.0	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA
Bromoform	µg/l	80	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0 J	NA	NA	NA	NA
Bromomethane	µg/l	29	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0 J	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 25	< 20	< 50	< 25 J	< 8.4	< 25	< 13	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0 J	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0 J	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0 J	NA	NA	NA	NA
Chloroform	µg/l	80	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	69	69	**79**	49 J	55	48	32	25	32	28	22	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	µg/l	NS	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0 J	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 25 UB	< 20	< 50	< 25 J	< 8.4	< 25	< 13	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 10	< 8.0	< 20	< 10 J	< 3.3	< 10	< 5.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0 J	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 50	< 40	< 100	< 50 J	< 17	< 50	< 25	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	< 10 J	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 50	< 40	< 100	< 50 J	< 17	< 50	< 25	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	< 10 J	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-47											MW-48											
Screen Interval (ft. bgs):			16-21											17-23											
Date:	Unit		4/24/2017	7/31/2017	11/10/2017	5/10/2018	8/9/2018	10/25/2018	2/28/2019	6/12/2019	9/25/2019	11/6/2019	2/7/2020	4/21/2017	8/1/2017	11/14/2017	2/12/2018	5/15/2018	8/6/2018	8/6/2018	10/25/2018	3/4/2019	6/13/2019	9/20/2019	11/6/2019	2/11/2020
Methyl-tert-butyl ether	µg/l	40	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	NA	< 1.0	< 1.0 J	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	< 4.0	< 1.0	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 10	< 8.0	< 20	< 10 J	< 3.3	< 10	< 5.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	7.1	8.6	9.3 J	6.5 J	7.2	7.1	5.4	5.3	5.6	5.2	4.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 5.0	< 4.0	< 10	< 5.0 J	< 1.7	< 5.0	< 2.5	< 4.0	< 1.0	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	**120**	**110**	**220**	**88 J**	**59**	**100**	**44**	**120**	**94**	**96**	**74**	0.85 J	**11**	**5.2**	**3.8**	**7.4**	**5.3**	NA	**6.6**	0.24 J	< 1.0	1.6	0.57 J	< 1.0
Gases																										
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6,000	NA	NA	NA	NA	NA	NA
Other																										
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																										
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-49											MW-50										
Screen Interval (ft. bgs):			12.5-17.5											16-21										
Date:	Unit		4/21/2017	7/28/2017	2/13/2018	5/11/2018	8/14/2018	10/30/2018	2/27/2019	6/11/2019	9/27/2019	11/13/2019	2/13/2020	4/21/2017	7/31/2017	11/13/2017	2/12/2018	5/9/2018	8/6/2018	10/24/2018	2/27/2019	6/12/2019	9/20/2019	11/5/2019	2/11/2020
Semi-volatile Organic Compounds (SVOCs)																								
1,4-Dioxane	µg/l	350	12	9.4	7.0	5.5	5.0	5.4	8.1	6.1	8.9	15	7.3	1.5 J	2.2	0.68 J	0.78 J	2.8	1.7 J	2.8	3.6	3.3	3.1	2.0	1.7 J
Volatile Organic Compounds (VOCs)																								
1,1,1-Trichloroethane	µg/l	200	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500 J	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	0.48 J	< 5.0	< 6.7	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	< 710	< 2,500	**48 J**	< 1,000	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	0.26 J	< 5.0	< 6.7	< 1.0	< 1.0	< 1.0	< 5.0
1,2,3-Trimethylbenzene	µg/l	NS	< 10,000	< 5,000	< 8,300	< 8,300	< 2,500	< 5,000	< 13,000	NA	NA	NA	NA	< 25	< 20	< 25	< 25	< 25	< 5.0	< 25	< 33	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500 J	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500 J	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 20,000	< 10,000	< 17,000	< 17,000	< 5,000	< 10,000	< 25,000 J	NA	NA	NA	NA	< 50	< 40	< 50	< 50	< 50	< 10	< 50	< 67	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 20,000	< 10,000	< 17,000	< 17,000	< 5,000	< 10,000	< 25,000 J	NA	NA	NA	NA	< 50	< 40	< 50	< 50	< 50	< 10	< 50	< 67	NA	NA	NA	NA
Acetone	µg/l	2,100	< 20,000	< 10,000	< 17,000	< 17,000 UB	< 5,000	< 10,000	< 25,000	NA	NA	NA	NA	< 50	< 40	< 50	< 50	< 50	< 10	< 50	< 67	NA	NA	NA	NA
Benzene	µg/l	5.0	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
Bromoform	µg/l	80	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500 J	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
Bromomethane	µg/l	29	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 10,000	< 5,000	< 8,300	< 8,300	< 2,500	< 5,000	< 13,000	NA	NA	NA	NA	< 25	< 20	< 25	< 25	< 25	< 5.0	< 25	< 33	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500 J	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
Chloroform	µg/l	80	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	**43,000**	**29,000 J**	**20,000**	**17,000**	**15,000**	**22,000**	**37,000**	**19,000**	**28,000**	**23,000**	**18,000**	13	15	23	22	12	17	16	20	9.4	5.2	5.8	11
cis-1,3-Dichloropropene	µg/l	NS	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	**1,100 J**	< 5,000	< 8,300	**940 J**	< 2,500	< 5,000	< 13,000	NA	NA	NA	NA	< 25	< 20	< 25	3.5 J	< 25	< 5.0	< 25	< 33	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 4,000	< 2,000	< 3,300	< 3,300	< 1,000	< 2,000	< 5,000	NA	NA	NA	NA	< 10	< 8.0	< 10	< 10	< 10	< 2.0	< 10	< 13	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 20,000	< 10,000	< 17,000	< 17,000	< 5,000	< 10,000	< 25,000 J	NA	NA	NA	NA	< 50	< 40	< 50	< 50	< 50	< 10	< 50	< 67	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 20,000	< 10,000	< 17,000	< 17,000	< 5,000	< 10,000	< 25,000 J	NA	NA	NA	NA	< 50	< 40	< 50	< 50	< 50	< 10	< 50	< 67	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-49											MW-50										
Screen Interval (ft. bgs):			12.5-17.5											16-21										
Date:	Unit		4/21/2017	7/28/2017	2/13/2018	5/11/2018	8/14/2018	10/30/2018	2/27/2019	6/11/2019	9/27/2019	11/13/2019	2/13/2020	4/21/2017	7/31/2017	11/13/2017	2/12/2018	5/9/2018	8/6/2018	10/24/2018	2/27/2019	6/12/2019	9/20/2019	11/5/2019	2/11/2020
Methyl-tert-butyl ether	µg/l	40	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	< 710	< 2,500	< 50	< 1,000	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	< 1.0	< 1.0	< 1.0	< 5.0
Toluene	µg/l	790	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 4,000	< 2,000	< 3,300	< 3,300	< 1,000	< 2,000	< 5,000	NA	NA	NA	NA	< 10	< 8.0	< 10	< 10	< 10	< 2.0	< 10	< 13	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 2,000	< 1,000	< 1,700	< 1,700	**110 J**	< 1,000	< 2,500	< 710	< 2,500	**150**	< 1,000	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	0.31 J	< 5.0	< 6.7	0.31 J	< 1.0	0.25 J	< 5.0
trans-1,3-Dichloropropene	µg/l	NS	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	NA	NA	NA	NA	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 2,000	< 1,000	< 1,700	< 1,700	< 500	< 1,000	< 2,500	< 710	< 2,500	< 50	< 1,000	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 6.7	< 1.0	< 1.0	< 1.0	< 5.0
Vinyl chloride	µg/l	2.0	**10,000**	**9,800**	**8,400**	**8,100**	**4,900**	**8,400**	**9,100**	**7,100**	**8,100**	**7,800**	**7,000**	**48**	**140**	**150**	**76**	**150**	**97**	**99**	**170**	**200**	**120**	**120**	**110**
Gases																									
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																									
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																									
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-51												MW-52									
Screen Interval (ft. bgs):			15-20												15-20									
Date:	Unit		4/25/2017	8/3/2017	11/9/2017	2/8/2018	5/14/2018	8/6/2018	10/30/2018	3/1/2019	6/12/2019	9/24/2019	11/15/2019	2/4/2020	7/27/2017	11/10/2017	2/13/2018	5/9/2018	8/10/2018	10/31/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020
Semi-volatile Organic Compounds (SVOCs)																									
1,4-Dioxane	µg/l	350	0.75 J	< 2.0 UB	1.1 J	1.1 J	0.49 J	1.6 J	2.5	1.5 J	2.2	3.2	2.1	1.9 J	1.3 J	0.68 J	1.2 J	0.30 J	1.8 J	2.7	1.9 J	1.2 J	1.1 J	0.64 J	1.5 J
Volatile Organic Compounds (VOCs)																									
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	0.41 J	0.72 J	0.70 J	0.84 J	0.45 J	0.77 J	1.0	0.57 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.28 J	0.24 J	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.40 J	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.18 J	< 1.0	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10 UB	< 10	< 10	< 10	NA	NA	NA	NA	2.2 J	< 10	< 10	< 10 UB	< 10	< 10	< 10 J	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	0.31 J	< 1.0	0.37 J	0.33 J	0.22 J	0.16 J	< 1.0	0.36 J	0.19 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-51												MW-52									
Screen Interval (ft. bgs):			15-20												15-20									
Date:	Unit		4/25/2017	8/3/2017	11/9/2017	2/8/2018	5/14/2018	8/6/2018	10/30/2018	3/1/2019	6/12/2019	9/24/2019	11/15/2019	2/4/2020	7/27/2017	11/10/2017	2/13/2018	5/9/2018	8/10/2018	10/31/2018	3/2/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	0.57 J	0.97 J	0.47 J	< 1.0	0.70 J	0.40 J	0.39 J	0.29 J	0.36 J	0.28 J	0.61 J	< 1.0	**7.0**	**9.1**	**4.0**	**4.3**	**4.5**	**5.0**	**3.9**	**3.4**	**5.9**	**4.7**	**4.3**
Gases																									
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																									
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																									
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-53												MW-54									
Screen Interval (ft. bgs):			16-21												16-21									
Date:	Unit		4/24/2017	7/27/2017	11/8/2017	2/7/2018	5/9/2018	8/13/2018	10/31/2018	2/28/2019	6/10/2019	9/28/2019	11/20/2019	2/12/2020	7/27/2017	11/8/2017	2/7/2018	5/9/2018	8/13/2018	10/31/2018	6/10/2019	9/27/2019	11/19/2019	2/12/2020
Semi-volatile Organic Compounds (SVOCs)																								
1,4-Dioxane	µg/l	350	1.1 J	2.0	0.61 J	1.1 J	1.4 J	1.6 J	1.8 J	1.7 J	2.5	1.5 J	1.3 J	1.5 J	1.5 J	2.0	2.7	1.7 J	1.4 J	2.6	3.0	2.2	2.4	2.5
Volatile Organic Compounds (VOCs)																								
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 J	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.26 J	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	0.18 J	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10 J	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10 J	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10 J	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 J	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 J	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 J	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10 J	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10 J	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-53											MW-54									
Screen Interval (ft. bgs):			16-21											16-21									
Date:	Unit		4/24/2017	7/27/2017	11/8/2017	2/7/2018	5/9/2018	8/13/2018	10/31/2018	2/28/2019	6/10/2019	9/28/2019	11/20/2019	2/12/2020	7/27/2017	11/8/2017	2/7/2018	5/9/2018	8/13/2018	10/31/2018	6/10/2019	9/27/2019	11/19/2019	2/12/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 J	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	< 1.0	0.63 J	< 1.0	< 1.0	< 1.0	0.45 J	0.60 J	< 1.0	< 1.0	0.84 J	0.80 J	0.20 J	0.88 J	1.5	1.2	0.98 J	0.34 J	0.85 J	0.87 J	0.84 J	1.2	1.2
Gases																								
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																								
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																								
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-54S					MW-55										MW-55D			
Screen Interval (ft. bgs):			4.9-9.5					15-20										19-24			
Date:	Unit		4/29/2019	6/10/2019	9/27/2019	11/19/2019	2/12/2020	7/27/2017	11/8/2017	2/7/2018	5/10/2018	8/13/2018	10/31/2018	2/27/2019	6/11/2019	9/25/2019	11/20/2019	2/11/2020	6/11/2019	9/25/2019	11/20/2019	2/12/2020
Semi-volatile Organic Compounds (SVOCs)																					
1,4-Dioxane	µg/l	350	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	1.2 J	1.4 J	0.96 J	1.2 J	1.1 J	1.6 J	< 2.0	1.2 J	< 2.0	0.65 J	< 2.0	2.8	2.6	1.8 J	1.4 J
Volatile Organic Compounds (VOCs)																					
1,1,1-Trichloroethane	µg/l	200	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.25 J	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10 UB	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	µg/l	5.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	µg/l	80	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/l	29	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	µg/l	100	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	µg/l	1,700	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	µg/l	80	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	µg/l	1,100	NA	NA	NA	NA	NA	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	0.26 J	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.19 J	< 1.0	< 1.0	0.89 J	< 1.0	< 5.0	< 1.0	0.79 J	< 1.0	< 1.0
cis-1,3-Dichloropropene	µg/l	NS	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/l	NS	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl ether	µg/l	10	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	µg/l	74	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-54S					MW-55										MW-55D			
Screen Interval (ft. bgs):			4.9-9.5					15-20										19-24			
Date:	Unit		4/29/2019	6/10/2019	9/27/2019	11/19/2019	2/12/2020	7/27/2017	11/8/2017	2/7/2018	5/10/2018	8/13/2018	10/31/2018	2/27/2019	6/11/2019	9/25/2019	11/20/2019	2/11/2020	6/11/2019	9/25/2019	11/20/2019	2/12/2020
Methyl-tert-butyl ether	µg/l	40	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	0.84 J	0.65 J	< 1.0	0.48 J	0.39 J	0.57 J	0.54 J	0.48 J	0.58 J	0.50 J	< 5.0	0.34 J	< 1.0	< 1.0	0.35 J
Gases																						
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																						
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																						
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-56												MW-57									
Screen Interval (ft. bgs):			16-21												17-22									
Date:	Unit		4/24/2017	7/28/2017	11/8/2017	2/14/2018	5/9/2018	8/13/2018	10/31/2018	2/27/2019	6/11/2019	9/25/2019	11/20/2019	2/11/2020	7/27/2017	11/7/2017	2/9/2018	5/9/2018	8/6/2018	10/25/2018	2/28/2019	6/11/2019	9/27/2019	11/19/2019	2/12/2020
Semi-volatile Organic Compounds (SVOCs)																								
1,4-Dioxane	µg/l	350	3.8	2.7	2.2	1.6 J	2.7	2.3	2.7	2.9	3.7	2.4	0.49 J	< 2.0	4.6	4.9	4.9	3.9	4.5	4.6	3.1	3.6	3.3	1.8 J	1.2 J
Volatile Organic Compounds (VOCs)																								
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.16 J	< 1.0	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	2.7 J	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	1.8 J	< 10	< 10	< 10	< 10	< 10	12	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.24 J	0.43 J	0.26 J	0.27 J	0.34 J	0.86 J	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 UB	< 5.0	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA

See Notes on Last Page.

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Screen Interval (ft. bgs): / Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-56 16-21												MW-57 17-22										
			4/24/2017	7/28/2017	11/8/2017	2/14/2018	5/9/2018	8/13/2018	10/31/2018	2/27/2019	6/11/2019	9/25/2019	11/20/2019	2/11/2020	7/27/2017	11/7/2017	2/9/2018	5/9/2018	8/6/2018	10/25/2018	2/28/2019	6/11/2019	9/27/2019	11/19/2019	2/12/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.11 J	0.12 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.31 J	0.38 J	< 1.0	< 1.0	0.21 J	< 5.0	< 1.0	< 1.0	0.59 J	0.56 J	0.39 J	0.64 J	0.88 J	0.77 J	0.90 J	0.96 J	0.60 J
Gases																									
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																									
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																									
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:			MW-58											MW-62										
Screen Interval (ft. bgs):			15-20											16.3-21.3										
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	7/28/2017	11/8/2017	2/7/2018	5/14/2018	8/13/2018	10/31/2018	3/1/2019	6/11/2019	9/25/2019	11/14/2019	2/11/2020	4/21/2017	7/31/2017	11/13/2017	2/6/2018	5/9/2018	8/6/2018	10/24/2018	2/27/2019	6/12/2019	9/27/2019	11/5/2019	2/11/2020
Semi-volatile Organic Compounds (SVOCs)																								
1,4-Dioxane	µg/l	350	10	8.0	9.6	3.6	2.2	3.9	6.2	11	8.6	9.0	4.1	2.8	3.7	3.7	2.1	1.5 J	3.1	2.3	2.4	2.0	3.1	3.0	4.7
Volatile Organic Compounds (VOCs)																								
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.27 J	< 1.0	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10 UB	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 J	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 J	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	1.6	< 1.0	0.30 J	0.30 J	0.83 J	< 1.0	0.23 J	0.33 J	0.31 J	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 J	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-58											MW-62										
Screen Interval (ft. bgs):			15-20											16.3-21.3										
Date:	Unit		7/28/2017	11/8/2017	2/7/2018	5/14/2018	8/13/2018	10/31/2018	3/1/2019	6/11/2019	9/25/2019	11/14/2019	2/11/2020	4/21/2017	7/31/2017	11/13/2017	2/6/2018	5/9/2018	8/6/2018	10/24/2018	2/27/2019	6/12/2019	9/27/2019	11/5/2019	2/11/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	1.3	< 1.0	1.0	1.3	1.2	0.66 J	1.0	0.73 J	0.62 J	0.65 J	1.5	1.0
Gases																									
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																									
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																									
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-63													MW-64											
Screen Interval (ft. bgs):			7-12													15-20											
Date:	Unit		4/21/2017	5/25/2017	7/31/2017	11/13/2017	2/7/2018	5/9/2018	8/6/2018	10/24/2018	2/28/2019	6/12/2019	9/20/2019	11/5/2019	2/11/2020	4/24/2017	7/27/2017	11/7/2017	2/9/2018	5/10/2018	8/13/2018	11/5/2018	2/28/2019	6/11/2019	9/27/2019	11/15/2019	2/3/2020
Semi-volatile Organic Compounds (SVOCs)																											
1,4-Dioxane	µg/l	350	19	NA	< 2.0 UB	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.32 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.50 J	< 2.0
Volatile Organic Compounds (VOCs)																											
1,1,1-Trichloroethane	µg/l	200	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	0.21 J	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 5,000	< 5,000	< 500	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	0.27 J	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10,000	< 10,000	< 1,000	< 100	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10,000	< 10,000	< 1,000	< 100	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10,000	< 10,000	< 1,000	< 100	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromoform	µg/l	80	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5,000	< 5,000	< 500	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Chloroform	µg/l	80	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1,000	< 1,000	< 100	< 10	1.7	2.5	3.3	2.2	1.8	2.9	1.4	1.3	0.73 J	< 1.0	0.37 J	0.31 J	0.30 J	< 1.0	0.29 J	0.32 J	0.23 J	0.25 J	< 1.0	0.29 J	0.18 J
cis-1,3-Dichloropropene	µg/l	NS	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5,000	< 5,000	< 500	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2,000	< 2,000	< 200	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1,000	< 1,000	< 100	5.6 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10,000	< 10,000	< 1,000	< 100	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10,000	< 10,000	< 1,000	< 100	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA

See Notes on Last Page.

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-63													MW-64											
Screen Interval (ft. bgs):			7-12													15-20											
Date:	Unit		4/21/2017	5/25/2017	7/31/2017	11/13/2017	2/7/2018	5/9/2018	8/6/2018	10/24/2018	2/28/2019	6/12/2019	9/20/2019	11/5/2019	2/11/2020	4/24/2017	7/27/2017	11/7/2017	2/9/2018	5/10/2018	8/13/2018	11/5/2018	2/28/2019	6/11/2019	9/27/2019	11/15/2019	2/3/2020
Methyl-tert-butyl ether	µg/l	40	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	**13,000**	**13,000**	**3,900**	**320**	0.23 J	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2,000	< 2,000	< 200	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	0.30 J	0.29 J	< 1.0	0.42 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	< 1,000	< 1,000	< 100	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.24 J	< 1.0	< 1.0	**2.4**	**4.8**	**7.0**	**6.7**	1.3	**5.9**	**3.0**	**3.4**	1.7	**9.9**	**7.3**	0.69 J
Gases																											
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																											
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																											
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:			MW-65												MW-66									
Screen Interval (ft. bgs):			16-21												15-20									
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	4/25/2017	8/2/2017	11/8/2017	2/6/2018	5/10/2018	8/8/2018	10/30/2018	2/28/2019	6/12/2019	9/18/2019	11/5/2019	2/4/2020	4/25/2017	8/2/2017	11/13/2017	2/12/2018	5/10/2018	8/8/2018	11/2/2018	3/4/2019	6/10/2019	9/19/2019	11/5/2019	2/10/2020
Semi-volatile Organic Compounds (SVOCs)																										
1,4-Dioxane	µg/l	350	3.8	3.1	3.8	3.4	2.1	1.8 J	2.9	2.6	3.8	4.2	4.2	4.2	0.76 J	< 2.0 UB	0.49 J	1.3 J	< 2.0	< 2.0	1.1 J	1.2 J	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																										
1,1,1-Trichloroethane	µg/l	200	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	0.35 J	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 10	< 20	< 10	< 10	< 10	< 5.0	< 10	< 13	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.24 J	< 1.0	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 20	< 40	< 20	< 20	< 20	< 10	< 20	< 25	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 20	< 40	< 20	< 20	< 20	< 10	< 20	< 25	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
Acetone	µg/l	2,100	< 20	< 40	< 20	< 20	< 20	< 10	< 20	< 25	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
Benzene	µg/l	5.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromoform	µg/l	80	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Bromomethane	µg/l	29	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 10	< 20	< 10	< 10	< 10	< 5.0	< 10	< 13	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	0.39 J	< 5.0	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Chloroform	µg/l	80	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	3.3	4.1	3.9	4.1	6.0	6.2	7.0	5.9	4.9	4.1	4.8	4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.19 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	µg/l	NS	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 10	< 20	< 10	< 10 UB	< 10	< 5.0	< 10	< 13	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 4.0	< 8.0	< 4.0	< 4.0	< 4.0	< 2.0	< 4.0	< 5.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 20	< 40	< 20	< 20	< 20	< 10	< 20	< 25	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 20	< 40	< 20	< 20	< 20	< 10	< 20	< 25	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA

See Notes on Last Page.

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-65												MW-66										
Screen Interval (ft. bgs):			16-21												15-20										
Date:	Unit		4/25/2017	8/2/2017	11/8/2017	2/6/2018	5/10/2018	8/8/2018	10/30/2018	2/28/2019	6/12/2019	9/18/2019	11/5/2019	2/4/2020	4/25/2017	8/2/2017	11/13/2017	2/12/2018	5/10/2018	8/8/2018	11/2/2018	3/4/2019	6/10/2019	9/19/2019	11/5/2019	2/10/2020
Methyl-tert-butyl ether	µg/l	40	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 4.0	< 8.0	< 4.0	< 4.0	< 4.0	< 2.0	< 4.0	< 5.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	**61**	**49**	**48**	**36**	**41**	**35**	**48**	**34**	**41**	**25**	**45**	**20**	**5.6**	**5.4**	**3.0**	**2.7**	**2.4**	**3.2**	1.2	**3.2**	1.5	< 1.0 UB	0.81 J	**2.4**
Gases																										
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																										
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																										
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-67												MW-68										
Screen Interval (ft. bgs):			9-14												15-20										
Date:	Unit		4/21/2017	7/31/2017	11/14/2017	2/12/2018	5/14/2018	8/13/2018	10/25/2018	2/28/2019	6/13/2019	9/20/2019	11/6/2019	2/13/2020	4/24/2017	8/1/2017	11/10/2017	2/12/2018	5/15/2018	8/9/2018	10/25/2018	2/27/2019	6/12/2019	9/25/2019	11/7/2019	2/12/2020
Semi-volatile Organic Compounds (SVOCs)																									
1,4-Dioxane	µg/l	350	1.8 J	< 2.0 UB	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.40 J	< 2.0 UB	0.73 J	0.54 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.57 J	< 2.0
Volatile Organic Compounds (VOCs)																									
1,1,1-Trichloroethane	µg/l	200	2.3 J	2.0 J	2.1 J	< 3.3	0.94 J	0.80 J	1.3 J	0.78 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 10	1.0 J	< 5.0	< 3.3	0.25 J	< 2.5	< 3.3	0.49 J	NA	NA	NA	NA	1.6	1.7	3.7	2.0	1.4	1.9	2.1	1.4	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	< 3.3	< 1.0	0.34 J	< 3.3	< 1.0	< 1.0	0.39 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 50	< 20	< 25	< 17	NA	< 13	< 17	< 13	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.25 J	< 1.0	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 100	< 40	< 50	< 33	< 10	< 25	< 33	< 25	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 100	< 40	< 50	< 33	< 10	< 25	< 33	< 25	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
Acetone	µg/l	2,100	< 100	< 40	< 50	< 33	< 10 UB	< 25	< 33	< 25	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
Benzene	µg/l	5.0	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Bromoform	µg/l	80	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Bromomethane	µg/l	29	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 50	< 20	< 25	< 17	< 5.0	< 13	< 17	< 13	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0 J	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5 J	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Chloroform	µg/l	80	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	47	36	15	9.6	5.7	4.5	5.6	5.6	< 3.3	8.9	9.7	4.8	20	18	13	13	10	13	17	31	31	32	40	34
cis-1,3-Dichloropropene	µg/l	NS	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 50	< 20	< 25	1.8 J	< 5.0	< 13	< 17	< 13	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 20	< 8.0	< 10	< 6.7	< 2.0	< 5.0	< 6.7	< 5.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 100	< 40	< 50	< 33	< 10	< 25	< 33	< 25	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 100	< 40	< 50	< 33	< 10	< 25	< 33	< 25	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10 J	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-67												MW-68										
Screen Interval (ft. bgs):			9-14												15-20										
Date:	Unit		4/21/2017	7/31/2017	11/14/2017	2/12/2018	5/14/2018	8/13/2018	10/25/2018	2/28/2019	6/13/2019	9/20/2019	11/6/2019	2/13/2020	4/24/2017	8/1/2017	11/10/2017	2/12/2018	5/15/2018	8/9/2018	10/25/2018	2/27/2019	6/12/2019	9/25/2019	11/7/2019	2/12/2020
Methyl-tert-butyl ether	µg/l	40	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	< 3.3	< 1.0	< 1.0	< 3.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 20	< 8.0	< 10	< 6.7	< 2.0	< 5.0	< 6.7	< 5.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 10	2.4 J	1.7 J	1.1 J	0.75 J	0.78 J	0.88 J	1.4 J	< 3.3	1.7	1.7	0.79 J	1.9	1.9	1.5	1.8	1.4	1.7	2.1	3.6	4.0	4.2	5.3	4.0
trans-1,3-Dichloropropene	µg/l	NS	< 10	< 4.0	< 5.0	< 3.3	< 1.0	< 2.5	< 3.3	< 2.5	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	**94**	**91**	**110**	**83**	**57**	**60**	**69**	**41**	< 3.3	**70**	**70**	**45**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	0.26 J	< 1.0 UB	0.50 J	0.52 J
Vinyl chloride	µg/l	2.0	**14**	< 4.0	< 5.0	< 3.3	1.3	< 2.5	< 3.3	1.7 J	< 3.3	0.72 J	0.91 J	< 3.3	**12**	**2.1**	**18**	**2.5**	**2.1**	**2.2**	**2.1**	**17**	**19**	**6.8**	**17**	**10**
Gases																										
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																										
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																										
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-69											MW-70										
Screen Interval (ft. bgs):			15-20											15-20										
Date:	Unit		4/25/2017	11/10/2017	2/14/2018	5/10/2018	8/13/2018	11/6/2018	2/28/2019	6/12/2019	9/23/2019	11/21/2019	2/3/2020	4/24/2017	8/1/2017	11/13/2017	2/12/2018	5/14/2018	8/9/2018	11/2/2018	2/26/2019	6/11/2019	9/26/2019	11/7/2019	2/7/2020
Semi-volatile Organic Compounds (SVOCs)																								
1,4-Dioxane	µg/l	350	12	35	23	7.3	7.1	12	5.0	6.7	5.3	4.1	5.0	0.76 J	< 2.0 UB	1.1 J	0.91 J	3.0	1.6 J	2.2	6.5	3.9	4.2	5.2	4.5
Volatile Organic Compounds (VOCs)																								
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10 J	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	2.4 J	3.3 J	3.4 J	< 13	2.2 J	< 13	2.5 J	2.3 J	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 6.7	< 10	< 10	< 13	2.1 J	< 13	1.3 J	< 10	< 10	< 5.0	1.5	< 13
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 33	< 50	< 50	< 67	NA	< 63	< 20	< 50	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3 UB	< 13	< 4.0	< 10	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3 UB	< 13	< 4.0	< 10	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 67	< 100	< 100	< 130	< 33	< 130	< 40	< 100 J	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 67	< 100	< 100	< 130	< 33	< 130	< 40	< 100 J	NA	NA	NA	NA
Acetone	µg/l	2,100	4.4 J	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 67	< 100	< 100	< 130	< 33 UB	< 130	< 40	< 100	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10 J	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 33	< 50	< 50	< 67	< 17	< 63	< 20	< 50	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.19 J	0.23 J	0.22 J	0.30 J	0.22 J	**190**	**200**	**200**	**230**	**260**	**200**	**250**	**290**	**150**	**220**	**300**	**260**
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	**8.9 J**	< 50	< 50	< 67	< 17	< 63	< 20	< 50	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 13	< 20	< 20	< 27	< 6.7	< 25	< 8.0 UB	< 20	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 67	< 100	< 100	< 130	< 33	< 130	< 40	< 100 J	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 67	< 100	< 100	< 130	< 33	< 130	< 40	< 100 J	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-69											MW-70										
Screen Interval (ft. bgs):			15-20											15-20										
Date:	Unit		4/25/2017	11/10/2017	2/14/2018	5/10/2018	8/13/2018	11/6/2018	2/28/2019	6/12/2019	9/23/2019	11/21/2019	2/3/2020	4/24/2017	8/1/2017	11/13/2017	2/12/2018	5/14/2018	8/9/2018	11/2/2018	2/26/2019	6/11/2019	9/26/2019	11/7/2019	2/7/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10 J	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	< 10	< 5.0	< 1.0	< 13
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 13	< 20	< 20	< 27	< 6.7	< 25	< 8.0	< 20	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3.8 J	4.2 J	5.1 J	4.4 J	3.0 J	3.3 J	4.4	3.8 J	2.4 J	2.1 J	3.2	< 13
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 6.7	< 10	< 10	< 13	< 3.3	< 13	< 4.0	< 10	< 10	< 5.0	< 1.0	< 13
Vinyl chloride	µg/l	2.0	**2.8**	< 1.0	< 1.0	**3.3**	**2.7**	1.4	**4.1**	**3.6**	**3.5**	**4.2**	**3.5**	**120**	**100**	**140**	**160**	**210**	**190**	**210**	**350**	**230**	**340**	**440**	**370**
Gases																									
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																									
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																									
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:			MW-71											MW-113					MW-114					MW-120				
Screen Interval (ft. bgs):			15-20											5-10					5-10					7-12				
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	4/24/2017	8/1/2017	11/13/2017	2/12/2018	5/8/2018	8/9/2018	11/6/2018	2/27/2019	6/11/2019	9/27/2019	11/7/2019	2/12/2020	4/23/2019	6/12/2019	9/25/2019	11/15/2019	2/18/2020	4/23/2019	6/13/2019	9/25/2019	11/15/2019	2/18/2020	4/23/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020
Semi-volatile Organic Compounds (SVOCs)																												
1,4-Dioxane	µg/l	350	4.3	1.4 J	0.72 J	0.57 J	0.38 J	0.95 J	1.1 J	< 2.0	1.6 J	1.3 J	1.3 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																												
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.16 J	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	0.39 J	0.37 J	0.40 J	0.34 J	0.36 J	0.30 J	0.42 J	0.41 J	0.61 J	0.46 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:			MW-71											MW-113					MW-114					MW-120				
Screen Interval (ft. bgs):			15-20											5-10					5-10					7-12				
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	4/24/2017	8/1/2017	11/13/2017	2/12/2018	5/8/2018	8/9/2018	11/6/2018	2/27/2019	6/11/2019	9/27/2019	11/7/2019	2/12/2020	4/23/2019	6/12/2019	9/25/2019	11/15/2019	2/18/2020	4/23/2019	6/13/2019	9/25/2019	11/15/2019	2/18/2020	4/23/2019	6/15/2019	9/28/2019	11/23/2019	2/8/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3.7	4.3	**5.9**	4.8	2.8
Vinyl chloride	µg/l	2.0	< 1.0	0.68 J	0.83 J	0.59 J	0.59 J	< 1.0	0.31 J	0.40 J	0.77 J	0.41 J	0.83 J	0.29 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Gases																													
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																													
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																													
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-122			MW-124					MW-194		MW-194S		MW-195S		MW-196		MW-196S		MW-197S		MW-198		MW-198S		MW-199S	
Screen Interval (ft. bgs):			16-21			5-10					12-17		2-7		2-7		12-17		2-7		3-8		12-17		2.5-7.5		2-7	
Date:	Unit		9/25/2019	11/20/2019	2/13/2020	4/23/2019	6/13/2019	9/30/2019	11/15/2019	2/20/2020	11/20/2019	2/10/2020	11/20/2019	2/10/2020	11/20/2019	2/10/2020	11/20/2019	2/11/2020	11/20/2019	2/11/2020	11/25/2019	2/11/2020	11/25/2019	2/12/2020	11/20/2019	2/12/2020	11/25/2019	2/12/2020
Semi-volatile Organic Compounds (SVOCs)																												
1,4-Dioxane	µg/l	350	1.9 J	0.93 J	1.3 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	1.5 J	1.7 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	2.6	2.9
Volatile Organic Compounds (VOCs)																												
1,1,1-Trichloroethane	µg/l	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 100	0.73 J	< 25	< 1.0	< 1.0	< 1.0	0.23 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	µg/l	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/l	29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	µg/l	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	µg/l	1,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	µg/l	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	µg/l	1,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	1.7	1.8	2.1	2.3	1.8	< 1.0	< 1.0	< 1.0	< 1.0	**120**	**82 J**	**210**	**250**	68	51	10	14	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	µg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl ether	µg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	µg/l	74	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Screen Interval (ft. bgs): / Date:	Unit	EGLE Non-Residential Drinking Water Criteria	MW-122 16-21			MW-124 5-10					MW-194 12-17		MW-194S 2-7		MW-195S 2-7		MW-196 12-17		MW-196S 2-7		MW-197S 3-8		MW-198 12-17		MW-198S 2.5-7.5		MW-199S 2-7	
			9/25/2019	11/20/2019	2/13/2020	4/23/2019	6/13/2019	9/30/2019	11/15/2019	2/20/2020	11/20/2019	2/10/2020	11/20/2019	2/10/2020	11/20/2019	2/10/2020	11/20/2019	2/11/2020	11/20/2019	2/11/2020	11/25/2019	2/11/2020	11/25/2019	2/12/2020	11/20/2019	2/12/2020	11/25/2019	2/12/2020
Methyl-tert-butyl ether	µg/l	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 100	< 2.0	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	0.19 J	0.26 J	0.24 J	0.27 J	0.20 J	< 1.0	< 1.0	< 1.0	< 1.0	**150**	100	55	65	1.7	1.3	0.43 J	0.89 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**3,400**	**2,300**	**490**	**520**	**78**	**39**	**14**	**31**	< 1.0	< 1.0	0.43 J	0.27 J	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	**2.4**	**2.6**	**2.1**	0.32 J	0.40 J	< 1.0	0.19 J	0.27 J	< 1.0	< 1.0	< 1.0	< 1.0	**16**	< 100	< 2.0	< 25	< 1.0	< 1.0	**2.1**	**2.2**	< 1.0	< 1.0	< 1.0	< 1.0	0.33 J	0.32 J
Gases																												
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																												
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																												
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:			MW-200		MW-200S		MW-201		MW-201S		MW-208S	MW-209S	MW-210S	MW-211S	MW-212S	MW-213S	MW-218S	MW-219S	MW-220S	MW-221S	MW-222S	MW-224S
Screen Interval (ft. bgs):			15-20		5-10		17-22		3.5-8.5		9-14	8-13	8-13	7-12	6.5-11.5	6-11	9-14	7-12	6-11	6.5-11.5	5.5-10.5	7-12
Date:	Unit	EGLE Non-Residential Drinking Water Criteria	11/21/2019	2/12/2020	11/21/2019	2/12/2020	11/19/2019	2/13/2020	11/19/2019	2/10/2020	2/8/2020	2/8/2020	2/8/2020	2/8/2020	2/8/2020	2/8/2020	2/20/2020	2/6/2020	2/4/2020	2/4/2020	2/6/2020	2/4/2020
Semi-volatile Organic Compounds (SVOCs)																						
1,4-Dioxane	µg/l	350	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																						
1,1,1-Trichloroethane	µg/l	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/l	2,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	µg/l	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/l	29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	µg/l	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	µg/l	1,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	µg/l	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	µg/l	1,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	0.17 J	8.6	< 1.0	1.5	0.76 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	µg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	µg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl ether	µg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	µg/l	74	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	MW-200		MW-200S		MW-201		MW-201S		MW-208S	MW-209S	MW-210S	MW-211S	MW-212S	MW-213S	MW-218S	MW-219S	MW-220S	MW-221S	MW-222S	MW-224S
Screen Interval (ft. bgs):			15-20		5-10		17-22		3.5-8.5		9-14	8-13	8-13	7-12	6.5-11.5	6-11	9-14	7-12	6-11	6.5-11.5	5.5-10.5	7-12
Date:	Unit		11/21/2019	2/12/2020	11/21/2019	2/12/2020	11/19/2019	2/13/2020	11/19/2019	2/10/2020	2/8/2020	2/8/2020	2/8/2020	2/8/2020	2/8/2020	2/8/2020	2/20/2020	2/6/2020	2/4/2020	2/4/2020	2/6/2020	2/4/2020
Methyl-tert-butyl ether	µg/l	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	790	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	µg/l	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	0.98 J	< 1.0	0.20 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	0.29 J	**12**	< 1.0	0.84 J	0.79 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Gases																						
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																						
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																						
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Screen Interval (ft. bgs): / Date:	Unit	EGLE Non-Residential Drinking Water Criteria	PW-16-01 9.7-19.7											PW-16-02 6-21										
			8/2/2017	11/7/2017	2/7/2018	5/15/2018	8/6/2018	10/30/2018	2/26/2019	6/10/2019	9/24/2019	11/11/2019	2/7/2020	8/3/2017	11/8/2017	2/14/2018	5/11/2018	8/8/2018	10/30/2018	2/25/2019	6/11/2019	9/27/2019	11/14/2019	2/4/2020
Semi-volatile Organic Compounds (SVOCs)																								
1,4-Dioxane	µg/l	350	< 2.0	14	0.76 J	< 2.0	< 2.0	1.3 J	< 2.0	3.0	1.3 J	< 2.0	< 2.0	< 2.0 UB	< 2.0	< 2.0	< 2.0	1.5 J	1.4 J	< 2.0	< 2.0	1.4 J	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																								
1,1,1-Trichloroethane	µg/l	200	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0 J	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0 J	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	< 100	< 100	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0
1,2,3-Trimethylbenzene	µg/l	NS	< 5.0	< 1,000	< 71	< 71	< 200	< 200	< 5.0	NA	NA	NA	NA	< 25	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 5.0	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0 J	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0 J	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 10	< 2,000	< 140	< 140	< 400	< 400	< 10 J	NA	NA	NA	NA	< 50	< 10	< 10	< 10	< 10	< 20	< 10 J	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 10	< 2,000	< 140	< 140	< 400	< 400	< 10 J	NA	NA	NA	NA	< 50	< 10	< 10	< 10	< 10	< 20	< 10 J	NA	NA	NA	NA
Acetone	µg/l	2,100	< 10	< 2,000	< 140	32 J	< 400	< 400	< 10	NA	NA	NA	NA	< 50	< 10	< 10	< 10	< 10	< 20	< 10	NA	NA	NA	NA
Benzene	µg/l	5.0	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Bromoform	µg/l	80	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0 J	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0 J	NA	NA	NA	NA
Bromomethane	µg/l	29	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 5.0	< 1,000	< 71	< 71	< 200	< 200	< 5.0	NA	NA	NA	NA	< 25	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 5.0	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0 J	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Chloroethane	µg/l	1,700	0.55 J	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Chloroform	µg/l	80	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	2.2	**550**	**82**	7.1 J	**180**	**250**	0.51 J	**300**	**310**	67	0.77 J	63	2.3	12	< 1.0	11	11	1.9	< 1.0	20	0.67 J	0.44 J
cis-1,3-Dichloropropene	µg/l	NS	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 5.0	< 1,000	< 71 UB	**8.6 J**	< 200	< 200	< 5.0	NA	NA	NA	NA	< 25	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 5.0	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 2.0	< 400	< 29	< 29	< 80	< 80	< 2.0	NA	NA	NA	NA	< 10	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 10	< 2,000	< 140	< 140	< 400	< 400	< 10	NA	NA	NA	NA	< 50	< 10	< 10	< 10	< 10	< 20	< 10	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 10	< 2,000	< 140	< 140	< 400	< 400	< 10 J	NA	NA	NA	NA	< 50	< 10	< 10	< 10	< 10	< 20	< 10 J	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	PW-16-01											PW-16-02										
Screen Interval (ft. bgs):			9.7-19.7											6-21										
Date:	Unit		8/2/2017	11/7/2017	2/7/2018	5/15/2018	8/6/2018	10/30/2018	2/26/2019	6/10/2019	9/24/2019	11/11/2019	2/7/2020	8/3/2017	11/8/2017	2/14/2018	5/11/2018	8/8/2018	10/30/2018	2/25/2019	6/11/2019	9/27/2019	11/14/2019	2/4/2020
Methyl-tert-butyl ether	µg/l	40	< 1.0	< 200	< 14	< 14 J	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	0.35 J	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	< 100	< 100	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0
Toluene	µg/l	790	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 2.0	< 400	< 29	< 29	< 80	< 80	< 2.0	NA	NA	NA	NA	< 10	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 1.0	< 200	5.4 J	< 14	< 40	10 J	< 1.0	< 100	< 100	3.7	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	µg/l	NS	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 1.0	< 200	< 14	< 14	< 40	< 40	< 1.0	< 100	< 100	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0
Vinyl chloride	µg/l	2.0	**24**	**5,300**	**160**	**37 J**	**870**	**1,400**	0.92 J	**2,100**	**2,000**	**450**	1.8	**160**	2.0	**18**	< 1.0	**71**	**62**	0.94 J	< 1.0	**59**	0.40 J	< 1.0
Gases																								
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																								
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																								
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Screen Interval (ft. bgs): / Date:	Unit	EGLE Non-Residential Drinking Water Criteria	TW-16-01 12-17											TW-16-02 12-17											
			8/2/2017	11/7/2017	2/7/2018	5/15/2018	8/6/2018	10/30/2018	2/26/2019	6/10/2019	9/24/2019	11/11/2019	2/7/2020	4/25/2017	8/2/2017	11/7/2017	2/14/2018	5/11/2018	8/6/2018	10/30/2018	2/26/2019	6/10/2019	9/24/2019	11/11/2019	2/3/2020
Semi-volatile Organic Compounds (SVOCs)																									
1,4-Dioxane	µg/l	350	< 2.0 UB	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 UB	< 2.0	< 2.0	< 2.0	7.2	3.9	5.8	3.9	5.0	2.7	5.3	4.6	2.8	2.2	2.0	1.8 J
Volatile Organic Compounds (VOCs)																									
1,1,1-Trichloroethane	µg/l	200	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 10	< 13	< 33	< 33	< 25	< 25	< 100 J	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330 J	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 10	< 13	< 33	< 33	< 25	< 25	< 100	< 33	< 20	0.57 J	< 13	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	< 250	< 330	**15 J**	< 330
1,2,3-Trimethylbenzene	µg/l	NS	< 50	< 63	< 170	< 170	< 130	< 130	< 500	NA	NA	NA	NA	< 3,100	< 2,500	< 2,000	< 5,000	< 2,500	< 1,300	< 2,500	< 1,700	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 10	< 13	< 33	< 33	< 25	< 25	< 100 J	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330 J	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 100	< 130	< 330	< 330	< 250	< 250	< 1,000 J	NA	NA	NA	NA	< 6,300	< 5,000	< 4,000	< 10,000	< 5,000	< 2,500	< 5,000	< 3,300 J	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 100	< 130	< 330	< 330	< 250	< 250	< 1,000 J	NA	NA	NA	NA	< 6,300	< 5,000	< 4,000	< 10,000	< 5,000	< 2,500	< 5,000	< 3,300 J	NA	NA	NA	NA
Acetone	µg/l	2,100	< 100	< 130	< 330	68 J	< 250	< 250	< 1,000	NA	NA	NA	NA	< 6,300	< 5,000	< 4,000	< 10,000	< 5,000	< 2,500	< 5,000	< 3,300	NA	NA	NA	NA
Benzene	µg/l	5.0	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Bromoform	µg/l	80	< 10	< 13	< 33	< 33	< 25	< 25	< 100 J	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330 J	NA	NA	NA	NA
Bromomethane	µg/l	29	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 50	< 63	< 170	< 170	< 130	< 130	< 500	NA	NA	NA	NA	< 3,100	< 2,500	< 2,000	< 5,000	< 2,500	< 1,300	< 2,500	< 1,700	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Chloroform	µg/l	80	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	17	32	34	68	**140**	**180**	**150**	**140**	**170**	**180**	**91**	**5,200**	**3,100**	**6,000**	**3,500**	**4,400**	**4,100**	**6,900**	**7,700**	**3,000**	**2,800**	**3,300**	**2,200**
cis-1,3-Dichloropropene	µg/l	NS	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 50	< 63 UB	< 170 UB	**20 J**	< 130	< 130	< 500	NA	NA	NA	NA	< 3,100 UB	< 2,500	< 2,000	< 5,000	< 2,500	< 1,300	< 2,500	< 1,700	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 20	< 25	< 67	< 67	< 50	< 50	< 200	NA	NA	NA	NA	< 1,300	< 1,000	< 800	< 2,000	< 1,000	< 500	< 1,000	< 670	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 100	< 130	< 330	< 330	< 250	< 250	< 1,000 J	NA	NA	NA	NA	< 6,300	< 5,000	< 4,000	< 10,000	< 5,000	< 2,500	< 5,000	< 3,300 J	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 100	< 130	< 330	< 330	< 250	< 250	< 1,000 J	NA	NA	NA	NA	< 6,300	< 5,000	< 4,000	< 10,000	< 5,000	< 2,500	< 5,000	< 3,300 J	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA

See Notes on Last Page.

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	TW-16-01											TW-16-02										
Screen Interval (ft. bgs):			12-17											12-17										
Date:	Unit		8/2/2017	11/7/2017	2/7/2018	5/15/2018	8/6/2018	10/30/2018	2/26/2019	6/10/2019	9/24/2019	11/11/2019	2/7/2020	4/25/2017	8/2/2017	11/7/2017	2/14/2018	5/11/2018	8/6/2018	10/30/2018	2/26/2019	6/10/2019	9/24/2019	11/11/2019	2/3/2020
Methyl-tert-butyl ether	µg/l	40	< 10	< 13	< 33	< 33 J	< 25	< 25	< 100 J	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330 J	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 10	< 13	< 33	< 33	< 25	< 25	< 100	< 33	< 20	< 1.0	< 13	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	< 250	< 330	< 25	< 330
Toluene	µg/l	790	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 20	< 25	< 67	< 67	< 50	< 50	< 200	NA	NA	NA	NA	< 1,300	< 1,000	< 800	< 2,000	< 1,000	< 500	< 1,000	< 670	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 10	< 13	< 33	11 J	7.5 J	14 J	22 J	8.0 J	< 20	4.9	< 13	< 630	< 500	< 400	< 1,000	< 500	56 J	< 500	**130 J**	< 250	< 330	48	< 330
trans-1,3-Dichloropropene	µg/l	NS	< 10	< 13	< 33	< 33	< 25	< 25	< 100	NA	NA	NA	NA	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 10	< 13	< 33	< 33	< 25	< 25	**15 J**	< 33	< 20	< 1.0	< 13	< 630	< 500	< 400	< 1,000	< 500	< 250	< 500	< 330	< 250	< 330	< 25	< 330
Vinyl chloride	µg/l	2.0	**210**	**320**	**380**	**720**	**680**	**830**	**750**	**550**	**420**	**480**	**370**	**15,000**	**12,000**	**13,000**	**9,100**	**8,500**	**7,300**	**12,000**	**8,900**	**5,800**	**7,600**	**5,700**	**7,000**
Gases																									
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																									
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																									
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	TW-16-03											TW-16-04										
Screen Interval (ft. bgs):			9-19											9-19										
Date:	Unit		8/3/2017	11/8/2017	2/14/2018	5/11/2018	8/8/2018	10/30/2018	2/25/2019	6/11/2019	9/27/2019	11/14/2019	2/11/2020	4/25/2017	8/3/2017	11/8/2017	2/14/2018	5/11/2018	8/8/2018	10/30/2018	2/25/2019	6/11/2019	9/27/2019	11/14/2019	2/4/2020
Semi-volatile Organic Compounds (SVOCs)																								
1,4-Dioxane	µg/l	350	< 2.0 UB	< 2.0	< 2.0	< 2.0	1.0 J	1.1 J	< 2.0	< 2.0	0.93 J	0.43 J	< 2.0	1.7 J	< 2.0 UB	0.89 J	< 2.0	< 2.0	1.2 J	1.5 J	1.2 J	1.1 J	< 2.0	0.86 J	< 2.0
Volatile Organic Compounds (VOCs)																								
1,1,1-Trichloroethane	µg/l	200	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	µg/l	35	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7 J	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	µg/l	170,000	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/l	5.0	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
1,1-Dichloroethane	µg/l	2,500	< 4.0	< 3.3	< 10	< 2.5	0.44 J	< 6.7	0.43 J	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	0.50 J	< 3.3	< 3.3	NA	NA	NA	NA
1,1-Dichloroethene	µg/l	7.0	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	< 2.5	< 2.5	< 1.0	< 2.5
1,2,3-Trimethylbenzene	µg/l	NS	< 20	< 17	< 50	< 13	< 10	< 33	< 8.4	NA	NA	NA	NA	< 20	< 20	< 33	< 33	< 13	< 5.0	< 17	< 17	NA	NA	NA	NA
1,2,4-Trichlorobenzene	µg/l	70	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
1,2,4-Trimethylbenzene	µg/l	63	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	µg/l	0.2	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
1,2-Dibromoethane	µg/l	0.05	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
1,2-Dichlorobenzene	µg/l	600	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
1,2-Dichloroethane	µg/l	5.0	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
1,2-Dichloropropane	µg/l	5.0	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
1,3,5-Trimethylbenzene	µg/l	72	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
1,3-Dichlorobenzene	µg/l	19	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/l	75	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
2-Butanone (MEK)	µg/l	38,000	< 40	< 33	< 100	< 25	< 20	< 67	< 17 J	NA	NA	NA	NA	< 40	< 40	< 67	< 67	< 25	< 10	< 33	< 33	NA	NA	NA	NA
4-Methyl-2-Pentanone (MIBK)	µg/l	5,200	< 40	< 33	< 100	< 25	< 20	< 67	< 17 J	NA	NA	NA	NA	< 40	< 40	< 67	< 67	< 25	< 10	< 33	< 33	NA	NA	NA	NA
Acetone	µg/l	2,100	< 40	< 33	< 100	< 25	< 20	< 67	< 17	NA	NA	NA	NA	< 40	< 40	< 67	< 67	< 25	5.5 J	< 33	< 33	NA	NA	NA	NA
Benzene	µg/l	5.0	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
Bromodichloromethane	µg/l	80	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
Bromoform	µg/l	80	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7 J	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
Bromomethane	µg/l	29	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
Carbon Disulfide	µg/l	2,300	< 20	< 17	< 50	< 13	< 10	< 33	< 8.4	NA	NA	NA	NA	< 20	< 20	< 33	< 33	< 13	< 5.0	< 17	< 17	NA	NA	NA	NA
Carbon Tetrachloride	µg/l	5.0	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
Trichlorofluoromethane (CFC-11)	µg/l	7,300	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
Dichlorodifluoromethane (CFC-12)	µg/l	4,800	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
Chlorobenzene	µg/l	100	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
Chlorodibromomethane	µg/l	80	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
Chloroethane	µg/l	1,700	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
Chloroform	µg/l	80	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
Chloromethane	µg/l	1,100	< 4.0	< 3.3 J	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7 J	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	70	37	36	40	39	36	42	33	14	35	52	33	20	18	23	25	20	21	20	14	14	13	20	12
cis-1,3-Dichloropropene	µg/l	NS	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
Cyclohexane	µg/l	NS	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
Dichloromethane	µg/l	5.0	< 20	< 17	< 50	< 13	< 10	< 33	< 8.4	NA	NA	NA	NA	< 20 UB	< 20	< 33	< 33	< 13	< 5.0	< 17	< 17	NA	NA	NA	NA
Diethyl ether	µg/l	10	< 8.0	< 6.7	< 20	< 5.0	< 4.0	< 13	< 3.3	NA	NA	NA	NA	< 8.0	< 8.0	< 13	< 13	< 5.0	< 2.0	< 6.7	< 6.7	NA	NA	NA	NA
Ethylbenzene	µg/l	74	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
Isopropylbenzene	µg/l	2,300	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
Methyl Acetate	µg/l	NS	< 40	< 33	< 100	< 25	< 20	< 67	< 17	NA	NA	NA	NA	< 40	< 40	< 67	< 67	< 25	< 10	< 33	< 33	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	2,900	< 40	< 33	< 100	< 25	< 20	< 67	< 17 J	NA	NA	NA	NA	< 40	< 40	< 67	< 67	< 25	< 10	< 33	< 33	NA	NA	NA	NA
Methylcyclohexane	µg/l	NS	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Non-Residential Drinking Water Criteria	TW-16-03											TW-16-04										
Screen Interval (ft. bgs):			9-19											9-19										
Date:	Unit		8/3/2017	11/8/2017	2/14/2018	5/11/2018	8/8/2018	10/30/2018	2/25/2019	6/11/2019	9/27/2019	11/14/2019	2/11/2020	4/25/2017	8/3/2017	11/8/2017	2/14/2018	5/11/2018	8/8/2018	10/30/2018	2/25/2019	6/11/2019	9/27/2019	11/14/2019	2/4/2020
Methyl-tert-butyl ether	µg/l	40	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
Styrene (Monomer)	µg/l	100	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
Tetrachloroethene	µg/l	5.0	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	< 2.5	< 2.5	< 1.0	< 2.5
Toluene	µg/l	790	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
Total Xylenes	µg/l	280	< 8.0	< 6.7	< 20	< 5.0	< 4.0	< 13	< 3.3	NA	NA	NA	NA	< 8.0	< 8.0	< 13	< 13	< 5.0	< 2.0	< 6.7	< 6.7	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	100	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	< 2.5	< 2.5	< 1.0	< 2.5
trans-1,3-Dichloropropene	µg/l	NS	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	NA	NA	NA	NA	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	NA	NA	NA	NA
Trichloroethene	µg/l	5.0	< 4.0	< 3.3	< 10	< 2.5	< 2.0	< 6.7	< 1.7	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 4.0	< 6.7	< 6.7	< 2.5	< 1.0	< 3.3	< 3.3	< 2.5	< 2.5	< 1.0	< 2.5
Vinyl chloride	µg/l	2.0	**100**	**77**	**95**	**78**	**76**	**97**	**48**	**20**	**53**	**87**	**82**	**150**	**120**	**100**	**77**	**65**	**63**	**90**	**65**	**51**	**49**	**46**	**22**
Gases																									
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other																									
Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																									
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 2
On-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Notes:
Results are compared to EGLE Part 201 Generic Cleanup Criteria, June 2018.

Bold	Result denotes exceedance of EGLE Non-Residential Drinking Water Criteria.
<	Denotes not detected above reporting limit.

Abbreviations:

EGLE	Michigan Department of Environment, Great Lakes, and Energy
ft. bgs	feet below ground surface
J	estimated result
UB	Analyte considered non-detect at the value listed due to associated blank contamination
NA	not analyzed/not available
NA*	result not reported due to laboratory instrument calibration
NS	no standard / not sampled
mg/l	milligrams per liter
µg/l	micrograms per liter

Analytical Methods:
8260B SIM for Semi-volatile Organic Compounds (SVOCs)
8260B for Volatile Organic Compounds (VOCs)
RSK-175 for Dissolved Gases
6020 for Metals
5310C-2000 for Dissolved Organic Carbon (DOC)/Total Organic Carbon/Persulfate
9056A for Anions

This document is a DRAFT document that has not received approval from the Michigan Department of Environment, Great Lakes, and Energy (EGLE). This document was prepared pursuant to a court Consent Decree. The opinions, findings, and conclusions expressed are those of the authors and not those of EGLE.

Table 3
Off-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Well ID	TOC Elevation (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-72	668.81	15.0-20.0	05/22/17	NP	6.98	19.31	NA	661.83	661.83
			07/24/17	NP	8.60	19.60	NA	660.21	660.21
			11/06/17	NP	9.20	19.54	NA	659.61	659.61
			02/05/18	NP	8.58	19.86	NA	660.23	660.23
			05/07/18	NP	6.83	19.63	NA	661.98	661.98
			08/16/18	NP	8.68	NM	NA	660.13	660.13
			11/19/18	NP	7.72	19.64	NA	661.09	661.09
			02/22/19	NP	7.48	19.61	NA	661.33	661.33
			06/14/19	NP	6.86	19.65	NA	661.95	661.95
			09/26/19	NP	9.98	19.63	NA	658.83	658.83
			11/04/19	NP	8.57	19.62	NA	660.24	660.24
			02/05/20	NP	7.23	NM	NA	661.58	661.58
MW-72S	668.96	3.0-13.0	03/05/19	NP	7.56	13.05	NA	661.40	661.40
			06/14/19	NP	7.00	13.03	NA	661.96	661.96
			09/26/19	NP	9.32	13.03	NA	659.64	659.64
			11/04/19	NP	8.76	13.03	NA	660.20	660.20
			02/05/20	NP	7.42	NM	NA	661.54	661.54
MW-73S	666.89	7.0-12.0	05/22/17	NP	4.72	11.31	NA	662.17	662.17
			07/24/17	NP	6.38	11.48	NA	660.51	660.51
			11/06/17	NP	6.94	11.42	NA	659.95	659.95
			02/05/18	NP	6.30	11.62	NA	660.59	660.59
			05/07/18	NP	4.77	11.55	NA	662.12	662.12
			08/16/18	NP	6.25	NM	NA	660.64	660.64
			11/19/18	NP	5.45	11.54	NA	661.44	661.44
			12/10/18	Monitoring Well Abandoned					
MW-73SR	667.00	2.5-12.5	02/22/19	NP	5.56	12.38	NA	661.44	661.44
			06/14/19	NP	4.80	12.40	NA	662.20	662.20
			09/26/19	NP	6.82	12.49	NA	660.18	660.18
			11/04/19	NP	6.43	12.40	NA	660.57	660.57
			02/05/20	NP	5.36	NM	NA	661.64	661.64
MW-73D	667.03	13.5-18.5	05/22/17	NP	4.98	17.21	NA	662.05	662.05
			07/24/17	NP	6.64	17.47	NA	660.39	660.39
			11/06/17	NP	7.22	17.38	NA	659.81	659.81
			02/05/18	NP	6.54	17.52	NA	660.49	660.49
			05/07/18	NP	5.02	17.36	NA	662.01	662.01
			08/16/18	NP	6.49	NM	NA	660.54	660.54
			11/19/18	NP	5.73	17.35	NA	661.30	661.30
			02/22/19	NP	5.54	17.37	NA	661.49	661.49
			06/14/19	NP	4.79	17.37	NA	662.24	662.24
			09/26/19	NP	7.84	17.39	NA	659.19	659.19
			11/04/19	NP	6.39	17.38	NA	660.64	660.64
			02/05/20	NP	5.34	NM	NA	661.69	661.69

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Table 3
Off-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Well ID	TOC Elevation (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-74	667.90	14.0-19.0	05/22/17	NP	5.94	18.52	NA	661.96	661.96
			07/24/17	NP	7.47	18.81	NA	660.43	660.43
			11/06/17	NP	8.12	18.76	NA	659.78	659.78
			02/05/18	NP	7.49	18.85	NA	660.41	660.41
			05/07/18	NP	5.95	18.77	NA	661.95	661.95
			08/16/18	NP	7.38	NM	NA	660.52	660.52
			11/19/18	NP	6.25	18.77	NA	661.65	661.65
			02/22/19	NP	6.45	18.76	NA	661.45	661.45
			06/14/19	NP	5.63	18.76	NA	662.27	662.27
			09/26/19	NP	7.48	18.78	NA	660.42	660.42
			11/04/19	NP	7.31	18.78	NA	660.59	660.59
			02/05/20	NP	6.29	NM	NA	661.61	661.61
MW-74S	667.93	3.0-13.0	02/22/19	NP	6.44	12.78	NA	661.49	661.49
			06/14/19	NP	5.65	12.77	NA	662.28	662.28
			09/26/19	NP	7.49	12.76	NA	660.44	660.44
			11/04/19	NP	7.31	12.79	NA	660.62	660.62
			02/05/20	NP	6.27	NM	NA	661.66	661.66
MW-75S	666.86	5.0-10.0	05/22/17	NP	5.16	9.23	NA	661.70	661.70
			07/24/17	NP	6.15	9.48	NA	660.71	660.71
			11/06/17	NP	6.83	9.43	NA	660.03	660.03
			02/05/18	NP	6.56	9.82	NA	660.30	660.30
			05/07/18	NP	5.08	9.67	NA	661.78	661.78
			08/16/18	NP	5.81	NM	NA	661.05	661.05
			11/19/18	NP	5.47	9.62	NA	661.39	661.39
			12/10/18	Monitoring Well Abandoned					
MW-75SR	666.96	2.5-12.5	02/22/19	NP	5.60	12.38	NA	661.36	661.36
			06/14/19	NP	4.63	12.36	NA	662.33	662.33
			09/26/19	NP	6.26	12.38	NA	660.70	660.70
			11/04/19	NP	5.98	12.37	NA	660.98	660.98
			02/05/20	NP	5.34	NM	NA	661.62	661.62
MW-75D	666.89	12.0-17.0	05/22/17	NP	5.20	16.59	NA	661.69	661.69
			07/24/17	NP	6.19	16.78	NA	660.70	660.70
			11/06/17	NP	6.81	17.80	NA	660.08	660.08
			02/05/18	NP	6.59	16.83	NA	660.30	660.30
			05/07/18	NP	5.04	16.77	NA	661.85	661.85
			08/16/18	NP	6.09	NM	NA	660.80	660.80
			11/19/18	NP	5.51	17.74	NA	661.38	661.38
			02/22/19	NP	5.72	16.78	NA	661.17	661.17
			06/14/19	NP	4.57	16.74	NA	662.32	662.32
			09/26/19	NP	6.26	16.70	NA	660.63	660.63
			11/04/19	NP	5.89	16.66	NA	661.00	661.00
			02/05/20	NP	5.35	NM	NA	661.54	661.54

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Table 3
Off-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Well ID	TOC Elevation (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-76	670.10	15.0-20.0	05/22/17	NP	9.43	19.44	NA	660.67	660.67
			07/24/17	NP	10.05	19.73	NA	660.05	660.05
			11/06/17	NP	10.73	19.66	NA	659.37	659.37
			02/05/18	NP	10.89	19.71	NA	659.21	659.21
			05/07/18	NP	9.34	19.64	NA	660.76	660.76
			08/16/18	NP	9.59	NM	NA	660.51	660.51
			11/19/18	NP	9.25	19.60	NA	660.85	660.85
			02/22/19	NP	9.75	19.62	NA	660.35	660.35
			06/14/19	NP	8.56	19.61	NA	661.54	661.54
			09/26/19	NP	9.78	19.63	NA	660.32	660.32
			11/04/19	NP	9.74	19.62	NA	660.36	660.36
			02/05/20	NP	9.36	NM	NA	660.74	660.74
MW-76S	669.98	4.5-14.5	02/22/19	NP	9.64	14.15	NA	660.34	660.34
			06/14/19	NP	8.55	14.50	NA	661.43	661.43
			09/26/19	NP	9.65	14.17	NA	660.33	660.33
			11/04/19	NP	9.63	14.15	NA	660.35	660.35
			02/05/20	NP	9.24	NM	NA	660.74	660.74
MW-77	660.56	9.0-14.0	05/22/17	NP	4.59	13.45	NA	655.97	655.97
			07/24/17	NP	5.90	13.75	NA	654.66	654.66
			11/06/17	NP	6.30	13.67	NA	654.26	654.26
			02/05/18	NP	5.43	13.75	NA	655.13	655.13
			05/07/18	NP	4.28	13.70	NA	656.28	656.28
			08/16/18	NP	5.88	NM	NA	654.68	654.68
			11/19/18	NP	4.59	13.69	NA	655.97	655.97
			02/22/19	NP	4.64	13.72	NA	655.92	655.92
			06/14/19	NP	4.23	13.71	NA	656.33	656.33
			09/26/19	NP	5.97	13.72	NA	654.59	654.59
			11/04/19	NP	5.21	13.70	NA	655.35	655.35
			02/05/20	NP	4.29	NM	NA	656.27	656.27
MW-77S	660.55	2.5-12.5	02/22/19	NP	4.53	12.16	NA	656.02	656.02
			06/14/19	NP	4.12	12.14	NA	656.43	656.43
			09/26/19	NP	5.89	12.17	NA	654.66	654.66
			11/04/19	NP	5.15	12.15	NA	655.40	655.40
			02/05/20	NP	5.03	NM	NA	655.52	655.52
MW-78	657.23	7.0-12.0	05/22/17	NP	1.78	11.47	NA	655.45	655.45
			07/24/17	NP	3.55	11.79	NA	653.68	653.68
			11/06/17	NP	3.50	11.72	NA	653.73	653.73
			02/05/18	NP	3.09	11.80	NA	654.14	654.14
			05/07/18	NP	1.54	11.75	NA	655.69	655.69
			08/16/18	NP	3.53	NM	NA	653.70	653.70
			11/19/18	NP	1.68	11.71	NA	655.55	655.55
			02/22/19	NP	2.02	11.75	NA	655.21	655.21
			06/14/19	NP	1.19	11.75	NA	656.04	656.04
			09/26/19	NP	3.71	11.77	NA	653.52	653.52
			11/04/19	NP	2.70	11.76	NA	654.53	654.53
			02/05/20	NP	1.66	NM	NA	655.57	655.57
MW-78S	657.61	2.5-12.5	02/22/19	NP	2.37	12.40	NA	655.24	655.24
			06/14/19	NP	1.51	12.38	NA	656.10	656.10
			09/26/19	NP	3.45	12.41	NA	654.16	654.16
			11/04/19	NP	3.05	12.40	NA	654.56	654.56
			02/05/20	NP	1.98	NM	NA	655.63	655.63

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Table 3
Off-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Well ID	TOC Elevation (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-79S	663.10	5.0-10.0	05/22/17	NP	4.15	9.49	NA	658.95	658.95
			07/24/17	NP	6.37	9.76	NA	656.73	656.73
			11/06/17	NP	6.56	9.71	NA	656.54	656.54
			02/05/18	NP	5.46	9.78	NA	657.64	657.64
			05/07/18	NP	3.49	9.73	NA	659.61	659.61
			08/16/18	NP	6.40	NM	NA	656.70	656.70
			11/19/18	NP	4.50	9.71	NA	658.60	658.60
			12/10/18	Monitoring Well Abandoned					
MW-79SR	663.06	2.5-12.5	02/22/19	NP	4.19	12.28	NA	658.87	658.87
			06/14/19	NP	3.50	12.50	NA	659.56	659.56
			09/26/19	NP	6.52	12.26	NA	656.54	656.54
			11/04/19	NP	5.65	12.25	NA	657.41	657.41
			02/05/20	NP	3.59	NM	NA	659.47	659.47
MW-79D	663.35	10.0-15.0	05/22/17	NP	4.20	14.38	NA	659.15	659.15
			07/24/17	NP	6.45	14.66	NA	656.90	656.90
			11/06/17	NP	6.62	14.60	NA	656.73	656.73
			02/05/18	NP	5.51	14.69	NA	657.84	657.84
			05/07/18	NP	3.55	14.62	NA	659.80	659.80
			08/16/18	NP	6.49	NM	NA	656.86	656.86
			11/19/18	NP	4.58	14.60	NA	658.77	658.77
			02/22/19	NP	4.33	14.64	NA	659.02	659.02
			06/14/19	NP	3.63	14.62	NA	659.72	659.72
			09/26/19	NP	6.66	14.64	NA	656.69	656.69
			11/04/19	NP	5.80	14.63	NA	657.55	657.55
			02/05/20	NP	3.69	NM	NA	659.66	659.66
MW-80S	656.08	7.0-12.0	05/22/17	NP	2.41	11.29	NA	653.67	653.67
			07/24/17	NP	4.19	11.50	NA	651.89	651.89
			11/06/17	NP	3.41	11.53	NA	652.67	652.67
			02/05/18	NP	2.86	11.81	NA	653.22	653.22
			05/07/18	NP	1.23	11.56	NA	654.85	654.85
			08/16/18	NP	4.14	NM	NA	651.94	651.94
			11/19/18	NP	2.17	11.53	NA	653.91	653.91
			12/10/18	Monitoring Well Abandoned					
MW-80SR	656.23	2.5-12.5	03/06/19	NP	2.43	12.21	NA	653.80	653.80
			06/14/19	NP	1.39	12.24	NA	654.84	654.84
			09/26/19	NP	4.41	12.24	NA	651.82	651.82
			11/04/19	NP	2.80	12.22	NA	653.43	653.43
			02/05/20	NP	1.35	NM	NA	654.88	654.88
MW-81	657.32	8.0-13.0	05/22/17	NP	6.05	12.40	NA	651.27	651.27
			07/24/17	NP	7.24	12.70	NA	650.08	650.08
			11/06/17	NP	8.27	12.63	NA	649.05	649.05
			02/05/18	NP	7.29	12.71	NA	650.03	650.03
			05/07/18	NP	5.98	12.66	NA	651.34	651.34
			08/16/18	NP	7.40	NM	NA	649.92	649.92
			11/19/18	NP	6.62	12.64	NA	650.70	650.70
			02/22/19	NP	6.19	12.67	NA	651.13	651.13
			06/14/19	NP	5.85	12.65	NA	651.47	651.47
			09/26/19	NP	7.62	12.68	NA	649.70	649.70
			11/04/19	NP	7.31	12.68	NA	650.01	650.01
			02/05/20	NP	6.23	NM	NA	651.09	651.09

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Table 3
Off-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Well ID	TOC Elevation (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-81S	657.67	2.5-12.5	02/22/19	NP	6.49	12.52	NA	651.18	651.18
			06/14/19	NP	5.18	12.51	NA	652.49	652.49
			09/26/19	NP	7.83	12.52	NA	649.84	649.84
			11/04/19	NP	7.60	12.54	NA	650.07	650.07
			02/05/20	NP	6.26	NM	NA	651.41	651.41
MW-82S	658.63	9.0-14.0	05/22/17	NP	6.93	13.12	NA	651.70	651.70
			07/24/17	NP	8.24	11.50	NA	650.39	650.39
			11/06/17	NP	9.08	13.34	NA	649.55	649.55
			02/05/18	NP	8.32	13.44	NA	650.31	650.31
			05/07/18	NP	7.10	13.36	NA	651.53	651.53
			08/16/18	NP	8.38	NM	NA	650.25	650.25
			11/19/18	NP	7.62	13.37	NA	651.01	651.01
			12/10/18	Monitoring Well Abandoned					
MW-82SR	658.92	5.0-15.0	02/22/19	NP	7.47	16.12	NA	651.45	651.45
			06/14/19	NP	6.85	15.10	NA	652.07	652.07
			09/26/19	NP	8.65	16.12	NA	650.27	650.27
			11/04/19	NP	8.27	16.12	NA	650.65	650.65
			02/05/20	NP	6.94	NM	NA	651.98	651.98
MW-82D	658.45	18.0-23.0	05/22/17	NP	7.34	22.45	NA	651.11	651.11
			07/24/17	NP	8.50	22.80	NA	649.95	649.95
			11/06/17	NP	9.41	22.72	NA	649.04	649.04
			02/05/18	NP	8.65	22.81	NA	649.80	649.80
			05/07/18	NP	7.33	22.74	NA	651.12	651.12
			08/16/18	NP	8.49	NM	NA	649.96	649.96
			11/19/18	NP	7.59	22.70	NA	650.86	650.86
			03/06/19	NP	7.65	23.00	NA	650.80	650.80
			06/14/19	NP	7.10	22.70	NA	651.35	651.35
			09/26/19	NP	8.65	22.75	NA	649.80	649.80
			11/04/19	NP	8.38	22.73	NA	650.07	650.07
			02/05/20	NP	7.16	NM	NA	651.29	651.29
MW-83	660.09	8.0-13.0	05/22/17	NP	6.46	12.11	NA	653.63	653.63
			07/24/17	NP	7.61	12.44	NA	652.48	652.48
			11/06/17	NP	8.08	12.46	NA	652.01	652.01
			02/05/18	NP	7.53	12.48	NA	652.56	652.56
			05/07/18	NP	6.28	12.43	NA	653.81	653.81
			08/16/18	NP	7.71	NM	NA	652.38	652.38
			11/19/18	NP	6.78	12.38	NA	653.31	653.31
			02/22/19	NP	6.71	12.40	NA	653.38	653.38
			06/14/19	NP	6.25	12.40	NA	653.84	653.84
			09/26/19	NP	7.95	12.41	NA	652.14	652.14
			11/04/19	NP	7.36	12.43	NA	652.73	652.73
			02/05/20	NP	6.35	NM	NA	653.74	653.74
MW-83S	660.26	3.0-13.0	02/22/19	NP	6.87	12.80	NA	653.39	653.39
			06/14/19	NP	6.41	12.80	NA	653.85	653.85
			09/26/19	NP	8.12	12.79	NA	652.14	652.14
			11/04/19	NP	7.49	12.79	NA	652.77	652.77
			02/05/20	NP	6.43	NM	NA	653.83	653.83

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Table 3
Off-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Well ID	TOC Elevation (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-84	662.50	8.0-13.0	05/22/17	NP	3.26	12.28	NA	659.24	659.24
			07/24/17	NP	5.19	12.59	NA	657.31	657.31
			11/06/17	NP	5.54	12.52	NA	656.96	656.96
			02/05/18	NP	4.60	12.60	NA	657.90	657.90
			05/07/18	NP	2.90	12.55	NA	659.60	659.60
			08/16/18	NP	5.22	NM	NA	657.28	657.28
			11/19/18	NP	3.56	12.54	NA	658.94	658.94
			02/22/19	NP	3.50	12.56	NA	659.00	659.00
			06/14/19	NP	2.71	12.50	NA	659.79	659.79
			09/26/19	NP	5.38	12.55	NA	657.12	657.12
			11/04/19	NP	4.58	12.57	NA	657.92	657.92
			02/05/20	NP	2.94	NM	NA	659.56	659.56
MW-84S	662.69	2.5-12.5	02/22/19	NP	3.67	12.71	NA	659.02	659.02
			06/14/19	NP	2.85	12.72	NA	659.84	659.84
			09/26/19	NP	5.54	12.72	NA	657.15	657.15
			11/04/19	NP	4.74	12.71	NA	657.95	657.95
			02/05/20	NP	3.36	NM	NA	659.33	659.33
MW-85	658.85	8.0-13.0	05/22/17	NP	4.71	12.43	NA	654.14	654.14
			07/24/17	NP	6.12	12.75	NA	652.73	652.73
			11/06/17	NP	6.34	12.70	NA	652.51	652.51
			02/05/18	NP	5.53	12.76	NA	653.32	653.32
			05/07/18	NP	4.16	12.69	NA	654.69	654.69
			08/16/18	NP	6.12	NM	NA	652.73	652.73
			11/19/18	NP	5.33	12.66	NA	653.52	653.52
			02/22/19	NP	4.75	12.70	NA	654.10	654.10
			06/14/19	NP	4.50	12.70	NA	654.35	654.35
			09/26/19	NP	6.32	12.69	NA	652.53	652.53
			11/04/19	NP	5.97	12.69	NA	652.88	652.88
			02/05/20	NP	4.40	NM	NA	654.45	654.45
MW-85S	NS	2.5-12.5	12/07/18	NP	5.42	12.35	NA	NA	NA
			03/01/19	Monitoring Well Abandoned					
MW-85SR	658.99	4.5-9.5	06/14/19	NP	4.70	8.45	NA	654.29	654.29
			09/26/19	NP	6.45	8.45	NA	652.54	652.54
			11/04/19	NP	6.08	8.45	NA	652.91	652.91
			02/05/20	NP	4.57	NM	NA	654.42	654.42
MW-86	666.11	12.0-17.0	05/22/17	NP	6.25	16.35	NA	652.74	652.74
			07/24/17	NP	8.07	16.66	NA	650.92	650.92
			11/06/17	NP	8.70	16.58	NA	657.41	657.41
			02/05/18	NP	7.87	16.72	NA	658.24	658.24
			05/07/18	NP	6.03	16.60	NA	660.08	660.08
			08/16/18	NP	8.06	NM	NA	658.05	658.05
			11/19/19	NP	6.66	16.59	NA	659.45	659.45
			02/22/19	NP	6.67	16.61	NA	659.44	659.44
			06/14/19	NP	5.78	16.64	NA	660.33	660.33
			09/26/19	NP	8.15	16.61	NA	657.96	657.96
			11/04/19	NP	7.60	16.62	NA	658.51	658.51
			02/05/20	NP	5.92	NM	NA	660.19	660.19
MW-86S	666.14	2.5-12.5	02/22/19	NP	6.83	12.33	NA	659.31	659.31
			06/14/19	NP	5.93	12.33	NA	660.21	660.21
			09/26/19	NP	8.33	12.36	NA	657.81	657.81
			11/04/19	NP	7.80	12.34	NA	658.34	658.34
			02/05/20	NP	6.09	NM	NA	660.05	660.05

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Table 3
Off-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Well ID	TOC Elevation (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-87	668.81	14.0-19.0	05/22/17	NP	9.41	18.55	NA	659.40	659.40
			07/24/17	NP	10.65	18.85	NA	658.16	658.16
			11/06/17	NP	11.42	18.79	NA	657.39	657.39
			02/05/18	NP	11.06	18.86	NA	657.75	657.75
			05/07/18	NP	9.39	18.80	NA	659.42	659.42
			08/16/18	NP	10.61	NM	NA	658.20	658.20
			11/19/18	NP	9.68	18.79	NA	659.13	659.13
			11/20/18	NP	6.62	12.86	NA	662.19	662.19
			11/20/18	NP	4.40	12.63	NA	664.41	664.41
			11/20/18	NP	2.38	12.15	NA	666.43	666.43
			11/20/18	NM	NM	NM	NA	NA	NA
			11/20/18	NP	5.14	12.08	NA	663.67	663.67
			11/20/18	NP	6.50	12.02	NA	662.31	662.31
			11/20/18	NP	5.69	12.24	NA	663.12	663.12
			11/20/18	NP	3.58	12.02	NA	665.23	665.23
			02/22/19	NP	9.79	18.82	NA	659.02	659.02
			06/14/19	NP	8.75	18.81	NA	660.06	660.06
			09/26/19	NP	10.45	18.83	NA	658.36	658.36
			11/04/19	NP	10.15	18.82	NA	658.66	658.66
			02/05/20	NP	9.05	NM	NA	659.76	659.76
MW-87S	668.65	4.5-14.5	02/22/19	NP	9.95	14.14	NA	658.70	658.70
			06/14/19	NP	8.55	14.12	NA	660.10	660.10
			09/26/19	NP	10.28	14.10	NA	658.37	658.37
			11/04/19	NP	9.98	13.82[1]	NA	658.67	658.67
			02/05/20	NP	9.83	NM	NA	658.82	658.82
MW-96S	662.21	2.5-12.5	02/22/19	NP	5.13	12.10	NA	657.08	657.08
			06/14/19	NP	4.57	12.08	NA	657.64	657.64
			09/26/19	NP	6.74	12.09	NA	655.47	655.47
			11/04/19	NP	6.01	12.10	NA	656.20	656.20
			02/05/20	NP	4.58	NM	NA	657.63	657.63
MW-97S	660.07	2.5-12.5	03/06/19	NP	4.47	11.96	NA	655.60	655.60
			06/14/19	NP	3.96	12.01	NA	656.11	656.11
			09/26/19	NP	5.72	12.01	NA	654.35	654.35
			11/04/19	NP	4.98	12.01	NA	655.09	655.09
			02/05/20	NP	4.43	NM	NA	655.64	655.64
MW-98S	656.10	2.5-12.5	02/22/19	NP	1.60	12.09	NA	654.50	654.50
			06/14/19	NP	0.79	12.10	NA	655.31	655.31
			09/26/19	NP	3.23	12.09	NA	652.87	652.87
			11/04/19	NP	2.10	12.09	NA	654.00	654.00
			02/05/20	NP	1.21	NM	NA	654.89	654.89
MW-99S	667.38	3.0-13.0	02/22/19	NP	6.00	12.84	NA	661.38	661.38
			06/14/19	NP	5.20	12.86	NA	662.18	662.18
			09/26/19	NP	6.89	12.85	NA	660.49	660.49
			11/04/19	NP	6.71	12.87	NA	660.67	660.67
			02/05/20	NP	5.83	NM	NA	661.55	661.55
MW-100S	667.64	3.0-13.0	02/22/19	NP	6.64	12.90	NA	661.00	661.00
			06/14/19	NP	5.53	12.88	NA	662.11	662.11
			09/26/19	NP	6.98	12.89	NA	660.66	660.66
			11/04/19	NP	6.76	12.90	NA	660.88	660.88
			02/05/20	NP	6.33	NM	NA	661.31	661.31

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Table 3
Off-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Well ID	TOC Elevation (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-101S	668.82	4.5-14.5	03/06/19	NP	8.21	14.01	NA	660.61	660.61
			06/14/19	NP	7.78	14.07	NA	661.04	661.04
			09/26/19	NP	8.33	14.06	NA	660.49	660.49
			11/04/19	NP	8.26	14.06	NA	660.56	660.56
			02/05/20	NP	7.91	NM	NA	660.91	660.91
MW-102	660.87	10.0-15.0	02/22/19	NP	1.17	14.65	NA	659.70	659.70
			06/14/19	NP	0.70	14.65	NA	660.17	660.17
			09/26/19	NP	3.20	13.64	NA	657.67	657.67
			11/04/19	NP	2.34	14.63	NA	658.53	658.53
			02/05/20	NP	1.03	NM	NA	659.84	659.84
MW-102S	661.01	2.5-12.5	02/22/19	NP	1.33	12.35	NA	659.68	659.68
			06/14/19	NP	0.80	12.35	NA	660.21	660.21
			09/26/19	NP	3.50	12.36	NA	657.51	657.51
			11/04/19	NP	2.53	12.37	NA	658.48	658.48
			02/05/20	NP	1.21	NM	NA	659.80	659.80
MW-105S	661.45	2.5-12.5	02/22/19	NP	2.88	11.80	NA	658.57	658.57
			06/14/19	NP	2.25	11.80	NA	659.20	659.20
			09/26/19	NP	4.70	11.72	NA	656.75	656.75
			11/04/19	NP	3.85	11.79	NA	657.60	657.60
			02/05/20	NP	2.59	NM	NA	658.86	658.86
MW-106S	655.03	2.5-12.5	02/22/19	NP	2.76	11.70	NA	652.27	652.27
			06/14/19	NP	2.18	11.65	NA	652.85	652.85
			09/26/19	NP	4.49	11.64	NA	650.54	650.54
			11/04/19	NP	3.40	11.62	NA	651.63	651.63
			02/05/20	NP	2.54	NM	NA	652.49	652.49
MW-107S	657.86	2.5-12.5	02/22/19	NP	5.52	12.20	NA	652.34	652.34
			06/14/19	NP	5.11	12.50	NA	652.75	652.75
			09/26/19	NP	6.55	12.16	NA	651.31	651.31
			11/04/19	NP	5.93	12.15	NA	651.93	651.93
			02/05/20	NP	5.86	NM	NA	652.00	652.00
MW-108S	656.95	2.5-12.5	02/22/19	Could Not Locate					
			06/14/19	NP	3.05	12.25	NA	653.90	653.90
			09/26/19	NP	5.09	12.26	NA	651.86	651.86
			11/04/19	NP	4.03	12.27	NA	652.92	652.92
			02/05/20	NP	2.93	NM	NA	654.02	654.02
MW-131S	660.96	2.5-12.5	02/22/19	NP	4.13	12.70	NA	656.83	656.83
			06/14/19	NP	6.70	12.65	NA	654.26	654.26
			09/26/19	NP	5.88	12.69	NA	655.08	655.08
			11/04/19	NP	5.32	12.68	NA	655.64	655.64
			02/05/20	NP	3.78	NM	NA	657.18	657.18
MW-132S	659.86	2.5-12.5	02/22/19	NP	5.28	12.38	NA	654.58	654.58
			06/14/19	NP	5.25	12.40	NA	654.61	654.61
			09/26/19	NP	6.31	12.39	NA	653.55	653.55
			11/04/19	NP	5.91	12.39	NA	653.95	653.95
			02/05/20	NP	5.06	NM	NA	654.80	654.80

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Table 3
Off-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Well ID	TOC Elevation (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-133S	657.91	4.0-9.0	06/14/19	NP	5.35	8.55	NA	652.56	652.56
			09/26/19	NP	7.25	8.55	NA	650.66	650.66
			11/04/19	NP	6.73	8.56	NA	651.18	651.18
			02/05/20	NP	5.34	NM	NA	652.57	652.57
MW-134S	658.75	5.0-10.0	06/14/19	NP	6.30	9.40	NA	652.45	652.45
			09/26/19	NP	8.19	9.46	NA	650.56	650.56
			11/04/19	NP	7.71	9.45	NA	651.04	651.04
			02/05/20	NP	5.23	NM	NA	653.52	653.52
MW-135S*	657.67	5.0-10.0	06/14/19	NP	5.30	9.70	NA	652.37	652.37
			09/26/19	NP	7.14	9.68	NA	650.53	650.53
	657.44		11/04/19	NP	6.74	9.70	NA	650.70	650.70
			02/05/20	NP	5.21	NM	NA	652.23	652.23
MW-136S	655.53	2.0-7.0	06/14/19	NP	2.16	7.50	NA	653.37	653.37
			09/26/19	NP	4.66	7.15	NA	650.87	650.87
			11/04/19	NP	3.23	7.14	NA	652.30	652.30
			02/05/20	NP	2.38	NM	NA	653.15	653.15
MW-137S*	656.10	2.0-7.0	06/14/19	NP	1.60	7.20	NA	654.50	654.50
			09/26/19	NP	4.43	7.10	NA	651.67	651.67
	656.10		11/04/19	NP	3.05	7.03	NA	653.05	653.05
			02/05/20	NP	1.69	NM	NA	654.41	654.41
MW-138S	653.92	2.0-7.0	06/14/19	NP	0.20	5.95	NA	653.72	653.72
			09/26/19	NP	2.68	5.97	NA	651.24	651.24
			11/04/19	NP	1.16	5.94	NA	652.76	652.76
			02/05/20	NP	0.67	NM	NA	653.25	653.25
MW-139S	660.14	2.0-7.0	06/14/19	NP	1.17	6.90	NA	658.97	658.97
			09/26/19	NP	4.10	6.90	NA	656.04	656.04
			11/04/19	NP	3.14	6.90	NA	657.00	657.00
			02/05/20	NP	1.85	NM	NA	658.29	658.29
MW-140S	662.23	2.0-7.0	06/14/19	NP	2.46	6.48	NA	659.77	659.77
			09/26/19	NP	5.29	6.46	NA	656.94	656.94
			11/04/19	NP	4.40	6.46	NA	657.83	657.83
			02/05/20	NP	2.61	NM	NA	659.62	659.62
MW-141S	663.67	3.0-8.0	06/14/19	NP	4.00	7.60	NA	659.67	659.67
			09/26/19	NP	7.18	7.68	NA	656.49	656.49
			11/04/19	NP	6.30	7.69	NA	657.37	657.37
			02/05/20	NP	4.45	NM	NA	659.22	659.22
MW-142S	657.49	2.5-7.5	06/14/19	NP	3.55	6.75	NA	653.94	653.94
			09/26/19	NP	5.34	6.75	NA	652.15	652.15
			11/04/19	NP	4.51	6.86	NA	652.98	652.98
			02/05/20	NP	3.49	NM	NA	654.00	654.00
MW-192S	654.62	2.5-7.5	06/14/19	NP	1.45	7.70	NA	653.17	653.17
			09/26/19	NP	3.10	7.68	NA	651.52	651.52
			11/04/19	NP	2.04	7.63	NA	652.58	652.58
			02/05/20	NP	1.80	NM	NA	652.82	652.82

See Notes on Last Page.

Table 3
Off-Site Groundwater Elevations
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Well ID	TOC Elevation (ft. amsl)	Screen Interval (ft. bgs)	Gauging Date	Depth to LNAPL (ft. btoc)	Depth to Water (ft. btoc)	Total Depth (ft.)	LNAPL Thickness (ft.)	Groundwater Elevation (ft. amsl)	Corrected Groundwater Elevation (ft. amsl)
MW-202	675.45	12.0-17.0	02/05/20	NP	4.56	17.0[(2)]	NA	670.89	670.89
MW-202S	675.53	3.5-8.5	02/05/20	NP	4.57	8.5[(2)]	NA	670.96	670.96
MW-203	675.25	13.0-18.0	02/05/20	NP	4.21	18.0[(2)]	NA	671.04	671.04
MW-203S	675.15	3.0-8.0	02/05/20	NP	4.10	8.0[(2)]	NA	671.05	671.05
MW-204	676.96	12.0-17.0	02/05/20	NP	5.20	17.0[(2)]	NA	671.76	671.76
MW-204S	677.00	4.0-9.0	02/05/20	NP	5.24	9.0[(2)]	NA	671.76	671.76
MW-205	679.00	12.0-17.0	02/05/20	NP	6.74	17.0[(2)]	NA	672.26	672.26
MW-205S	678.95	4.5-9.5	02/05/20	NP	6.69	9.5[(2)]	NA	672.26	672.26
MW-206	680.16	14.0-19.0	02/05/20	NP	8.28	19.0[(2)]	NA	671.88	671.88
MW-206S	680.07	6.5-11.5	02/05/20	NP	8.20	11.5[(2)]	NA	671.87	671.87
MW-214S	667.97	3.0-8.0	02/05/20	NP	5.67	8.0[(2)]	NA	662.30	662.30
MW-215S	665.74	5.5-10.5	02/05/20	NP	4.78	10.5[(2)]	NA	660.96	660.96
MW-223S	670.85	8.5-13.5	02/05/20	NP	10.68	13.5[(2)]	NA	660.17	660.17

Notes:
Water level measurements collected from top of well casing.
MW-81 and MW-83 were re-surveyed on November 20, 2017 by Geodetic Designs Inc.
* MW-135S and MW-137S were re-surveyed after repairs on 11/12/2019.
[(1)] Monitoring well total depth incorrect due to field measurement error. Confirmed during sampling of the monitoring well.
[(2)] Monitoring well total depth not measured. Measurement shown is based on the recorded well screen depth from the well construction log.

Abbreviations:

ft.	feet
ft. amsl	feet above mean sea level
ft. bgs	feet below ground surface
ft. btoc	feet below top of casing
LNAPL	light non-aqueous phase liquid
NA	not applicable
NM	not measured
NP	no product detected
NS	not surveyed
TOC	top of casing

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Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:			MW-72 15-20											MW-72S 3-13					
Screen Interval (ft. bgs):		Residential Drinking Water Criteria																	
Date:	Unit		5/22/2017	7/26/2017	11/7/2017	2/6/2018	5/9/2018	8/10/2018	10/22/2018	3/5/2019	5/17/2019	9/23/2019	11/5/2019	2/13/2020	12/17/2018	3/5/2019	5/8/2019	9/23/2019	11/6/2019	2/13/2020
Semi-volatile Organic Compounds (SVOCs)																				
1,4-Dioxane	ug/l	7.2*	1.1 J	0.53 J	0.97 J	0.78 J	0.32 J	1.1 J	1.4 J	0.91 J	< 2.0	< 2.0	0.97 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																				
1,1-Dichloroethene	ug/l	7.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	**3.9**	**2.9**	**1.6**	**1.3**	**1.5 J**	**1.2**	**1.1**	**1.9**	**1.7**	**1.5**	**2.8**	**2.1**	< 1.0	0.24 J	< 1.0	< 1.0	< 1.0	< 1.0
Metals																				
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																				
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																				
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																				
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Screen Interval (ft. bgs): / Date:	Unit	Residential Drinking Water Criteria	MW-73D 13.5-18.5												MW-73SR 2.5-12.5					
			5/22/2017	7/26/2017	11/7/2017	2/6/2018	5/9/2018	8/10/2018	10/22/2018	3/4/2019	5/8/2019	9/24/2019	11/11/2019	2/10/2020	12/17/2018	3/4/2019	5/8/2019	9/24/2019	11/11/2019	2/10/2020
Semi-volatile Organic Compounds (SVOCs)																				
1,4-Dioxane	ug/l	7.2*	3.2	3.1	2.8	1.5 J	3.0	1.9 J	3.8	1.6 J	2.3	3.8	2.8	< 2.0	0.87 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																				
1,1-Dichloroethene	ug/l	7.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	NA	0.45 J	0.50 J	0.43 J	0.35 J	0.56 J	0.19 J	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	2.3	2.1	1.8	3.0	2.4	1.3
Tetrachloroethene	ug/l	5.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.43 J	0.25 J	< 1.0	0.35 J	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	0.29 J	< 1.0 UB	< 1.0	0.34 J	< 1.0	0.15 J
Vinyl chloride	ug/l	1.0**	**1.1**	0.85 J	**1.3**	0.79 J	0.80 J	0.75 J	< 1.0	0.71 J	< 1.0	0.48 J	< 1.0	< 1.0	**1.7**	**1.5**	< 1.0	**1.3**	1.0	0.87 J
Metals																				
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																				
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																				
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																				
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:			MW-74												MW-74S					
Screen Interval (ft. bgs):			14-19												3-13					
Date:	Unit	Residential Drinking Water Criteria	5/23/2017	7/26/2017	11/7/2017	2/6/2018	5/9/2018	8/9/2018	10/22/2018	3/8/2019	5/17/2019	9/18/2019	11/11/2019	2/7/2020	12/21/2018	3/8/2019	5/8/2019	9/18/2019	11/6/2019	2/7/2020
Semi-volatile Organic Compounds (SVOCs)																				
1,4-Dioxane	ug/l	7.2*	< 2.0	1.5 J	1.3 J	0.66 J	0.34 J	1.6 J	2.0	< 2.0	< 2.0	1.4 J	1.4 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																				
1,1-Dichloroethene	ug/l	7.0	NA	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	NA	< 1.0	< 1.0	0.42 J	0.96 J	0.41 J	0.45 J	0.84 J	1.3	0.62 J	0.62 J	1.5	1.3	0.82 J	0.97 J	1.0	1.5	0.56 J
Tetrachloroethene	ug/l	5.0	NA	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.21 J	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	NA	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	**2.7**	**2.4**	**2.0**	0.70 J	**2.8**	**2.2**	**1.1**	< 1.0	**1.7**	**1.8**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																				
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																				
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																				
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																				
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:			MW-75D 12-17												MW-75S 5-10						
Screen Interval (ft. bgs):		Residential Drinking Water Criteria																			
Date:	Unit		5/23/2017	7/26/2017	11/8/2017	2/6/2018	5/9/2018	8/9/2018	10/22/2018	3/7/2019	5/15/2019	9/18/2019	11/26/2019	2/4/2020	5/23/2017	7/26/2017	11/8/2017	2/6/2018	5/9/2018	8/9/2018	10/22/2018
Semi-volatile Organic Compounds (SVOCs)																					
1,4-Dioxane	ug/l	7.2*	1.9 J	1.8 J	1.8 J	0.91 J	0.65 J	2.0	2.3	1.5 J	1.5 J	3.3	1.9 J	3.2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																					
1,1-Dichloroethene	ug/l	7.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	**6.4**	**3.7**	**4.9 J**	**1.9**	**2.4**	**1.8**	**1.7**	**1.6**	**1.7**	**1.6**	**2.2**	1.0	0.45 J	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0
Metals																					
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	NA	**330**	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	210	NA	**350**	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**63**	NA	42	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**70**	NA	42	NA	NA	NA	NA
Anions																					
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**21 J**	NA	8.0 J	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	89	NA	110	NA	NA	NA	NA
Total Organic Carbon (TOC)																					
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.6	NA	13	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.6	NA	13	NA	NA	NA	NA
Gases																					
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.95 J	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,200	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Screen Interval (ft. bgs): / Date:	Unit	Residential Drinking Water Criteria	MW-75SR 2.5-12.5						MW-76 15-20											
			12/18/2018	3/7/2019	5/9/2019	9/18/2019	11/26/2019	2/4/2020	5/23/2017	7/26/2017	11/8/2017	2/6/2018	5/10/2018	8/9/2018	10/22/2018	3/1/2019	5/17/2019	9/17/2019	11/20/2019	2/3/2020
Semi-volatile Organic Compounds (SVOCs)																				
1,4-Dioxane	ug/l	7.2*	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	1.0 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																				
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	3.9	4.0	2.2	2.6	2.2	1.8	1.3	1.2	1.4	1.4	1.2
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	0.54 J	0.49 J	< 1.0	0.35 J	0.35 J	0.25 J	0.22 J	< 1.0	< 1.0	0.26 J	0.24 J
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0	< 1.0	0.51 J	0.33 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																				
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	**340**	NA	270	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	**480**	NA	280	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	**760**	NA	**760**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	**800**	NA	**770**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																				
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	1.2 J	NA	3.3 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	120	NA	160	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																				
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	1.1	NA	4.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	0.90 J	NA	1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																				
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:			MW-76S 4.5-14.5						MW-77 9-14											
Screen Interval (ft. bgs):		Residential Drinking Water Criteria																		
Date:	Unit		12/21/2018	3/1/2019	5/8/2019	9/17/2019	11/5/2019	2/3/2020	5/25/2017	7/26/2017	11/10/2017	2/8/2018	5/11/2018	8/6/2018	10/23/2018	3/4/2019	5/16/2019	9/17/2019	11/22/2019	2/13/2020
Semi-volatile Organic Compounds (SVOCs)																				
1,4-Dioxane	ug/l	7.2*	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	0.32 J	< 2.0	< 2.0	0.27 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	1.1 J
Volatile Organic Compounds (VOCs)																				
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	0.67 J	0.73 J	0.66 J	0.54 J	0.61 J	0.74 J	< 1.0 UB	0.39 J	0.66 J	0.72 J	0.49 J
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.87 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.51 J	0.45 J	< 1.0	< 1.0	< 1.0	0.24 J	< 1.0	0.48 J	0.24 J	0.35 J	< 1.0	0.33 J
Metals																				
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																				
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																				
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																				
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Screen Interval (ft. bgs): / Date:	Unit	Residential Drinking Water Criteria	MW-77S 2.5-12.5						MW-78 7-12											
			12/27/2018	3/4/2019	5/16/2019	9/17/2019	11/22/2019	2/13/2020	5/25/2017	7/25/2017	11/9/2017	2/8/2018	5/8/2018	8/6/2018	10/22/2018	2/26/2019	5/13/2019	9/19/2019	11/14/2019	2/12/2020
Semi-volatile Organic Compounds (SVOCs)																				
1,4-Dioxane	ug/l	7.2*	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.90 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																				
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	0.28 J	0.26 J	0.22 J	0.19 J	0.22 J	0.41 J	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	0.20 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																				
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																				
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																				
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																				
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:			MW-78S 2.5-12.5						MW-79D 10-15											
Screen Interval (ft. bgs):		Residential Drinking Water Criteria																		
Date:	Unit		12/19/2018	2/26/2019	5/13/2019	9/19/2019	11/14/2019	2/12/2020	5/24/2017	7/25/2017	11/9/2017	2/8/2018	5/8/2018	8/6/2018	10/24/2018	3/7/2019	5/15/2019	9/19/2019	11/12/2019	2/11/2020
Semi-volatile Organic Compounds (SVOCs)																				
1,4-Dioxane	ug/l	7.2*	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0	< 2.0	0.49 J	0.87 J	0.95 J	< 2.0	0.99 J	< 2.0	0.35 J	< 2.0
Volatile Organic Compounds (VOCs)																				
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**3.2**	**4.1**	**3.6**	**1.9**	**3.5**	**2.8**	**1.3**	**1.6 J**	**2.6**	**1.5**	**2.6**	**2.1**
Metals																				
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																				
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																				
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																				
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Screen Interval (ft. bgs): / Date:	Unit	Residential Drinking Water Criteria	MW-79S 5-10							MW-79SR 2.5-12.5						MW-80S 7-12						
			5/24/2017	7/25/2017	11/9/2017	2/8/2018	5/8/2018	8/6/2018	10/30/2018	12/19/2018	3/1/2019	5/15/2019	9/18/2019	11/13/2019	2/11/2020	5/24/2017	7/25/2017	11/8/2017	2/8/2018	5/8/2018	8/6/2018	10/22/2018
Semi-volatile Organic Compounds (SVOCs)																						
1,4-Dioxane	ug/l	7.2*	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	0.52 J	0.55 J	0.33 J	0.46 J	< 2.0	1.2 J
Volatile Organic Compounds (VOCs)																						
1,1-Dichloroethene	ug/l	7.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.56 J	0.53 J	0.36 J	0.40 J	0.30 J	0.23 J	**4.6**	**7.1**	**7.6**	**2.9**	**6.3**	**6.2**	**4.1**
Metals																						
Iron, Dissolved	ug/l	300	**990**	NA	**2,500**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**600**	NA	**3,600**	NA	NA	NA	NA
Iron, Total	ug/l	300	**1,100**	NA	**2,900**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**530**	NA	**3,600**	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	**110**	NA	**200**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**200**	NA	**230**	NA	NA	NA	NA
Manganese, Total	ug/l	50	**120**	NA	**200**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**190**	NA	**230**	NA	NA	NA	NA
Anions																						
Nitrate-N	mg/l	10	0.063 J	NA	< 0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	NA	< 0.10	NA	NA	NA	NA
Sulfate	mg/l	250	41	NA	69	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	97	NA	110	NA	NA	NA	NA
Total Organic Carbon (TOC)																						
Carbon, Dissolved	mg/l	NS	4.1	NA	4.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.6	NA	5.7	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	3.1	NA	4.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.5	NA	5.2	NA	NA	NA	NA
Gases																						
Ethane	ug/l	NS	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	6.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	55	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:			MW-80SR 2.5-12.5						MW-81 8-13											
Screen Interval (ft. bgs):		Residential Drinking Water Criteria																		
Date:	Unit		12/27/2018	3/6/2019	5/10/2019	9/23/2019	11/5/2019	2/4/2020	5/26/2017	7/25/2017	11/9/2017	2/6/2018	5/10/2018	8/9/2018	10/23/2018	3/6/2019	5/17/2019	9/19/2019	11/7/2019	2/11/2020
Semi-volatile Organic Compounds (SVOCs)																				
1,4-Dioxane	ug/l	7.2*	< 2.0	< 2.0	< 2.0	< 2.0	0.84 J	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																				
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	< 1.0	0.18 J	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	**1.4**	**2.1**	**3.2**	**3.4**	**3.6**	**1.8**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0
Metals																				
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																				
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																				
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																				
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:			MW-81S						MW-82D											
Screen Interval (ft. bgs):			2.5-12.5						18-23											
Date:	Unit	Residential Drinking Water Criteria	12/26/2018	3/6/2019	5/17/2019	9/19/2019	11/7/2019	2/11/2020	5/24/2017	7/25/2017	11/8/2017	2/6/2018	5/10/2018	8/8/2018	10/23/2018	3/6/2019	5/17/2019	9/23/2019	11/7/2019	2/11/2020
Semi-volatile Organic Compounds (SVOCs)																				
1,4-Dioxane	ug/l	7.2*	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																				
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0
Metals																				
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																				
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																				
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																				
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Screen Interval (ft. bgs): / Date:	Unit	Residential Drinking Water Criteria	MW-82S 9-14							MW-82SR 5-15						MW-83 8-13					
			5/24/2017	7/25/2017	11/8/2017	2/6/2018	5/10/2018	8/8/2018	10/23/2018	12/26/2018	3/5/2019	5/17/2019	9/23/2019	11/7/2019	2/11/2020	5/26/2017	7/25/2017	11/9/2017	2/8/2018	5/11/2018	8/8/2018
Semi-volatile Organic Compounds (SVOCs)																					
1,4-Dioxane	ug/l	7.2*	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																					
1,1-Dichloroethene	ug/l	7.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.27 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																					
Iron, Dissolved	ug/l	300	180	NA	**710**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	**380**	NA	**720**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	**510**	NA	**390**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	**550**	NA	**380**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																					
Nitrate-N	mg/l	10	< 0.10	NA	< 0.10 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	**470**	NA	**270**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																					
Carbon, Dissolved	mg/l	NS	2.7	NA	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	2.1	NA	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																					
Ethane	ug/l	NS	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:			MW-83						MW-83S						MW-84						
Screen Interval (ft. bgs):			8-13						3-13						8-13						
Date:	Unit	Residential Drinking Water Criteria	10/22/2018	3/5/2019	5/22/2019	9/18/2019	11/5/2019	2/11/2020	12/26/2018	3/5/2019	5/22/2019	9/18/2019	11/5/2019	2/11/2020	5/25/2017	7/25/2017	11/9/2017	2/8/2018	5/8/2018	8/6/2018	10/23/2018
Semi-volatile Organic Compounds (SVOCs)																					
1,4-Dioxane	ug/l	7.2*	0.92 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.86 J
Volatile Organic Compounds (VOCs)																					
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	<1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	0.23 J	<1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.14 J	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.27 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																					
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																					
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																					
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																					
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:			MW-84					MW-84S						MW-85								
Screen Interval (ft. bgs):			8-13					2.5-12.5						8-13								
Date:	Unit	Residential Drinking Water Criteria	2/28/2019	5/21/2019	9/24/2019	11/25/2019	2/12/2020	12/21/2018	2/28/2019	5/9/2019	9/24/2019	11/25/2019	2/12/2020	5/25/2017	7/25/2017	11/7/2017	2/8/2018	5/8/2018	8/8/2018	10/22/2018	2/26/2019	5/17/2019
Semi-volatile Organic Compounds (SVOCs)																						
1,4-Dioxane	ug/l	7.2*	< 2.0 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0 J	< 2.0	< 2.0	< 2.0	< 2.0	NA	0.29 J	< 2.0	0.41 J	0.45 J	< 2.0	1.0 J	< 2.0	1.3 J
Volatile Organic Compounds (VOCs)																						
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	0.10 J	< 1.0	< 1.0	< 1.0	0.17 J	< 1.0	0.12 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**8.6**	**7.3**	**7.3**	**5.5**	**7.5**	**7.2**	**5.5**	**5.5**	**5.4**
Metals																						
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																						
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																						
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																						
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Screen Interval (ft. bgs): / Date:	Unit	Residential Drinking Water Criteria	MW-85 8-13			MW-85S 2.5-12.5	MW-85SR 4.5-9.5				MW-86 12-17											
			9/17/2019	11/13/2019	2/3/2020	12/21/2018	4/12/2019	9/17/2019	11/13/2019	2/3/2020	5/25/2017	7/26/2017	11/10/2017	2/8/2018	5/10/2018	8/6/2018	10/24/2018	2/28/2019	5/21/2019	9/19/2019	11/25/2019	2/11/2020
Semi-volatile Organic Compounds (SVOCs)																						
1,4-Dioxane	ug/l	7.2*	< 2.0	0.49 J	1.2 J	1.1 J	< 2.0	< 2.0	< 2.0	< 2.0	NA	0.99 J	0.87 J	< 2.0	1.2 J	< 2.0	1.4 J	< 2.0 J	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																						
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	**6.5**	**5.1 J**	**4.9**	**7.8**	**2.2**	**2.1**	**1.4**	**1.4**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																						
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																						
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																						
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																						
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Screen Interval (ft. bgs): / Date:	Unit	Residential Drinking Water Criteria	MW-86S 2.5-12.5						MW-87 14-19											
			12/18/2018	2/28/2019	5/13/2019	9/19/2019	11/25/2019	2/11/2020	5/23/2017	7/26/2017	11/10/2017	2/8/2018	5/10/2018	8/6/2018	10/23/2018	2/28/2019	5/21/2019	9/20/2019	11/22/2019	2/12/2020
Semi-volatile Organic Compounds (SVOCs)																				
1,4-Dioxane	ug/l	7.2*	< 2.0	< 2.0 J	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.88 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																				
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																				
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																				
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																				
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																				
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Screen Interval (ft. bgs): / Date:	Unit	Residential Drinking Water Criteria	MW-87S 4.5-14.5						MW-96S 2.5-12.5						MW-97S 2.5-12.5					
			12/21/2018	3/1/2019	5/13/2019	9/20/2019	11/22/2019	2/12/2020	12/18/2018	2/27/2019	5/16/2019	9/20/2019	11/26/2019	2/13/2020	12/27/2018	3/6/2019	5/10/2019	9/19/2019	11/22/2019	2/13/2020
Semi-volatile Organic Compounds (SVOCs)																				
1,4-Dioxane	ug/l	7.2*	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																				
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0
Metals																				
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																				
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																				
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																				
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Screen Interval (ft. bgs): / Date:	Unit	Residential Drinking Water Criteria	MW-98S 2.5-12.5						MW-99S 3-13						MW-100S 3-13					
			12/19/2018	3/6/2019	5/10/2019	9/20/2019	11/13/2019	2/10/2020	12/21/2018	3/7/2019	5/9/2019	9/16/2019	11/6/2019	2/4/2020	12/18/2018	2/27/2019	5/9/2019	9/16/2019	11/26/2019	2/4/2020
Semi-volatile Organic Compounds (SVOCs)																				
1,4-Dioxane	ug/l	7.2*	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	1.0 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																				
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	0.21 J	< 1.0	< 1.0	0.94 J	0.57 J	0.89 J	0.30 J	0.41 J	0.20 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	0.22 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																				
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																				
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																				
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																				
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Screen Interval (ft. bgs): / Date:	Unit	Residential Drinking Water Criteria	MW-101S 4.5-14.5						MW-102 10-15						MW-102S 2.5-12.5					
			12/21/2018	3/6/2019	5/8/2019	9/16/2019	11/13/2019	2/3/2020	12/19/2018	2/25/2019	5/17/2019	9/18/2019	11/18/2019	2/14/2020	12/19/2018	2/25/2019	5/14/2019	9/18/2019	11/18/2019	2/14/2020
Semi-volatile Organic Compounds (SVOCs)																				
1,4-Dioxane	ug/l	7.2*	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	1.7 J	1.3 J	1.1 J	1.0 J	1.0 J	1.4 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																				
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	**1.6**	**1.7**	**1.8**	1.0	**1.4**	**1.3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																				
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																				
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																				
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																				
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Screen Interval (ft. bgs): / Date:	Unit	Residential Drinking Water Criteria	MW-105S 2.5-12.5						MW-106S 2.5-12.5						MW-107S 2.5-12.5					
			12/26/2018	2/25/2019	5/14/2019	9/16/2019	11/13/2019	2/12/2020	12/19/2018	2/27/2019	5/16/2019	9/23/2019	11/15/2019	2/10/2020	12/26/2018	2/27/2019	5/10/2019	9/24/2019	11/12/2019	2/10/2020
Semi-volatile Organic Compounds (SVOCs)																				
1,4-Dioxane	ug/l	7.2*	< 2.0	< 2.0	< 2.0	< 2.0	0.55 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																				
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																				
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																				
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																				
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																				
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Screen Interval (ft. bgs): / Date:	Unit	Residential Drinking Water Criteria	MW-108S 2.5-12.5					MW-131S 2.5-12.5						MW-132S 2.5-12.5					
			12/26/2018	5/14/2019	9/19/2019	11/12/2019	2/3/2020	12/26/2018	2/26/2019	5/14/2019	9/16/2019	11/12/2019	2/4/2020	12/26/2018	2/26/2019	5/14/2019	9/16/2019	11/12/2019	2/4/2020
Semi-volatile Organic Compounds (SVOCs)																			
1,4-Dioxane	ug/l	7.2*	0.90 J	0.93 J	< 2.0	< 2.0	< 2.0	1.0 J	< 2.0	1.3 J	1.3 J	0.52 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																			
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.98 J	0.69 J	0.85 J	0.87 J	**1.2**	0.52 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																			
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																			
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																			
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																			
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Screen Interval (ft. bgs): / Date:	Unit	Residential Drinking Water Criteria	MW-133S 4-9					MW-134S 5-10					MW-135S 5-10					MW-136S 2-7				
			2/14/2019	5/23/2019	9/17/2019	11/7/2019	2/10/2020	2/14/2019	5/20/2019	9/17/2019	11/5/2019	2/11/2020	2/14/2019	5/20/2019	9/16/2019	11/5/2019	2/12/2020	2/19/2019	5/22/2019	9/18/2019	11/13/2019	2/10/2020
Semi-volatile Organic Compounds (SVOCs)																						
1,4-Dioxane	ug/l	7.2*	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																						
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.38 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.96 J	< 1.0	< 1.0
Metals																						
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																						
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																						
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																						
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Screen Interval (ft. bgs): / Date:	Unit	Residential Drinking Water Criteria	MW-137S 2-7					MW-138S 2-7					MW-139S 2-7					MW-140S 2-7				
			2/23/2019	5/13/2019	9/23/2019	11/5/2019	2/4/2020	2/19/2019	5/16/2019	9/23/2019	11/15/2019	2/12/2020	2/26/2019	5/9/2019	9/20/2019	11/13/2019	2/12/2020	2/26/2019	5/16/2019	9/18/2019	11/12/2019	2/5/2020
Semi-volatile Organic Compounds (SVOCs)																						
1,4-Dioxane	ug/l	7.2*	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs)																						
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	0.91 J	**1.1**	0.50 J	0.27 J	**1.7**	**1.6**	**1.4**	**1.2**	**1.3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Metals																						
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																						
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																						
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																						
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Screen Interval (ft. bgs): / Date:	Unit	Residential Drinking Water Criteria	MW-141S 3-8					MW-142S 2.5-7.5					MW-192S 2.5-7.5				MW-204 12-17		MW-204S 4-9	
			2/27/2019	5/15/2019	9/18/2019	11/13/2019	2/11/2020	2/25/2019	5/23/2019	9/16/2019	11/13/2019	2/3/2020	4/11/2019	9/20/2019	11/15/2019	2/12/2020	1/3/2020	2/7/2020	12/27/2019	2/7/2020
Semi-volatile Organic Compounds (SVOCs)																				
1,4-Dioxane	ug/l	7.2*	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
Volatile Organic Compounds (VOCs)																				
1,1-Dichloroethene	ug/l	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.34 J	0.53 J	< 1.0	< 2.5 UB	< 2.5	17	7.5
Tetrachloroethene	ug/l	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	1.7 J	< 2.5	1.8	0.70 J
Trichloroethene	ug/l	1.0**	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**61**	**67**	**37**	**21**
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<2.5	<2.5	<1.7	<1.7
Metals																				
Iron, Dissolved	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anions																				
Nitrate-N	mg/l	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)																				
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gases																				
Ethane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Screen Interval (ft. bgs): / Date:	Unit	Residential Drinking Water Criteria	MW-205 12-17		MW-205S 4.5-9.5	
			1/3/2020	2/7/2020	12/30/2019	2/7/2020
Semi-volatile Organic Compounds (SVOCs)						
1,4-Dioxane	ug/l	7.2*	NA	NA	NA	NA
Volatile Organic Compounds (VOCs)						
1,1-Dichloroethene	ug/l	7.0	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/l	70	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/l	5.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	ug/l	100	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	ug/l	1.0**	< 1.0	< 1.0	< 1.0	< 1.0
Metals						
Iron, Dissolved	ug/l	300	NA	NA	NA	NA
Iron, Total	ug/l	300	NA	NA	NA	NA
Manganese, Dissolved	ug/l	50	NA	NA	NA	NA
Manganese, Total	ug/l	50	NA	NA	NA	NA
Anions						
Nitrate-N	mg/l	10	NA	NA	NA	NA
Sulfate	mg/l	250	NA	NA	NA	NA
Total Organic Carbon (TOC)						
Carbon, Dissolved	mg/l	NS	NA	NA	NA	NA
Total Organic Carbon	mg/l	NS	NA	NA	NA	NA
Gases						
Ethane	ug/l	NS	NA	NA	NA	NA
Ethene	ug/l	NS	NA	NA	NA	NA
Methane	ug/l	NS	NA	NA	NA	NA

See Notes on Last Page.

Table 4
Off-Site Groundwater Analytical Results
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Notes:
All results are compared to EGLE Part 201 Generic Cleanup Criteria, June 2018.
Bolded Result exceeds residential Drinking Water criteria
< Result not detected above reporting limit.

Footnote:
* Residential Drinking Water Criteria for 1,4-dioxane is derived from EGLE Proposed Rule Changes (September 2016) and Emergency Rules (October 27, 2016).
** Groundwater results for Trichloroethene and Vinyl Chloride are compared to the published EGLE Remediation and Redevelopment Division Target Detection Limit of 1.0 µg/l.

Abbreviations:
EGLE Michigan Department of Environment, Great Lakes, and Energy
ft. bgs feet below ground surface
J estimated result
UB Analyte considered non-detect at the value listed due to associated blank contamination
mg/l milligrams per liter
NA not analyzed
NS no standard / not sampled
µg/l micrograms per liter

Analytical Methods:
8260B SIM for Semi-volatile Organic Compounds (SVOCs)
8260B for Volatile Organic Compounds (VOCs)
RSK-175 for Dissolved Gases
6020 for Metals
5310C-2000 for Dissolved Organic Carbon (DOC)/Total Organic Carbon/Persulfate
9056A for Anions

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Table 5
Northwest Area Groundwater Monitoring Well Analytical Results Summary
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location:		EGLE Nonresidential 12-hr Groundwater in Contact (GWIC) Criteria	EGLE Nonresidential Drinking Water (DW) Criteria	EGLE Nonresidential Groundwater Surface Water Interface (GSI) Criteria	MW-15-59D									MW-124				
Depth Interval:					94-99									5-10				
Date:	Unit				02/06/2018	05/15/2018	08/09/2018	10/31/2018	03/05/2019	06/13/2019	09/27/2019	11/22/2019	02/21/2020	04/23/2019	06/13/2019	09/30/2019	11/15/2019	02/20/2020
Semi-Volatile Organic Compounds (SVOCs via Method 8260 SIM)																		
1,4-Dioxane	µg/l	1,200,000	350	280	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs via Method 8260)																		
1,1-Dichloroethene	µg/l	8,600	7.0	130	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	µg/l	2,400	70	620	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.7**	**1.8**	**2.1**	**2.3**	**1.8**
Tetrachloroethene	µg/l	3,300	5.0	60	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	µg/l	10,000	100	1,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.19 J**	**0.26 J**	**0.24 J**	**0.27 J**	**0.20 J**
Trichloroethene	µg/l	210	5.0	200	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	µg/l	280	2.0	13	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**0.32 J**	**0.40 J**	< 1.0	**0.19 J**	**0.27 J**

Notes:

Bold	Value was detected above the laboratory reporting limit
Shaded	Value exceeds the Nonresidential Volatilization to Indoor Air (12-hr) Groundwater in Contact (GWIC) Criteria
Italics	Value exceeds the Nonresidential Drinking Water (DW) Criteria
Red text	Value exceeds the Nonresidential Groundwater Surface Water Interface (GSI) Criteria
EGLE	Michigan Department of Environment, Great Lakes, and Energy
J	Estimated result, less than reporting limit
NA	Not Analyzed
µg/l	Micrograms per liter
<	Result less than reporting limit as shown
UB	Compound detected in the laboratory method blank. Result was determined to be non-detect.

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Table 5
Northwest Area Groundwater Monitoring Well Analytical Results Summary
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Depth Interval: / Date:	Unit	EGLE Nonresidential 12-hr Groundwater in Contact (GWIC) Criteria	EGLE Nonresidential Drinking Water (DW) Criteria	EGLE Nonresidential Groundwater Surface Water Interface (GSI) Criteria	MW-194 12-17		MW-194S 2-7		MW-195S 2-7		MW-196 12-17		MW-196S 2-7		MW-197S 3-8		MW-198 12-17	
					11/20/2019	02/10/2020	11/20/2019	02/10/2020	11/20/2019	02/10/2020	11/20/2019	02/11/2020	11/20/2019	02/11/2020	11/25/2019	02/11/2020	11/25/2019	02/12/2020
Semi-Volatile Organic Compounds (SVOCs via Method 8260 SIM)																		
1,4-Dioxane	µg/l	1,200,000	350	280	**1.5 J**	**1.7 J**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Volatile Organic Compounds (VOCs via Method 8260)																		
1,1-Dichloroethene	µg/l	8,600	7.0	130	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 100	**0.73 J**	< 25	< 1.0	< 1.0	< 1.0	**0.23 J**	< 1.0	< 1.0
cis-1,2-Dichloroethene	µg/l	2,400	70	620	< 1.0	< 1.0	< 1.0	< 1.0	***120***	***82 J***	***210***	***250***	**68**	**51**	**10**	**14**	< 1.0	< 1.0
Tetrachloroethene	µg/l	3,300	5.0	60	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 100	< 2.0	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	µg/l	10,000	100	1,500	< 1.0	< 1.0	< 1.0	< 1.0	***150***	**100**	**55**	**65**	**1.7**	**1.3**	**0.43 J**	**0.89 J**	< 1.0	< 1.0
Trichloroethene	µg/l	210	5.0	200	< 1.0	< 1.0	< 1.0	< 1.0	***3,400***	***2,300***	***490***	***520***	***78***	***39***	***14***	***31***	< 1.0	< 1.0
Vinyl chloride	µg/l	280	2.0	13	< 1.0	< 1.0	< 1.0	< 1.0	***16***	< 100	< 2.0	< 25	< 1.0	< 1.0	***2.1***	***2.2***	< 1.0	< 1.0

Notes:

Bold	Value was detected above the laboratory reporting limit
Shaded	Value exceeds the Nonresidential Volatilization to Indoor Air (12-hr) Groundwater in Contact (GWIC) Criteria
Italics	Value exceeds the Nonresidential Drinking Water (DW) Criteria
Red text	Value exceeds the Nonresidential Groundwater Surface Water Interface (GSI) Criteria
EGLE	Michigan Department of Environment, Great Lakes, and Energy
J	Estimated result, less than reporting limit
NA	Not Analyzed
µg/l	Micrograms per liter
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Table 5
Northwest Area Groundwater Monitoring Well Analytical Results Summary
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Depth Interval: / Date:	Unit	EGLE Nonresidential 12-hr Groundwater in Contact (GWIC) Criteria	EGLE Nonresidential Drinking Water (DW) Criteria	EGLE Nonresidential Groundwater Surface Water Interface (GSI) Criteria	MW-198S 2.5-7.5 11/20/2019	MW-198S 2.5-7.5 02/12/2020	MW-199S 2-7 11/25/2019	MW-199S 2-7 02/12/2020	MW-202 12-17 12/30/2019	MW-202 12-17 02/06/2020	MW-202S 3.5-8.5 12/30/2019	MW-202S 3.5-8.5 02/06/2020	MW-203 13-18 12/27/2019	MW-203 13-18 02/07/2020	MW-203S 3-8 12/27/2019	MW-203S 3-8 02/07/2020	MW-204 12-17 01/03/2020	MW-204 12-17 02/07/2020
Semi-Volatile Organic Compounds (SVOCs via Method 8260 SIM)																		
1,4-Dioxane	µg/l	1,200,000	350	280	< 2.0	< 2.0	**2.6**	**2.9**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds (VOCs via Method 8260)																		
1,1-Dichloroethene	µg/l	8,600	7.0	130	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	2,400	70	620	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 UB	< 1.0	< 40 UB	< 40	< 1.7 UB	**1.0 J**	< 2.5 UB	< 2.5
Tetrachloroethene	µg/l	3,300	5.0	60	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	10,000	100	1,500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**29 J**	**21 J**	**1.0 J**	**2.3**	**1.7 J**	< 2.5
Trichloroethene	µg/l	210	5.0	200	**0.43 J**	**0.27 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	***670***	***670***	***43***	***44***	***61***	***67***
Vinyl chloride	µg/l	280	2.0	13	< 1.0	< 1.0	**0.33 J**	**0.32 J**	< 1.0	< 1.0	< 1.0	< 1.0	< 40	< 40	< 1.7	< 1.7	< 2.5	< 2.5

Notes:

Bold	Value was detected above the laboratory reporting limit
Shaded	Value exceeds the Nonresidential Volatilization to Indoor Air (12-hr) Groundwater in Contact (GWIC) Criteria
Italics	Value exceeds the Nonresidential Drinking Water (DW) Criteria
Red text	Value exceeds the Nonresidential Groundwater Surface Water Interface (GSI) Criteria
EGLE	Michigan Department of Environment, Great Lakes, and Energy
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µg/l	Micrograms per liter
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Table 5
Northwest Area Groundwater Monitoring Well Analytical Results Summary
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Location: / Depth Interval: / Date:	Unit	EGLE Nonresidential 12-hr Groundwater in Contact (GWIC) Criteria	EGLE Nonresidential Drinking Water (DW) Criteria	EGLE Nonresidential Groundwater Surface Water Interface (GSI) Criteria	MW-204S 4-9		MW-205 12-17		MW-205S 4.5-9.5		MW-206 14-19		MW-206S 4.5-9.5	
					12/27/2019	02/07/2020	01/03/2020	02/07/2020	12/30/2019	02/07/2020	01/03/2020	02/06/2020	01/03/2020	02/06/2020
Semi-Volatile Organic Compounds (SVOCs via Method 8260 SIM)														
1,4-Dioxane	µg/l	1,200,000	350	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds (VOCs via Method 8260)														
1,1-Dichloroethene	µg/l	8,600	7.0	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	µg/l	2,400	70	620	**17**	**7.5**	< 1.0	< 1.0	< 1.0	< 1.0	< 67 UB	< 67 UB	< 1.0	< 1.0 UB
Tetrachloroethene	µg/l	3,300	5.0	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	µg/l	10,000	100	1,500	**1.8**	**0.70 J**	< 1.0	< 1.0	< 1.0	< 1.0	**97**	**71**	< 1.0	< 1.0
Trichloroethene	µg/l	210	5.0	200	***37***	***21***	< 1.0	< 1.0	< 1.0	< 1.0	***1,200***	***950***	**0.71 J**	< 1.0 UB
Vinyl chloride	µg/l	280	2.0	13	< 1.7	< 1.7	< 1.0	< 1.0	< 1.0	< 1.0	< 67	< 67	< 1.0	< 1.0

Notes:

Bold	Value was detected above the laboratory reporting limit
Shaded	Value exceeds the Nonresidential Volatilization to Indoor Air (12-hr) Groundwater in Contact (GWIC) Criteria
Italics	Value exceeds the Nonresidential Drinking Water (DW) Criteria
Red text	Value exceeds the Nonresidential Groundwater Surface Water Interface (GSI) Criteria
EGLE	Michigan Department of Environment, Great Lakes, and Energy
J	Estimated result, less than reporting limit
NA	Not Analyzed
µg/l	Micrograms per liter
<	Result less than reporting limit as shown
UB	Compound detected in the laboratory method blank. Result was determined to be non-detect.

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Table 6
Hydraulic Control System Monthly Discharge Volumes
Ford Livonia Transmission Plant
36200 Plymouth Road
Livonia, Michigan

Date	Approximate Volume of Treated Water Discharged ¥ (Gallons)	Date	Approximate Volume of Treated Water Discharged ¥ (Gallons)	Date	Approximate Volume of Treated Water Discharged ¥ (Gallons)
1/1/2020	45,148	2/1/2020	57,418	3/1/2020	41,714
1/2/2020	45,318	2/2/2020	57,185	3/2/2020	41,491
1/3/2020Ω	45,436	2/3/2020*Ω	56,815	3/3/2020Ω	41,127
1/4/2020	45,650	2/4/2020	57,286	3/4/2020*Ω	44,773
1/5/2020	45,717	2/5/2020	56,940	3/5/2020	47,269
1/6/2020Ω	45,547	2/6/2020	56,218	3/6/2020Ω	47,130
1/7/2020	45,268	2/7/2020Ω	55,665	3/7/2020	47,504
1/8/2020	44,025	2/8/2020	56,556	3/8/2020	47,508
1/9/2020*Ω	34,151	2/9/2020	56,402	3/9/2020E	47,366
1/10/2020Ω	41,217	2/10/2020Ω	55,540	3/10/2020E	46,934
1/11/2020	45,007	2/11/2020	63,994	3/11/2020	56,013
1/12/2020	45,178	2/12/2020	59,125	3/12/2020	46,441
1/13/2020Ω	45,965	2/13/2020	56,094	3/13/2020SΩ	43,867
1/14/2020	46,509	2/14/2020Ω	55,524	3/14/2020	47,319
1/15/2020	47,474	2/15/2020E	56,481	3/15/2020	48,333
1/16/2020ΩS	39,083	2/16/2020E	56,078	3/16/2020SΩ	45,256
1/17/2020Ω	51,957	2/17/2020Ω	55,677	3/17/2020	48,663
1/18/2020	54,479	2/18/2020E	55,171	3/18/2020	51,486
1/19/2020	58,249	2/19/2020ΩE	55,086	3/19/2020	50,954
1/20/2020	63,792	2/20/2020E	55,185	3/20/2020Ω	50,654
1/21/2020Ω	53,382	2/21/2020ΩE	54,977	3/21/2020	50,986
1/22/2020	53,027	2/22/2020E	54,557	3/22/2020	51,051
1/23/2020	51,239	2/23/2020	53,417	3/23/2020Ω	51,987
1/24/2020Ω	47,541	2/24/2020	49,988	3/24/2020	44,983
1/25/2020	45,816	2/25/2020Ω	48,300	3/25/2020	44,013
1/26/2020	46,022	2/26/2020	48,116	3/26/2020	43,668
1/27/2020Ω	49,702	2/27/2020	47,580	3/27/2020Ω	43,551
1/28/2020	52,750	2/28/2020	45,009	3/28/2020	42,546
1/29/2020	54,995	2/29/2020	41,620	3/29/2020	38,815
1/30/2020	57,740	--	--	3/30/2020SΩ	40,512
1/31/2020Ω	57,628	--	--	3/31/2020	45,247
Total volume discharged during January 2020	**1,505,012**	**Total volume discharged during February 2020**	**1,578,004**	**Total volume discharged during March 2020**	**1,439,161**

Notes:
Treated groundwater discharge volume readings are recorded daily.

Footnotes:
¥ Volume of treated groundwater discharged from the hydraulic control system is based on a totalizer flow meter installed on the effluent discharge pipe inside the system building.
* Monthly treated groundwater discharge compliance sample collected as required by the Wastewater Discharge Permit Addendum #1 (Permit No.: 006-27510-IU).
Ω Hydraulic control system inspection visit.
S System shut down.
E - Daily discharge amounts estimated from totalizer readings recorded on 2/15/2020 to 2/16/2020, 2/18/2020 to 2/22/2020, and 3/8/2020 to 3/10/2020 end of day 24-hour readings were not recorded during this time.

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FIGURES

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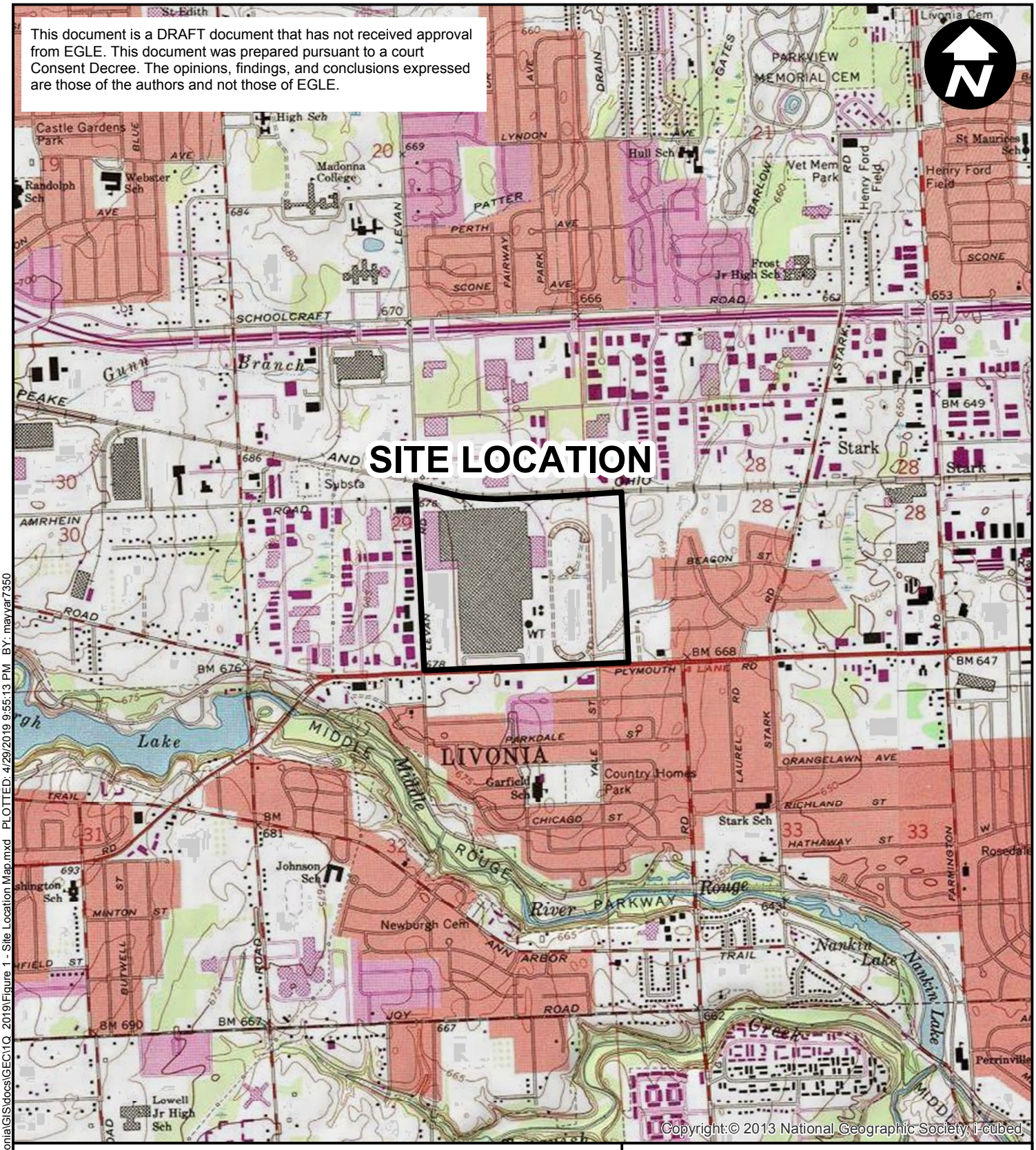

0 2,000 4,000

SCALE IN FEET

NOTES:

EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

SOURCE:

USGS 7.5 MINUTE TOPOGRAPHIC MAP
NORTHVILLE AND WAYNE QUADRANGLES

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

SITE LOCATION MAP

ARCADIS Design & Consultancy for natural and built assets

FIGURE 1

CITY: Novi DIV: ENV DB: MG PROJECT NUMBER: 30042006 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
Z:\GISProjects\ ENV\Novi\Brighton MI\Ford\Livonia\GIS\docs\GEC\1Q 2019\Figure 1 - Site Location Map.mxd PLOTTED: 4/29/2019 9:55:13 PM BY: mayvar7350

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ON-SITE AREA

OFF-SITE AREA

LIVONIA TRANSMISSION PLANT

TEST TRACK

ATNPC BUILDING

HCS Building

SSDS Building

EDC

VERONICA AVE

GLENDALE ST

ROSATI AVE

CONCORD ST

CAPITOL ST

COMMERCE ST

LEVAN RD

STARK RD

WADSWORTH ST

BELDEN CT

PRISCILLA LN

PLYMOUTH RD

PARKDALE AVE

LEGEND

- MONITORING WELL
- TEST WELL
- VAULT
- SUCTION PITS
- PIEZOMETER
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING
- SSDS CONVEYANCE PIPING
- FORD PROPERTY BOUNDARY
- COMMERCIAL/RESIDENTIAL PROPERTY BOUNDARY
- AREA OF CONCERN
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- HCS DISCHARGE LINE

NOTES:

EDC = EASTERN DIVERSION CHAMBER

ATNPC = AUTOMATIC TRANSMISSION NEW PRODUCT CENTER

EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

HDPE = HIGH-DENSITY POLYETHYLENE

SSDS = SUB-SLAB DEPRESSURIZATION SYSTEM

HCS = HYDRAULIC CONTROL SYSTEM

SDR = STANDARD DIMENSION RATIO

ESD = EASTERN STORM DRAIN

0 400 800

SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

SITE LAYOUT

ARCADIS Design & Consultancy for natural and built assets

FIGURE 2

CITY: Novi DIV: ENV DB: MG PIC: R_ELLIS PM: K_HINSKEY PROJECT NUMBER: 30042006 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
Z:\GISProjects_ENV\Novi\Brighton_MI\Ford\Livonia\GIS\docs\2020-03\Figure 2 - Site Layout On-site and Off-site MW_03302020.mxd PLOTTED: 4/2/2020 11:17:49 AM BY: msmiller

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ON-SITE AREA

OFF-SITE AREA

LIVONIA TRANSMISSION PLANT

TEST TRACK

ATNPC BUILDING

SSDS Building

HCS Building

GLENDALE ST

VERONICA AVE

FAIRLANE ST

ROSATI AVE

CONCORD ST

CAPITOL ST

BOSTON POST ST

BREWSTER ST

STARK RD

WADSWORTH ST

STANDISH ST

PRISCILLA LN

BELDEN CT

LEVAN RD

PLYMOUTH RD

YALE ST

YALE AVE

PARKDALE AVE

LEGEND

- OFFSITE MONITORING WELL
- ONSITE MONITORING WELL
- PIEZOMETER
- VAULT
- SUCTION PITS
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING
- SSDS CONVEYANCE PIPING
- FORD PROPERTY BOUNDARY
- COMMERCIAL/RESIDENTIAL PROPERTY BOUNDARY
- AREA OF CONCERN
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- HCS DISCHARGE LINE
- –659– GROUNDWATER ELEVATION CONTOUR (DASH WHERE INFERRED)
- FLOW DIRECTION

NOTES:

1. ALL ELEVATIONS COLLECTED ON FEBRUARY 5, 2020 AND MEASURED FROM TOP OF WELL CASING.
2. ALL ELEVATIONS ARE REFERENCED TO A MEAN SEA LEVEL DATUM AND ARE IN UNITS OF FEET ABOVE SEA LEVEL.
3. WHERE NESTED WELLS ARE PRESENT, THE SHALLOW WELL IS USED FOR CONTOURING PURPOSES.
4. EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY.
5. HDPE = HIGH-DENSITY POLYETHYLENE.
6. NA = WELL COULD NOT BE ACCESSED.
7. SDR = STANDARD DIMENSION RATIO.
8. SSDS = SUB-SLAB DEPRESSURIZATION SYSTEM.
9. ESD = EASTERN STORM DRAIN.
10. HCS = HYDRAULIC CONTROL SYSTEM.
11. EDC = EASTERN DIVERSION CHAMBER
12. ATNPC = AUTOMATIC TRANSMISSION NEW PRODUCT CENTER.

0 400 800

SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

SITE-WIDE GROUNDWATER ELEVATION CONTOUR MAP UNDER PUMPING CONDITIONS FEBRUARY 2020

ARCADIS Design & Consultancy for natural and built assets

FIGURE 3

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: K. HINSKEY PROJECT NUMBER: 30042006.0704 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
Z:\GISProjects_ENV\Novi\Brighton_MI\Ford\LivoniaGIS\docs\2020-03\Figure 2 - Site Layout On-site and Off-site GWE10pt4.mxd PLOTTED: 4/8/2020 12:31:44 PM BY: msmiller

This document is a DRAFT document that has not received approval from EGLE. This document was prepared pursuant to a court Consent Decree. The opinions, findings, and conclusions expressed are those of the authors and not those of EGLE.

MW-198 (12-17 FT)
11/25/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-15-59D (94-99 FT)
6/13/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/22/2019: ND (< 1.0 µg/L)
2/21/2020: ND (< 1.0 µg/L)

MW-199S (2-7 FT)
11/25/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-26 (4.5-14.5 FT)
6/13/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/18/2020: ND (< 1.0 µg/L)

MW-114 (5-10 FT)
6/13/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/18/2020: ND (< 1.0 µg/L)

MW-55 (15-20 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: 0.89 J µg/L
11/20/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 5.0 µg/L)

MW-55D (19-24 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: 0.79 J µg/L
11/20/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-54 (16-21 FT)
6/10/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/19/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-54S (4.5-9.5 FT)
6/10/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 J µg/L)
11/19/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-198S (2.5-7.5 FT)
11/20/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-27

MW-197S (3-8 FT)
11/25/2019: 10 µg/L
2/11/2020: 14 µg/L

MW-196 (12-17 FT)
11/20/2019: 210 µg/L
2/11/2020: 250 µg/L

MW-124 (5-10 FT)
6/13/2019: 1.8 µg/L
9/30/2019: 2.1 µg/L
11/15/2019: 2.3 µg/L
2/20/2020: 1.8 µg/L

MW-113 (5-10 FT)
6/12/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/18/2020: ND (< 1.0 µg/L)

LMW-15-07

MW-120 (7-12 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-56 (16-21 FT)
6/11/2019: 0.27 J µg/L
9/25/2019: 0.34 J µg/L
11/20/2019: 0.86 J µg/L
2/11/2020: ND (< 5.0 µg/L)

MW-122 (16-21 FT)
9/25/2019: ND (< 1.0 µg/L)
11/20/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)

MW-53 (16-21 FT)
6/10/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/20/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-57 (17-22 FT)
6/11/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/19/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-52 (15-20 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

VAULT V-ESD-1

TW-16-03 (9-19 FT)
6/11/2019: 14 µg/L
9/27/2019: 35 µg/L
11/14/2019: 52 µg/L
2/11/2020: 33 µg/L

MW-196S (2-7 FT)
11/20/2019: 68 µg/L
2/11/2020: 51 µg/L

MW-28 (2-12 FT)
6/11/2019: 0.22 J µg/L
9/24/2019: 0.98 J µg/L
11/14/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 5.0 µg/L)

LMW-15-06

LMW-15-10

MW-58 (15-20 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/14/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 5.0 µg/L)

ESD-1

MW-62 (16.3-21.3 FT)
6/12/2019: 0.31 J µg/L
9/27/2019: ND (< 1.0 µg/L)
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-43 (17-22 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-195S (2-7 FT)
11/20/2019: 120 µg/L
2/10/2020: 82 J µg/L

LMW-15-08

MW-29 (5-15 FT)
6/12/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/20/2019: ND (< 1.0 µg/L)
2/21/2020: ND (< 1.0 µg/L)

TW-16-04 (9-19 FT)
6/11/2019: 14 µg/L
9/27/2019: 13 µg/L
11/14/2019: 20 µg/L
2/4/2020: 12 µg/L

MW-50 (16-21 FT)
6/12/2019: 9.4 µg/L
9/20/2019: 5.2 µg/L
11/5/2019: 5.8 µg/L
2/11/2020: 11 µg/L

VAULT V-ESD-2

MW-63 (7-12 FT)
6/12/2019: 2.9 µg/L
9/20/2019: 1.4 µg/L
11/5/2019: 1.3 µg/L
2/11/2020: 0.73 J µg/L

MW-213S (6-11 FT)
2/8/2020: 0.76 J µg/L

MW-212S (6.5-11.5 FT)
2/8/2020: 1.5 µg/L

MW-194S (2-7 FT)
11/20/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-194 (12-17 FT)
11/20/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

LMW-15-09

PW-16-02 (6-21 FT)
6/11/2019: ND (< 1.0 µg/L)
9/27/2019: 20 µg/L
11/14/2019: 0.67 J µg/L
2/4/2020: 0.44 J µg/L

MW-65 (16-21 FT)
6/12/2019: 4.9 µg/L
9/18/2019: 4.1 µg/L
11/5/2019: 4.8 µg/L
2/4/2020: 4.0 µg/L

MW-64 (15-20 FT)
6/11/2019: 0.25 J µg/L
9/27/2019: ND (< 1.0 µg/L)
11/15/2019: 0.29 J µg/L
2/3/2020: 0.18 J µg/L

MW-211S (7-12 FT)
2/8/2020: ND (< 1.0 µg/L)

MW-35 (19.5-24.5 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-200 (15-20 FT)
11/21/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-200S (5-10 FT)
11/21/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-51 (15-20 FT)
6/12/2019: 0.16 J µg/L
9/24/2019: ND (< 1.0 µg/L)
11/15/2019: 0.36 J µg/L
2/4/2020: 0.19 J µg/L

MW-66 (15-20 FT)
6/10/2019: ND (< 1.0 µg/L)
9/19/2019: ND (< 1.0 µg/L)
11/5/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-47 (16-21 FT)
6/12/2019: 25 µg/L
9/25/2019: 32 µg/L
11/6/2019: 28 µg/L
2/7/2020: 22 µg/L

ESD-2

MW-48 (17-22 FT)
6/13/2019: ND (< 1.0 µg/L)
9/20/2019: ND (< 1.0 µg/L)
11/6/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-42 (16-21 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-15-61D (88-93 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

LMW-15-02

MW-44 (16-21 FT)
6/11/2019: ND (< 20 µg/L)
9/19/2019: ND (< 1.0 µg/L)
11/12/2019: 0.28 J µg/L
2/6/2020: ND (< 10 µg/L)

VAULT V-ESD-3

MW-67 (9-14 FT)
6/13/2019: ND (< 3.3 µg/L)
9/20/2019: 8.9 µg/L
11/6/2019: 9.7 µg/L
2/13/2020: 4.8 µg/L

MW-34 (16.5-21.5 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: 0.64 J µg/L
11/23/2019: 0.66 J µg/L
2/8/2020: 0.39 J µg/L

MW-3 (14-19 FT)
6/11/2019: 0.23 J µg/L
9/25/2019: 0.25 J µg/L
11/19/2019: ND (< 1.0 µg/L)
2/19/2020: ND (< 1.0 µg/L)

MW-19 (15-20 FT)
6/12/2019: 0.65 J µg/L
9/24/2019: 0.99 J µg/L
11/20/2019: 1.1 µg/L
2/20/2020: 0.73 J µg/L

MW-22 (16.5-21.5 FT)
6/10/2019: 120 J µg/L
9/19/2019: 390 µg/L
11/12/2019: 230 µg/L
2/10/2020: 110 µg/L

MW-46 (16-21 FT)
6/11/2019: 4.0 µg/L
9/25/2019: 5.0 µg/L
11/7/2019: 5.5 µg/L
2/12/2020: 2.7 µg/L

MW-210S (8-13 FT)
2/8/2020: 8.6 µg/L

MW-41 (16-21 FT)
6/15/2019: 2.0 µg/L
9/28/2019: 2.0 µg/L
11/23/2019: 2.8 µg/L
2/8/2020: 2.3 µg/L

LMW-15-05

SSDS Location

LMW-15-03

MW-70 (15-20 FT)
6/11/2019: 150 µg/L
9/26/2019: 220 µg/L
11/7/2019: 300 µg/L
2/7/2020: 260 µg/L

ESD-3

MW-68 (15-20 FT)
6/12/2019: 31 µg/L
9/25/2019: 32 µg/L
11/7/2019: 40 µg/L
2/12/2020: 34 µg/L

MW-209S (8-13 FT)
2/8/2020: 0.17 J µg/L

LEVAN RD

MW-201 (17-22 FT)
11/19/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)

MW-201S (3.5-8.5 FT)
11/19/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 5.0 µg/L)

MW-5 (15.5-20.5 FT)
6/11/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/20/2019: ND (< 1.0 µg/L)
2/19/2020: ND (< 1.0 µg/L)

MW-10 (16.5-21.5 FT)
6/11/2019: ND (< 100 µg/L)
9/27/2019: ND (< 200 µg/L)
11/19/2019: 6.4 J µg/L
2/19/2020: ND (< 200 µg/L)

MW-21 (13.5-18.5 FT)
6/13/2019: 13,000 J µg/L
9/25/2019: 15,000 µg/L
11/13/2019: 23,000 µg/L
2/14/2020: 6,500 µg/L

VAULT V-ESD-4

MW-69 (15-20 FT)
6/12/2019: 0.23 J µg/L
9/23/2019: 0.22 J µg/L
11/21/2019: 0.30 J µg/L
2/3/2020: 0.22 J µg/L

MW-30 (19-24 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-221S (6.5-11.5 FT)
2/4/2020: ND (< 1.0 µg/L)

LMW-15-04

MW-49 (12.5-17.5 FT)
6/11/2019: 19,000 µg/L
9/27/2019: 28,000 µg/L
11/13/2019: 23,000 µg/L
2/13/2020: 18,000 µg/L

TW-16-02 (12-17 FT)
6/10/2019: 3,000 µg/L
9/24/2019: 2,800 µg/L
11/11/2019: 3,300 µg/L
2/3/2020: 2,200 µg/L

MW-45 (15-20 FT)
6/11/2019: 310 µg/L
9/27/2019: 160 µg/L
11/8/2019: 150 µg/L
2/12/2020: 260 µg/L

MW-208S (9-14 FT)
2/8/2020: ND (< 1.0 µg/L)

MW-4 (15.5-20.5 FT)
6/11/2019: 6,400 µg/L
9/25/2019: 18,000 µg/L
11/19/2019: 18,000 µg/L
2/19/2020: 16,000 µg/L

MW-14 (15-20 FT)
6/12/2019: ND (< 1.0 µg/L)
9/23/2019: ND (< 1.0 µg/L)
11/21/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)

MW-18 (13-18 FT)
6/10/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/12/2019: 0.45 J µg/L
2/10/2020: ND (< 1.0 µg/L)

MW-23 (15-20 FT)
6/10/2019: 23,000 µg/L
9/24/2019: 43,000 µg/L
11/11/2019: 15,000 µg/L
2/7/2020: 4,800 µg/L

MW-71 (15-20 FT)
6/11/2019: 0.42 J µg/L
9/27/2019: 0.41 J µg/L
11/7/2019: 0.61 J µg/L
2/12/2020: 0.46 J µg/L

MW-31 (17-22 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-25 (16-21 FT)
6/10/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 1.0 µg/L)

LMW-15-01

HCS Location

PW-16-01 (9.7-19.7 FT)
6/10/2019: 300 µg/L
9/24/2019: 310 µg/L
11/11/2019: 67 µg/L
2/7/2020: 0.77 J µg/L

MW-219S (7-12 FT)
2/6/2020: ND (< 1.0 µg/L)

MW-40 (20-25 FT)
6/15/2019: 2.2 µg/L
9/28/2019: 2.8 µg/L
11/23/2019: 3.2 µg/L
2/8/2020: 2.5 µg/L

MW-1 (14-19 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/14/2020: ND (< 1.0 µg/L)

MW-2 (15.5-20.5 FT)
6/11/2019: 3,400 µg/L
9/25/2019: 3,800 µg/L
11/20/2019: 3,000 µg/L
2/19/2020: 3,100 µg/L

MW-7 (18-23 FT)
6/10/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/22/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)

MW-9 (19.5-24.5 FT)
6/10/2019: ND (< 1.0 µg/L)
9/23/2019: ND (< 1.0 µg/L)
11/21/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-220S (6-11 FT)
2/4/2020: ND (< 1.0 µg/L)

MW-20 (13.5-18.5 FT)
6/12/2019: ND (< 1.0 µg/L)
9/26/2019: ND (< 1.0 µg/L)
11/12/2019: ND (< 1.0 µg/L)

TW-16-01 (12-17 FT)
6/10/2019: 140 µg/L
9/24/2019: 170 µg/L
11/11/2019: 180 µg/L
2/7/2020: 91 µg/L

EASTERN DIVERSION CHAMBER

VAULT V-ESD-5

MW-32 (18-23 FT)
6/11/2019: 0.43 J µg/L
9/24/2019: 0.48 J µg/L
11/14/2019: 3.0 µg/L
2/10/2020: 0.31 J µg/L

MW-15-60D (93-98 FT)
6/13/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/22/2019: ND (< 1.0 µg/L)
2/21/2020: ND (< 1.0 µg/L)

MW-224S (7-12 FT)
2/4/2020: ND (< 1.0 µg/L)

MW-36 (20-25 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/21/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)

MW-222S (5.5-10.5 FT)
2/6/2020: ND (< 1.0 µg/L)

MW-24 (19-24 FT)
6/11/2019: 0.16 J µg/L
9/23/2019: ND (< 1.0 µg/L)
11/22/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-37 (18-23 FT)
6/12/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/14/2019: 2.9 µg/L
2/6/2020: ND (< 1.0 µg/L)

MW-38 (15-20 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/8/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 1.0 µg/L)

MW-33 (14-19 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/8/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)

MW-39 (20-25 FT)
6/11/2019: ND (< 1.0 µg/L)
9/24/2019: ND (< 1.0 µg/L)
11/8/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-218S (9-14 FT)
2/20/2020: ND (< 1.0 µg/L)

WESTERN DIVERSION CHAMBER

LEGEND

- ON-SITE MONITORING WELL CIS-1,2-DICHLOROETHENE ≤ 70 µg/L
- ON-SITE MONITORING WELL CIS-1,2-DICHLOROETHENE > 70 µg/L
- **BLUE/BOLD TEXT** — EXCEEDANCE OF THE NONRESIDENTIAL DRINKING WATER CRITERIA FROM PAST AND PRESENT SAMPLING EVENTS
- WELL NOT SAMPLED
- VAULT (2 FEET x 2 FEET)
- VAULT (4 FEET x 6 FEET)
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- FORD PROPERTY BOUNDARY

NOTES:
FIGURE ONLY SHOWS THE FOUR MOST RECENT QUARTERS OF DATA (JUNE 2019, SEPTEMBER 2019, NOVEMBER 2019 AND FEBRUARY 2020). FULL SET OF DATA CAN BE FOUND IN THE CORRESPONDING TABLES.

µg/L - MICROGRAMS PER LITER (PARTS PER BILLION)

≤ - LESS THAN OR EQUAL TO

> - GREATER THAN

THE EGLE NONRESIDENTIAL DRINKING WATER CRITERIA FOR CIS-1,2-DICHLOROETHENE IS 70 µg/L.

FT = SCREENED INTERVAL IN FEET BELOW GROUND SURFACE

"ND", "<" INDICATES VALUE IS BELOW THE LABORATORY REPORTING LIMIT FOR CIS-1,2-DICHLOROETHENE.

J = ESTIMATED RESULT

MW = MONITORING WELL

LMW = LIGHT NON-AQUEOUS PHASE LIQUID MONITORING WELL

EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

HDPE = HIGH-DENSITY POLYETHYLENE

SSDS = SUB-SLAB DEPRESSURIZATION SYSTEM

HCS = HYDRAULIC CONTROL SYSTEM

SDR = STANDARD DIMENSIONAL RATIO

ESD = EASTERN STORM DRAIN

BLUE BOX INDICATES EXCEEDANCE OF THE NONRESIDENTIAL DRINKING WATER CRITERIA ASSOCIATED WITH THE MOST RECENT SAMPLING EVENT

0 300 600
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

ON-SITE MONITORING WELLS
CIS-1,2-DICHLOROETHENE IN GROUNDWATER

ARCADIS Design & Consultancy for natural and built assets

FIGURE
4

CITY: Novi DIV: ENV DB: MG PROJECT NUMBER: 30042006.0704.03 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
Z:\GISProjects_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\10_2020\Figure 4_On-Site GWA cis.mxd PLOTTED: 4/7/2020 10:51:18 PM BY: Sharmayh4948

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MW-198 (12-17 FT)
11/25/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-15-59D (94-99 FT)
6/13/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/22/2019: ND (< 1.0 µg/L)
2/21/2020: ND (< 1.0 µg/L)

MW-199S (2-7 FT)
11/25/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-198S (2.5-7.5 FT)
11/20/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-197S (3-8 FT)
11/25/2019: 0.43 J µg/L
2/11/2020: 0.89 J µg/L

MW-196 (12-17 FT)
11/20/2019: 55 µg/L
2/11/2020: 65 µg/L

MW-196S (2-7 FT)
11/20/2019: 1.7 µg/L
2/11/2020: 1.3 µg/L

MW-195S (2-7 FT)
11/20/2019: 150 µg/L
2/10/2020: 100 µg/L

MW-194S (2-7 FT)
11/20/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-194 (12-17 FT)
11/20/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-200 (15-20 FT)
11/21/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-200S (5-10 FT)
11/21/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-3 (14-19 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/19/2019: ND (< 1.0 µg/L)
2/19/2020: ND (< 1.0 µg/L)

MW-124 (5-10 FT)
6/13/2019: 0.26 J µg/L
9/30/2019: 0.24 J µg/L
11/15/2019: 0.27 J µg/L
2/20/2020: 0.20 J µg/L

MW-113 (5-10 FT)
6/12/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 J µg/L)
2/18/2020: ND (< 1.0 µg/L)

MW-26 (4.5-14.5 FT)
6/13/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 J µg/L)
2/18/2020: ND (< 1.0 µg/L)

MW-114 (5-10 FT)
6/13/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 J µg/L)
2/18/2020: ND (< 1.0 µg/L)

MW-21 (13.5-18.5 FT)
6/13/2019: ND (< 710 µg/L)
9/25/2019: ND (< 500 µg/L)
11/13/2019: 120 µg/L
2/14/2020: ND (< 500 µg/L)

MW-19 (15-20 FT)
6/12/2019: ND (< 1.0 µg/L)
9/24/2019: ND (< 1.0 µg/L)
11/20/2019: ND (< 1.0 µg/L)
2/20/2020: ND (< 1.0 µg/L)

MW-5 (15.5-20.5 FT)
6/11/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/20/2019: ND (< 1.0 µg/L)
2/19/2020: ND (< 1.0 µg/L)

MW-49 (12.5-17.5 FT)
6/11/2019: ND (< 710 µg/L)
9/27/2019: ND (< 2,500 µg/L)
11/13/2019: 150 µg/L
2/13/2020: ND (< 1,000 µg/L)

MW-201 (17-22 FT)
11/19/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)

MW-201S (3.5-8.5 FT)
11/19/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 5.0 µg/L)

MW-221S (6.5-11.5 FT)
2/4/2020: ND (< 1.0 µg/L)

MW-2 (15.5-20.5 FT)
6/11/2019: 790 µg/L
9/25/2019: 840 µg/L
11/20/2019: 760 µg/L
2/19/2020: 860 µg/L

MW-4 (15.5-20.5 FT)
6/11/2019: 310 J µg/L
9/25/2019: 770 J µg/L
11/19/2019: 790 µg/L
2/19/2020: 670 J µg/L

MW-10 (16.5-21.5 FT)
6/11/2019: ND (< 100 µg/L)
9/27/2019: ND (< 200 µg/L)
11/19/2019: ND (< 10 µg/L)
2/19/2020: ND (< 200 µg/L)

MW-25 (16-21 FT)
6/10/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 1.0 µg/L)

MW-1 (14-19 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/14/2020: ND (< 1.0 µg/L)

MW-7 (18-23 FT)
6/10/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/22/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)

MW-9 (19.5-24.5 FT)
6/10/2019: ND (< 1.0 µg/L)
9/23/2019: ND (< 1.0 µg/L)
11/21/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-14 (15-20 FT)
6/12/2019: ND (< 1.0 µg/L)
9/23/2019: ND (< 1.0 µg/L)
11/21/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)

MW-15-60D (93-98 FT)
6/13/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/22/2019: ND (< 1.0 µg/L)
2/21/2020: ND (< 1.0 µg/L)

MW-224S (7-12 FT)
2/4/2020: ND (< 1.0 µg/L)

MW-36 (20-25 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/21/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)

MW-222S (5.5-10.5 FT)
2/6/2020: ND (< 1.0 µg/L)

MW-24 (19-24 FT)
6/11/2019: ND (< 1.0 µg/L)
9/23/2019: ND (< 1.0 µg/L)
11/22/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-29 (5-15 FT)
6/12/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/20/2019: ND (< 1.0 µg/L)
2/21/2020: ND (< 1.0 µg/L)

MW-44 (16-21 FT)
6/11/2019: ND (< 20 µg/L)
9/19/2019: ND (< 1.0 µg/L)
11/12/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 10 µg/L)

MW-22 (16.5-21.5 FT)
6/10/2019: ND (< 200 µg/L)
9/19/2019: 2.5 µg/L
11/12/2019: 1.6 J µg/L
2/10/2020: ND (< 67 µg/L)

MW-58 (15-20 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/14/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 5.0 µg/L)

TW-16-03 (9-19 FT)
6/11/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/14/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 5.0 µg/L)

TW-16-04 (9-19 FT)
6/11/2019: ND (< 2.5 µg/L)
9/27/2019: ND (< 2.5 µg/L)
11/14/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 2.5 µg/L)

MW-51 (15-20 FT)
6/12/2019: ND (< 1.0 µg/L)
9/24/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)

MW-66 (15-20 FT)
6/10/2019: ND (< 1.0 µg/L)
9/19/2019: ND (< 1.0 µg/L)
11/5/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-67 (9-14 FT)
6/13/2019: ND (< 3.3 µg/L)
9/20/2019: 1.7 µg/L
11/6/2019: 1.7 µg/L
2/13/2020: 0.79 J µg/L

MW-120 (7-12 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-28 (2-12 FT)
6/11/2019: ND (< 1.0 µg/L)
9/24/2019: ND (< 1.0 µg/L)
11/14/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 5.0 µg/L)

MW-27

MW-56 (16-21 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/20/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 5.0 µg/L)

MW-55D (19-24 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/20/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-55 (15-20 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/20/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 5.0 µg/L)

MW-50 (16-21 FT)
6/12/2019: 0.31 J µg/L
9/20/2019: ND (< 1.0 µg/L)
11/5/2019: 0.25 J µg/L
2/11/2020: ND (< 5.0 µg/L)

MW-63 (7-12 FT)
6/12/2019: 0.42 J µg/L
9/20/2019: ND (< 1.0 µg/L)
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-65 (16-21 FT)
6/12/2019: ND (< 1.0 µg/L)
9/18/2019: ND (< 1.0 µg/L)
11/5/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)

PW-16-02 (6-21 FT)
6/11/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 5.0 µg/L)
11/14/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)

MW-48 (17-22 FT)
6/13/2019: ND (< 1.0 µg/L)
9/20/2019: ND (< 1.0 µg/L)
11/6/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-68 (15-20 FT)
6/12/2019: 4.0 µg/L
9/25/2019: 4.2 µg/L
11/7/2019: 5.3 µg/L
2/12/2020: 4.0 µg/L

MW-23 (15-20 FT)
6/10/2019: 1,000 µg/L
9/24/2019: 1,600 J µg/L
11/11/2019: 500 µg/L
2/7/2020: 200 µg/L

MW-220S (6-11 FT)
2/4/2020: ND (< 1.0 µg/L)

MW-219S (7-12 FT)
2/6/2020: ND (< 1.0 µg/L)

MW-47 (16-21 FT)
6/12/2019: 5.3 µg/L
9/25/2019: 5.6 µg/L
11/6/2019: 5.2 µg/L
2/7/2020: 4.5 µg/L

MW-70 (15-20 FT)
6/11/2019: 2.4 J µg/L
9/26/2019: 2.1 J µg/L
11/7/2019: 3.2 µg/L
2/7/2020: ND (< 13 µg/L)

TW-16-02 (12-17 FT)
6/10/2019: ND (< 250 µg/L)
9/24/2019: ND (< 330 µg/L)
11/11/2019: 48 µg/L
2/3/2020: ND (< 330 µg/L)

TW-16-01 (12-17 FT)
6/10/2019: 8.0 J µg/L
9/24/2019: ND (< 20 µg/L)
11/11/2019: 4.9 µg/L
2/7/2020: ND (< 13 µg/L)

MW-33 (14-19 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/8/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)

MW-38 (15-20 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/8/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 1.0 µg/L)

MW-37 (18-23 FT)
6/12/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/14/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 1.0 µg/L)

MW-54 (16-21 FT)
6/10/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/19/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-122 (16-21 FT)
9/25/2019: ND (< 1.0 µg/L)
11/20/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)

MW-57 (17-22 FT)
6/11/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/19/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-62 (16.3-21.3 FT)
6/12/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-213S (6-11 FT)
2/8/2020: ND (< 1.0 µg/L)

MW-64 (15-20 FT)
6/11/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)

MW-42 (16-21 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-34 (16.5-21.5 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-69 (15-20 FT)
6/12/2019: ND (< 1.0 µg/L)
9/23/2019: ND (< 1.0 µg/L)
11/21/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)

MW-46 (16-21 FT)
6/11/2019: ND (< 3.3 µg/L)
9/25/2019: 0.53 J µg/L
11/7/2019: 0.91 J µg/L
2/12/2020: 0.41 J µg/L

PW-16-01 (9.7-19.7 FT)
6/10/2019: ND (< 100 µg/L)
9/24/2019: ND (< 100 µg/L)
11/11/2019: 3.7 µg/L
2/7/2020: ND (< 1.0 µg/L)

MW-71 (15-20 FT)
6/11/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/7/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-45 (15-20 FT)
6/11/2019: ND (< 25 µg/L)
9/27/2019: ND (< 25 µg/L)
11/8/2019: 0.60 J µg/L
2/12/2020: ND (< 25 µg/L)

MW-54S (4.5-9.5 FT)
6/10/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 J µg/L)
11/19/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-53 (16-21 FT)
6/10/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/20/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-52 (15-20 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-43 (17-22 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-212S (6.5-11.5 FT)
2/8/2020: 0.20 J µg/L

MW-35 (19.5-24.5 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-211S (7-12 FT)
2/8/2020: ND (< 1.0 µg/L)

MW-15-61D (88-93 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-210S (8-13 FT)
2/8/2020: 0.98 J µg/L

MW-41 (16-21 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: 0.24 J µg/L
11/23/2019: 0.37 J µg/L
2/8/2020: 0.25 J µg/L

MW-209S (8-13 FT)
2/8/2020: ND (< 1.0 µg/L)

MW-30 (19-24 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-208S (9-14 FT)
2/8/2020: ND (< 1.0 µg/L)

MW-31 (17-22 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-40 (20-25 FT)
6/15/2019: 0.37 J µg/L
9/28/2019: 0.43 J µg/L
11/23/2019: 0.46 J µg/L
2/8/2020: 0.30 J µg/L

MW-32 (18-23 FT)
6/11/2019: ND (< 1.0 µg/L)
9/24/2019: ND (< 1.0 µg/L)
11/14/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-218S (9-14 FT)
2/20/2020: ND (< 1.0 µg/L)

MW-39 (20-25 FT)
6/11/2019: ND (< 1.0 µg/L)
9/24/2019: ND (< 1.0 µg/L)
11/8/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

LMW-15-07
LMW-15-06
LMW-15-08
LMW-15-10
LMW-15-09
LMW-15-02
LMW-15-05
LMW-15-03
LMW-15-04
LMW-15-01

VAULT ESD-1
VAULT ESD-2
VAULT ESD-3
VAULT ESD-4
VAULT ESD-5

ESD-1
ESD-2
ESD-3
ESD-4

SSDS Location
HCS Location
EASTERN DIVERSION CHAMBER
WESTERN DIVERSION CHAMBER
LEVAN RD

LEGEND

- ON-SITE MONITORING WELL TRANS-1,2-DICHLOROETHENE ≤ 100 µg/L
- ON-SITE MONITORING WELL TRANS-1,2-DICHLOROETHENE > 100 µg/L
- BLUE/BOLD TEXT — EXCEEDANCE OF THE NONRESIDENTIAL DRINKING WATER CRITERIA FROM PAST AND PRESENT SAMPLING EVENTS
- WELL NOT SAMPLED
- VAULT (2 FEET x 2 FEET)
- VAULT (4 FEET x 6 FEET)
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- FORD PROPERTY BOUNDARY

NOTES:
FIGURE ONLY SHOWS THE FOUR MOST RECENT QUARTERS OF DATA (JUNE 2019, SEPTEMBER 2019, NOVEMBER 2019, AND FEBRUARY 2020). FULL SET OF DATA CAN BE FOUND IN THE CORRESPONDING TABLES.

µg/L - MICROGRAMS PER LITER (PARTS PER BILLION)

≤ - LESS THAN OR EQUAL TO

> - GREATER THAN

THE EGLE NONRESIDENTIAL DRINKING WATER CRITERIA FOR TRANS-1,2-DICHLOROETHENE IS 100 µg/L.

FT = SCREENED INTERVAL IN FEET BELOW GROUND SURFACE

"ND", "<" INDICATES VALUE IS BELOW THE LABORATORY REPORTING LIMIT FOR TRANS-1,2-DICHLOROETHENE.

J = ESTIMATED RESULT

MW = MONITORING WELL

LMW = LIGHT NON-AQUEOUS PHASE LIQUID MONITORING WELL

EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

HDPE = HIGH-DENSITY POLYETHYLENE

SSDS = SUB-SLAB DEPRESSURIZATION SYSTEM

HCS = HYDRAULIC CONTROL SYSTEM

SDR = STANDARD DIMENSIONAL RATIO

ESD = EASTERN STORM DRAIN

BLUE BOX INDICATES EXCEEDANCE OF THE NONRESIDENTIAL DRINKING WATER CRITERIA ASSOCIATED WITH THE MOST RECENT SAMPLING EVENT

0 300 600
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

ON-SITE MONITORING WELLS
TRANS-1,2-DICHLOROETHENE IN GROUNDWATER

ARCADIS Design & Consultancy for natural and built assets

FIGURE
5

CITY: Novi DIV: ENV DB: MG PROJECT NUMBER: 30042006.0704.03 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
Z:\GISProjects_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\1Q_2020\Figure 5_On-Site GWA trans.mxd PLOTTED: 4/7/2020 10:16:11 PM BY: Sharmayh4948

This document is a DRAFT document that has not received approval from EGLE. This document was prepared pursuant to a court Consent Decree. The opinions, findings, and conclusions expressed are those of the authors and not those of EGLE.

MW-198 (12-17 FT)
11/25/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-15-59D (94-99 FT)
6/13/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/22/2019: ND (< 1.0 µg/L).
2/21/2020: ND (< 1.0 µg/L)

MW-198S (2.5-7.5 FT)
11/20/2019: 0.43 J µg/L
2/12/2020: 0.27 J µg/L

MW-199S (2-7 FT)
11/25/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-197S (3-8 FT)
11/25/2019: 14 µg/L
2/11/2020: 31 µg/L

MW-196 (12-17 FT)
11/20/2019: 490 µg/L
2/11/2020: 520 µg/L

MW-196S (2-7 FT)
11/20/2019: 78 µg/L
2/11/2020: 39 µg/L

MW-195S (2-7 FT)
11/20/2019: 3,400 µg/L
2/10/2020: 2,300 µg/L

MW-194S (2-7 FT)
11/20/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-194 (12-17 FT)
11/20/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-200 (15-20 FT)
11/21/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-200S (5-10 FT)
11/21/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-201 (17-22 FT)
11/19/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)

MW-201S (3.5-8.5 FT)
11/19/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 5.0 µg/L)

MW-3 (14-19 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/19/2019: ND (< 1.0 µg/L)
2/19/2020: ND (< 1.0 µg/L)

MW-113 (5-10 FT)
6/12/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/18/2020: ND (< 1.0 µg/L)

MW-114 (5-10 FT)
6/13/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/18/2020: ND (< 1.0 µg/L)

MW-124 (5-10 FT)
6/13/2019: ND (< 1.0 µg/L)
9/30/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/20/2020: ND (< 1.0 µg/L)

MW-26 (4.5-14.5 FT)
6/13/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/18/2020: ND (< 1.0 µg/L)

MW-27

MW-28 (2-12 FT)
6/11/2019: 0.43 J µg/L
9/24/2019: 0.64 J µg/L
11/14/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 5.0 µg/L)

MW-5 (15.5-20.5 FT)
6/11/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/20/2019: ND (< 1.0 µg/L)
2/19/2020: ND (< 1.0 µg/L)

MW-10 (16.5-21.5 FT)
6/11/2019: ND (< 100 µg/L)
9/27/2019: ND (< 200 µg/L)
11/19/2019: ND (< 10 µg/L)
2/19/2020: ND (< 200 µg/L)

MW-221S (6.5-11.5 FT)
2/4/2020: ND (< 1.0 µg/L)

MW-4 (15.5-20.5 FT)
6/11/2019: 13,000 µg/L
9/25/2019: 35,000 µg/L
11/19/2019: 35,000 µg/L
2/19/2020: 28,000 µg/L

MW-2 (15.5-20.5 FT)
6/11/2019: ND (< 100 µg/L)
9/25/2019: 27 J µg/L
11/20/2019: 3.4 J µg/L
2/19/2020: ND (< 100 µg/L)

MW-9 (19.5-24.5 FT)
6/10/2019: ND (< 1.0 µg/L)
9/23/2019: ND (< 1.0 µg/L)
11/21/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-21 (13.5-18.5 FT)
6/13/2019: ND (< 710 µg/L)
9/25/2019: 190 J µg/L
11/13/2019: 62 J µg/L
2/14/2020: 250 J µg/L)

MW-49 (12.5-17.5 FT)
6/11/2019: ND (< 710 µg/L)
9/27/2019: ND (< 2,500 µg/L)
11/13/2019: ND (< 50 µg/L)
2/13/2020: ND (< 1,000 µg/L)

MW-7 (18-23 FT)
6/10/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/22/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)

MW-24 (19-24 FT)
6/11/2019: ND (< 1.0 µg/L)
9/23/2019: ND (< 1.0 µg/L)
11/22/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-25 (16-21 FT)
6/10/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 1.0 µg/L)

MW-1 (14-19 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/14/2020: ND (< 1.0 µg/L)

MW-15-60D (93-98 FT)
6/13/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/22/2019: ND (< 1.0 µg/L)
2/21/2020: ND (< 1.0 µg/L)

MW-224S (7-12 FT)
2/4/2020: ND (< 1.0 µg/L)

MW-36 (20-25 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/21/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)

MW-222S (5.5-10.5 FT)
2/6/2020: ND (< 1.0 µg/L)

MW-18 (13-18 FT)
6/10/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/12/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-14 (15-20 FT)
6/12/2019: ND (< 1.0 µg/L)
9/23/2019: ND (< 1.0 µg/L)
11/21/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)

MW-20 (13.5-18.5 FT)
6/12/2019: ND (< 1.0 µg/L)
9/26/2019: ND (< 1.0 µg/L)
11/12/2019: ND (< 1.0 µg/L)

MW-220S (6-11 FT)
2/4/2020: ND (< 1.0 µg/L)

MW-23 (15-20 FT)
6/10/2019: 7,000 µg/L
9/24/2019: 11,000 µg/L
11/11/2019: 2,800 µg/L
2/7/2020: 1,300 µg/L)

MW-37 (18-23 FT)
6/12/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/14/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 1.0 µg/L)

MW-38 (15-20 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/8/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 1.0 µg/L)

MW-33 (14-19 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/8/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)

MW-39 (20-25 FT)
6/11/2019: ND (< 1.0 µg/L)
9/24/2019: ND (< 1.0 µg/L)
11/8/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-218S (9-14 FT)
2/20/2020: ND (< 1.0 µg/L)

MW-32 (18-23 FT)
6/11/2019: ND (< 1.0 µg/L)
9/24/2019: ND (< 1.0 µg/L)
11/14/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-40 (20-25 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-30 (19-24 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-31 (17-22 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-35 (19.5-24.5 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-42 (16-21 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-15-61D (88-93 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-34 (16.5-21.5 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-41 (16-21 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-53 (16-21 FT)
6/10/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/20/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-52 (15-20 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-43 (17-22 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-54S (4.5-9.5 FT)
6/10/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 J µg/L)
11/20/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-54 (16-21 FT)
6/10/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/19/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-122 (16-21 FT)
9/25/2019: ND (< 1.0 µg/L)
11/20/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)

MW-55 (15-20 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/20/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 5.0 µg/L)

MW-56 (16-21 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/20/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 5.0 µg/L)

MW-120 (7-12 FT)
6/15/2019: 4.3 µg/L
9/28/2019: 5.9 µg/L
11/23/2019: 4.8 µg/L
2/8/2020: 2.8 µg/L

MW-58 (15-20 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/14/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 5.0 µg/L)

MW-55D (19-24 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/20/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

VAULT ESD-1

TW-16-03 (9-19 FT)
6/11/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/14/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 5.0 µg/L)

TW-16-04 (9-19 FT)
6/11/2019: ND (< 2.5 µg/L)
9/27/2019: ND (< 2.5 µg/L)
11/14/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 2.5 µg/L)

MW-62 (16.3-21.3 FT)
6/12/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-57 (17-22 FT)
6/11/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/19/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-63 (7-12 FT)
6/12/2019: ND (< 1.0 µg/L)
9/20/2019: ND (< 1.0 µg/L)
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-213S (6-11 FT)
2/8/2020: ND (< 1.0 µg/L)

MW-212S (6.5-11.5 FT)
2/8/2020: ND (< 1.0 µg/L)

VAULT ESD-2

MW-50 (16-21 FT)
6/12/2019: ND (< 1.0 µg/L)
9/20/2019: ND (< 1.0 µg/L)
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 5.0 µg/L)

MW-29 (5-15 FT)
6/12/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/20/2019: ND (< 1.0 µg/L)
2/21/2020: ND (< 1.0 µg/L)

PW-16-02 (6-21 FT)
6/11/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 5.0 µg/L)
11/14/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)

MW-65 (16-21 FT)
6/12/2019: ND (< 1.0 µg/L)
9/18/2019: ND (< 1.0 µg/L)
11/5/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)

MW-64 (15-20 FT)
6/11/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)

MW-51 (15-20 FT)
6/12/2019: ND (< 1.0 µg/L)
9/24/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)

MW-66 (15-20 FT)
6/10/2019: ND (< 1.0 µg/L)
9/19/2019: ND (< 1.0 µg/L)
11/5/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-48 (17-22 FT)
6/13/2019: ND (< 1.0 µg/L)
9/20/2019: ND (< 1.0 µg/L)
11/6/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-211S (7-12 FT)
2/8/2020: ND (< 1.0 µg/L)

MW-67 (9-14 FT)
6/13/2019: ND (< 3.3 µg/L)
9/20/2019: 70 µg/L
11/6/2019: 70 µg/L
2/13/2020: 45 µg/L

VAULT ESD-3

MW-210S (8-13 FT)
2/8/2020: ND (< 1.0 µg/L)

MW-69 (15-20 FT)
6/12/2019: ND (< 1.0 µg/L)
9/23/2019: ND (< 1.0 µg/L)
11/21/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)

MW-44 (16-21 FT)
6/11/2019: ND (< 20 µg/L)
9/19/2019: ND (< 1.0 µg/L)
11/12/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 10 µg/L)

MW-68 (15-20 FT)
6/12/2019: 0.26 J µg/L
9/25/2019: ND (< 1.0 UB µg/L)
11/7/2019: 0.50 J µg/L
2/12/2020: 0.52 J µg/L

MW-22 (16.5-21.5 FT)
6/10/2019: ND (< 200 µg/L)
9/19/2019: 0.25 J µg/L
11/12/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 67 µg/L)

MW-19 (15-20 FT)
6/12/2019: 0.60 J µg/L
9/24/2019: 0.54 J µg/L
11/20/2019: 0.70 J µg/L
2/20/2020: 0.62 J µg/L

MW-47 (16-21 FT)
6/12/2019: ND (< 4.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/6/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 2.5 µg/L)

MW-45 (15-20 FT)
6/11/2019: ND (< 25 µg/L)
9/27/2019: ND (< 25 µg/L)
11/8/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 25 µg/L)

MW-46 (16-21 FT)
6/11/2019: ND (< 3.3 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/7/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-209S (8-13 FT)
2/8/2020: ND (< 1.0 µg/L)

MW-70 (15-20 FT)
6/11/2019: ND (< 10 µg/L)
9/26/2019: ND (< 5.0 µg/L)
11/7/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 13 µg/L)

MW-208S (9-14 FT)
2/8/2020: ND (< 1.0 µg/L)

MW-71 (15-20 FT)
6/11/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/7/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

TW-16-02 (12-17 FT)
6/10/2019: ND (< 250 µg/L)
9/24/2019: ND (< 330 µg/L)
11/11/2019: ND (< 25 µg/L)
2/3/2020: ND (< 330 µg/L)

PW-16-01 (9.7-19.7 FT)
6/10/2019: ND (< 100 µg/L)
9/24/2019: ND (< 100 µg/L)
11/11/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)

TW-16-01 (12-17 FT)
6/10/2019: ND (< 33 J µg/L)
9/24/2019: ND (< 20 µg/L)
11/11/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 13 µg/L)

HCS Location

EASTERN DIVERSION CHAMBER

MW-219S (7-12 FT)
2/6/2020: ND (< 1.0 µg/L)

VAULT ESD-5

WESTERN DIVERSION CHAMBER

PLYMOUTH RD

LEVAN RD

SSDS Location

LMW-15-01
LMW-15-02
LMW-15-03
LMW-15-04
LMW-15-05
LMW-15-06
LMW-15-07
LMW-15-08
LMW-15-09
LMW-15-10

ESD-1
ESD-2
ESD-3
ESD-4

LEGEND

- ON-SITE MONITORING WELL TRICHLOROETHENE ≤ 5.0 µg/L
- ON-SITE MONITORING WELL TRICHLOROETHENE > 5.0 µg/L
- **BLUE/BOLD TEXT** — EXCEEDANCE OF THE NONRESIDENTIAL DRINKING WATER CRITERIA FROM PAST AND PRESENT SAMPLING EVENTS
- WELL NOT SAMPLED
- VAULT (2 FEET x 2 FEET)
- VAULT (4 FEET x 6 FEET)
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- FORD PROPERTY BOUNDARY

NOTES:
FIGURE ONLY SHOWS THE FOUR MOST RECENT QUARTERS OF DATA (JUNE 2019, SEPTEMBER 2019, NOVEMBER 2019, AND FEBRUARY 2020). FULL SET OF DATA CAN BE FOUND IN THE CORRESPONDING TABLES.

µg/L - MICROGRAMS PER LITER (PARTS PER BILLION)

≤ - LESS THAN OR EQUAL TO

> - GREATER THAN

THE EGLE NONRESIDENTIAL DRINKING WATER CRITERIA FOR TRICHLOROETHENE IS 5.0 µg/L.

FT = SCREENED INTERVAL IN FEET BELOW GROUND SURFACE

"ND", "<" INDICATES VALUE IS BELOW THE LABORATORY REPORTING LIMIT FOR TRICHLOROETHENE.

J = ESTIMATED RESULT

UB = ANALYTE CONSIDERED NON-DETECT AT THE VALUE LISTED DUE TO ASSOCIATED BLANK CONTAMINATION

MW = MONITORING WELL

LMW = LIGHT NON-AQUEOUS PHASE LIQUID MONITORING WELL

EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

HDPE = HIGH-DENSITY POLYETHYLENE

SSDS = SUB-SLAB DEPRESSURIZATION SYSTEM

HCS = HYDRAULIC CONTROL SYSTEM

SDR = STANDARD DIMENSIONAL RATIO

ESD = EASTERN STORM DRAIN

BLUE BOX INDICATES EXCEEDANCE OF THE NONRESIDENTIAL DRINKING WATER CRITERIA ASSOCIATED WITH THE MOST RECENT SAMPLING EVENT

0 300 600
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

ON-SITE MONITORING WELLS TRICHLOROETHENE IN GROUNDWATER

ARCADIS Design & Consultancy for natural and built assets

FIGURE 6

CITY: Novi DIV: ENV DB: MG PROJECT NUMBER: 30042006.0704.03 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
Z:\GISProjects_ENV\NoviBrighton_MI\Ford\LivoniaGIS\docs\GEC\1Q_2020\Figure 6_On-Site GWA TCE.mxd PLOTTED: 4/8/2020 3:33:41 AM BY: Shamayh4948

This document is a DRAFT document that has not received approval from EGLE. This document was prepared pursuant to a court Consent Decree. The opinions, findings, and conclusions expressed are those of the authors and not those of EGLE.

MW-198 (12-17 FT)
11/25/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-15-59D (94-99 FT)
6/13/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/22/2019: ND (< 1.0 µg/L)
2/21/2020: ND (< 1.0 µg/L)

MW-199S (2-7 FT)
11/25/2019: 0.33 J µg/L
2/12/2020: 0.32 J µg/L

MW-114 (5-10 FT)
6/13/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/18/2020: ND (< 1.0 µg/L)

MW-120 (7-12 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-56 (16-21 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/20/2019: 0.21 J µg/L
2/11/2020: ND (< 5.0 µg/L)

MW-55D (19-24 FT)
6/11/2019: 0.34 J µg/L
9/25/2019: ND (< 1.0 µg/L)
11/20/2019: ND (< 1.0 µg/L)
2/12/2020: 0.35 J µg/L

MW-122 (16-21 FT)
9/25/2019: 2.4 µg/L
11/20/2019: 2.6 µg/L
2/13/2020: 2.1 µg/L

MW-54 (16-21 FT)
6/10/2019: 0.87 J µg/L
9/27/2019: 0.84 J µg/L
11/19/2019: 1.2 µg/L
2/12/2020: 1.2 µg/L

MW-198S (2.5-7.5 FT)
11/20/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-124 (5-10 FT)
6/13/2019: 0.40 J µg/L
9/30/2019: ND (< 1.0 µg/L)
11/15/2019: 0.19 J µg/L
2/20/2020: 0.27 J µg/L

MW-27

MW-28 (2-12 FT)
6/11/2019: ND (< 1.0 µg/L)
9/24/2019: ND (< 1.0 µg/L)
11/14/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 5.0 µg/L)

MW-55 (15-20 FT)
6/11/2019: 0.48 J µg/L
9/25/2019: 0.58 J µg/L
11/20/2019: 0.50 J µg/L
2/11/2020: ND (< 5.0 µg/L)

MW-54S (4.5-9.5 FT)
6/10/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 J µg/L)
11/19/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-197S (3-8 FT)
11/25/2019: 2.1 µg/L
2/11/2020: 2.2 µg/L

LMW-15-07

MW-58 (15-20 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/14/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 5.0 µg/L)

VAULT V-ESD-1

MW-62 (16.3-21.3 FT)
6/12/2019: 0.62 J µg/L
9/27/2019: 0.65 J µg/L
11/5/2019: 1.5 µg/L
2/11/2020: 1.0 µg/L

MW-57 (17-22 FT)
6/11/2019: 0.77 J µg/L
9/27/2019: 0.90 J µg/L
11/19/2019: 0.96 J µg/L
2/12/2020: 0.60 J µg/L

MW-53 (16-21 FT)
6/10/2019: ND (< 1.0 µg/L)
9/28/2019: 0.84 J µg/L
11/20/2019: 0.80 J µg/L
2/12/2020: 0.20 J µg/L

MW-113 (5-10 FT)
6/12/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/18/2020: ND (< 1.0 µg/L)

MW-26 (4.5-14.5 FT)
6/13/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/18/2020: ND (< 1.0 µg/L)

TW-16-04 (9-19 FT)
6/11/2019: 51 µg/L
9/27/2019: 49 µg/L
11/14/2019: 46 µg/L
2/4/2020: 22 µg/L

TW-16-03 (9-19 FT)
6/11/2019: 20 µg/L
9/27/2019: 53 µg/L
11/14/2019: 87 µg/L
2/11/2020: 82 µg/L

MW-52 (15-20 FT)
6/15/2019: 3.4 µg/L
9/28/2019: 5.9 µg/L
11/23/2019: 4.7 µg/L
2/8/2020: 4.3 µg/L

MW-43 (17-22 FT)
6/15/2019: 1.5 µg/L
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: 0.33 J µg/L
2/8/2020: ND (< 1.0 µg/L)

LMW-15-06

LMW-15-08

LMW-15-10

MW-196 (12-17 FT)
11/20/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 25 µg/L)

MW-196S (2-7 FT)
11/20/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-29 (5-15 FT)
6/12/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/20/2019: 0.20 J µg/L
2/21/2020: ND (< 1.0 µg/L)

PW-16-02 (6-21 FT)
6/11/2019: ND (< 1.0 µg/L)
11/14/2019: 0.40 J µg/L
2/4/2020: ND (< 1.0 µg/L)

MW-50 (16-21 FT)
6/12/2019: 200 µg/L
9/20/2019: 120 µg/L
11/5/2019: 120 µg/L
2/11/2020: 110 µg/L

ESD-1

MW-213S (6-11 FT)
2/8/2020: 0.79 J µg/L

MW-212S (6.5-11.5 FT)
2/8/2020: 0.84 J µg/L

MW-195S (2-7 FT)
11/20/2019: 16 µg/L
2/10/2020: ND (< 100 µg/L)

MW-194S (2-7 FT)
11/20/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-194 (12-17 FT)
11/20/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

VAULT V-ESD-2

MW-64 (15-20 FT)
6/11/2019: 1.7 µg/L
9/27/2019: 9.9 µg/L
11/15/2019: 7.3 µg/L
2/3/2020: 0.69 J µg/L

MW-35 (19.5-24.5 FT)
6/15/2019: 6.7 µg/L
9/28/2019: 2.6 µg/L
11/23/2019: 3.2 µg/L
2/8/2020: 4.0 µg/L

LMW-15-09

MW-63 (7-12 FT)
6/12/2019: ND (< 1.0 µg/L)
9/20/2019: 0.24 J µg/L
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-65 (16-21 FT)
6/12/2019: 41 µg/L
9/18/2019: 25 µg/L
11/5/2019: 45 µg/L
2/4/2020: 20 µg/L

MW-48 (17-22 FT)
6/13/2019: ND (< 1.0 µg/L)
9/20/2019: 1.6 µg/L
11/6/2019: 0.57 J µg/L
2/11/2020: ND (< 1.0 µg/L)

MW-211S (7-12 FT)
2/8/2020: ND (< 1.0 µg/L)

MW-200S (5-10 FT)
11/21/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-51 (15-20 FT)
6/12/2019: 0.36 J µg/L
9/24/2019: 0.28 J µg/L
11/15/2019: 0.61 J µg/L
2/4/2020: ND (< 1.0 µg/L)

MW-66 (15-20 FT)
6/10/2019: 1.5 µg/L
9/19/2019: ND (< 1.0 UB µg/L)
11/5/2019: 0.81 J µg/L
2/10/2020: 2.4 µg/L

ESD-2

MW-42 (16-21 FT)
6/15/2019: 0.67 J µg/L
9/28/2019: 0.92 J µg/L
11/23/2019: 1.1 µg/L
2/8/2020: 0.70 J µg/L

MW-15-61D (88-93 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-200 (15-20 FT)
11/21/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

LMW-15-02

MW-19 (15-20 FT)
6/12/2019: 0.73 J µg/L
9/24/2019: 1.2 µg/L
11/20/2019: 1.4 µg/L
2/20/2020: 1.1 µg/L

MW-44 (16-21 FT)
6/11/2019: 180 µg/L
9/19/2019: 270 µg/L
11/12/2019: 340 µg/L
2/6/2020: 260 J µg/L

VAULT V-ESD-3

MW-67 (9-14 FT)
6/13/2019: ND (< 3.3 µg/L)
9/20/2019: 0.72 J µg/L
11/6/2019: 0.91 J µg/L
2/13/2020: ND (< 3.3 µg/L)

MW-34 (16.5-21.5 FT)
6/15/2019: 0.89 J µg/L
9/28/2019: 2.2 µg/L
11/23/2019: 1.8 µg/L
2/8/2020: 0.53 J µg/L

MW-47 (16-21 FT)
6/12/2019: 120 µg/L
9/25/2019: 94 µg/L
11/6/2019: 96 µg/L
2/7/2020: 74 µg/L

MW-68 (15-20 FT)
6/12/2019: 19 µg/L
9/25/2019: 6.8 µg/L
11/7/2019: 17 µg/L
2/12/2020: 10 µg/L

MW-210S (8-13 FT)
2/8/2020: 12 µg/L

MW-3 (14-19 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/19/2019: ND (< 1.0 µg/L)
2/19/2020: ND (< 1.0 µg/L)

MW-21 (13.5-18.5 FT)
6/13/2019: 2,400 µg/L
9/25/2019: 3,000 µg/L
11/13/2019: 6,600 µg/L
2/14/2020: 2,500 µg/L

LMW-15-05

SSDS Location

LMW-15-03

MW-22 (16.5-21.5 FT)
6/10/2019: 2,600 µg/L
9/19/2019: 830 µg/L
11/12/2019: 860 µg/L
2/10/2020: 1,300 µg/L

MW-46 (16-21 FT)
6/11/2019: 87 µg/L
9/25/2019: 20 µg/L
11/7/2019: 32 µg/L
2/12/2020: 17 µg/L

MW-41 (16-21 FT)
6/15/2019: 1.9 µg/L
9/28/2019: 1.5 µg/L
11/23/2019: 2.7 µg/L
2/8/2020: 1.5 µg/L

MW-209S (8-13 FT)
2/8/2020: 0.29 J µg/L

VAULT V-ESD-4

MW-201 (17-22 FT)
11/19/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)

MW-201S (3.5-8.5 FT)
11/19/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 5.0 µg/L)

LEVAN RD

MW-5 (15.5-20.5 FT)
6/11/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/20/2019: ND (< 1.0 µg/L)
2/19/2020: ND (< 1.0 µg/L)

MW-10 (16.5-21.5 FT)
6/11/2019: 3,600 µg/L
9/27/2019: 3,000 µg/L
11/19/2019: 2,700 µg/L
2/19/2020: 5,300 µg/L

MW-49 (12.5-17.5 FT)
6/11/2019: 7,100 µg/L
9/27/2019: 8,100 µg/L
11/13/2019: 7,800 µg/L
2/13/2020: 7,000 µg/L

PW-16-01 (9.7-19.7 FT)
6/10/2019: 2,100 µg/L
9/24/2019: 2,000 µg/L
11/11/2019: 450 µg/L
2/7/2020: 1.8 µg/L

MW-70 (15-20 FT)
6/11/2019: 230 µg/L
9/26/2019: 340 µg/L
11/7/2019: 440 µg/L
2/7/2020: 370 µg/L

MW-69 (15-20 FT)
6/12/2019: 3.6 µg/L
9/23/2019: 3.5 µg/L
11/21/2019: 4.2 µg/L
2/3/2020: 3.5 µg/L

MW-221S (6.5-11.5 FT)
2/4/2020: ND (< 1.0 µg/L)

LMW-15-04

TW-16-02 (12-17 FT)
6/10/2019: 5,800 µg/L
9/24/2019: 7,600 µg/L
11/11/2019: 5,700 µg/L
2/3/2020: 7,000 µg/L

MW-208S (9-14 FT)
2/8/2020: ND (< 1.0 µg/L)

MW-4 (15.5-20.5 FT)
6/11/2019: ND (< 1,000 µg/L)
9/25/2019: 670 J µg/L
11/19/2019: 870 µg/L
2/19/2020: 1,300 µg/L

MW-14 (15-20 FT)
6/12/2019: ND (< 1.0 µg/L)
9/23/2019: ND (< 1.0 µg/L)
11/21/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)

MW-18 (13-18 FT)
6/10/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/12/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

TW-16-01 (12-17 FT)
6/10/2019: 550 µg/L
9/24/2019: 420 µg/L
11/11/2019: 480 µg/L
2/7/2020: 370 µg/L

MW-71 (15-20 FT)
6/11/2019: 0.77 J µg/L
9/27/2019: 0.41 J µg/L
11/7/2019: 0.83 J µg/L
2/12/2020: 0.29 J µg/L

MW-31 (17-22 FT)
6/15/2019: ND (< 1.0 µg/L)
9/28/2019: ND (< 1.0 µg/L)
11/23/2019: ND (< 1.0 µg/L)
2/8/2020: ND (< 1.0 µg/L)

MW-25 (16-21 FT)
6/10/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 1.0 µg/L)

MW-1 (14-19 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/14/2020: ND (< 1.0 µg/L)

MW-2 (15.5-20.5 FT)
6/11/2019: 190 µg/L
9/25/2019: 200 µg/L
11/20/2019: 160 µg/L
2/19/2020: 280 µg/L

MW-7 (18-23 FT)
6/10/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/22/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)

MW-24 (19-24 FT)
6/11/2019: ND (< 1.0 µg/L)
9/23/2019: ND (< 1.0 µg/L)
11/22/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-220S (6-11 FT)
2/4/2020: ND (< 1.0 µg/L)

LMW-15-01

MW-23 (15-20 FT)
6/10/2019: 670 J µg/L
9/24/2019: 1,600 J µg/L
11/11/2019: 380 µg/L
2/7/2020: ND (< 200 µg/L)

HCS Location

MW-45 (15-20 FT)
6/11/2019: 540 µg/L
9/27/2019: 310 µg/L
11/8/2019: 210 µg/L
2/12/2020: 640 µg/L

MW-40 (20-25 FT)
6/15/2019: 0.26 J µg/L
9/28/2019: 0.90 J µg/L
11/23/2019: 0.70 J µg/L
2/8/2020: 0.28 J µg/L

MW-32 (18-23 FT)
6/11/2019: 0.35 J µg/L
9/24/2019: 0.43 J µg/L
11/14/2019: 0.70 J µg/L
2/10/2020: ND (< 1.0 µg/L)

MW-15-60D (93-98 FT)
6/13/2019: ND (< 1.0 µg/L)
9/27/2019: ND (< 1.0 µg/L)
11/22/2019: ND (< 1.0 µg/L)
2/21/2020: ND (< 1.0 µg/L)

MW-219S (7-12 FT)
2/6/2020: ND (< 1.0 µg/L)

EASTERN DIVERSION CHAMBER

VAULT V-ESD-5

MW-218S (9-14 FT)
2/20/2020: ND (< 1.0 µg/L)

MW-224S (7-12 FT)
2/4/2020: ND (< 1.0 µg/L)

MW-36 (20-25 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/21/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)

MW-222S (5.5-10.5 FT)
2/6/2020: ND (< 1.0 µg/L)

MW-9 (19.5-24.5 FT)
6/10/2019: 1.2 µg/L
9/23/2019: 0.98 J µg/L
11/21/2019: 0.81 J µg/L
2/10/2020: 0.20 J µg/L

MW-20 (13.5-18.5 FT)
6/12/2019: ND (< 1.0 µg/L)
9/26/2019: ND (< 1.0 µg/L)
11/12/2019: ND (< 1.0 µg/L)

MW-37 (18-23 FT)
6/12/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/14/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 1.0 µg/L)

MW-38 (15-20 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/8/2019: ND (< 1.0 µg/L)
2/6/2020: ND (< 1.0 µg/L)

MW-33 (14-19 FT)
6/11/2019: ND (< 1.0 µg/L)
9/25/2019: ND (< 1.0 µg/L)
11/8/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)

MW-39 (20-25 FT)
6/11/2019: ND (< 1.0 µg/L)
9/24/2019: ND (< 1.0 µg/L)
11/8/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

WESTERN DIVERSION CHAMBER

LEGEND

- ON-SITE MONITORING WELL VINYL CHLORIDE ≤ 2.0 µg/L
- ON-SITE MONITORING WELL VINYL CHLORIDE > 2.0 µg/L
- **BLUE/BOLD TEXT** EXCEEDANCE OF THE NONRESIDENTIAL DRINKING WATER CRITERIA FROM PAST AND PRESENT SAMPLING EVENTS
- WELL NOT SAMPLED
- VAULT (2 FEET x 2 FEET)
- VAULT (4 FEET x 6 FEET)
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- FORD PROPERTY BOUNDARY

NOTES:
FIGURE ONLY SHOWS THE FOUR MOST RECENT QUARTERS OF DATA (JUNE 2019, SEPTEMBER 2019, NOVEMBER 2019, AND FEBRUARY 2020). FULL SET OF DATA CAN BE FOUND IN THE CORRESPONDING TABLES.

µg/L - MICROGRAMS PER LITER (PARTS PER BILLION)

≤ - LESS THAN OR EQUAL TO

> - GREATER THAN

THE EGLE NONRESIDENTIAL DRINKING WATER CRITERIA FOR VINYL CHLORIDE IS 2.0 µg/L.

FT = SCREENED INTERVAL IN FEET BELOW GROUND SURFACE

"ND", "<" INDICATES VALUE IS BELOW THE LABORATORY REPORTING LIMIT FOR VINYL CHLORIDE.

J = ESTIMATED RESULT

UB = ANALYTE CONSIDERED NON-DETECT AT THE VALUE LISTED DUE TO ASSOCIATED BLANK CONTAMINATION

MW = MONITORING WELL

LMW = LIGHT NON-AQUEOUS PHASE LIQUID MONITORING WELL

EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

HDPE = HIGH-DENSITY POLYETHYLENE

SSDS = SUB-SLAB DEPRESSURIZATION SYSTEM

HCS = HYDRAULIC CONTROL SYSTEM

SDR = STANDARD DIMENSIONAL RATIO

ESD = EASTERN STORM DRAIN

BLUE BOX INDICATES EXCEEDANCE OF THE NONRESIDENTIAL DRINKING WATER CRITERIA ASSOCIATED WITH THE MOST RECENT SAMPLING EVENT

0 300 600
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

ON-SITE MONITORING WELLS VINYL CHLORIDE IN GROUNDWATER

ARCADIS Design & Consultancy for natural and built assets

FIGURE 7

CITY: Novi DIV: ENV DB: MG PROJECT NUMBER: 30042006.0704.03 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
Z:\GISProjects_ENV\NoviBrighton_MI\Ford\Livonia\GIS\docs\GEC\1Q_2020\Figure 7_On-Site GWA VC.mxd PLOTTED: 4/7/2020 10:28:29 PM BY: Shamrayh4948

This document is a DRAFT document that has not received approval from EGLE. This document was prepared pursuant to a court Consent Decree. The opinions, findings, and conclusions expressed are those of the authors and not those of EGLE.

MW-198 (12-17 FT)
11/25/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)

MW-15-59D (94-99 FT)
6/13/2019: ND (< 2.0 µg/L)
9/27/2019: ND (< 2.0 µg/L)
11/22/2019: ND (< 2.0 µg/L)
2/21/2020: ND (< 2.0 µg/L)

MW-198S (2.5-7.5 FT)
11/20/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)

MW-199S (2-7 FT)
11/25/2019: 2.6 µg/L
2/12/2020: 2.9 µg/L

MW-197S (3-8 FT)
11/25/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)

MW-124 (5-10 FT)
6/13/2019: ND (< 2.0 µg/L)
9/30/2019: ND (< 2.0 µg/L)
11/15/2019: ND (< 2.0 µg/L)
2/20/2020: ND (< 2.0 µg/L)

MW-196 (12-17 FT)
11/20/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)

MW-196S (2-7 FT)
11/20/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)

MW-195S (2-7 FT)
11/20/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)

MW-194S (2-7 FT)
11/20/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)

MW-194 (12-17 FT)
11/20/2019: 1.5 J µg/L
2/10/2020: 1.7 J µg/L

MW-200 (15-20 FT)
11/21/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)

MW-200S (5-10 FT)
11/21/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)

MW-113 (5-10 FT)
6/12/2019: ND (< 2.0 µg/L)
9/25/2019: ND (< 2.0 µg/L)
11/15/2019: ND (< 2.0 µg/L)
2/18/2020: ND (< 2.0 µg/L)

MW-114 (5-10 FT)
6/13/2019: ND (< 2.0 µg/L)
9/25/2019: ND (< 2.0 µg/L)
11/15/2019: ND (< 2.0 µg/L)
2/18/2020: ND (< 2.0 µg/L)

MW-27

LMW-15-07

MW-26 (4.5-14.5 FT)
6/13/2019: ND (< 2.0 µg/L)
9/25/2019: ND (< 2.0 µg/L)
11/15/2019: ND (< 2.0 µg/L)
2/18/2020: ND (< 2.0 µg/L)

LMW-15-06

LMW-15-08

LMW-15-10

LMW-15-09

MW-28 (2-12 FT)
6/11/2019: ND (< 2.0 µg/L)
9/24/2019: 0.93 J µg/L
11/14/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)

MW-29 (5-15 FT)
6/12/2019: ND (< 2.0 µg/L)
9/25/2019: 0.92 J µg/L
11/20/2019: 0.60 J µg/L
2/21/2020: ND (< 2.0 µg/L)

MW-120 (7-12 FT)
6/15/2019: ND (< 2.0 µg/L)
9/28/2019: ND (< 2.0 µg/L)
11/23/2019: ND (< 2.0 µg/L)
2/8/2020: ND (< 2.0 µg/L)

MW-56 (16-21 FT)
6/11/2019: 3.7 µg/L
9/25/2019: 2.4 µg/L
11/20/2019: 0.49 J µg/L
2/11/2020: ND (< 2.0 µg/L)

MW-55 (15-20 FT)
6/11/2019: 1.2 J µg/L
9/25/2019: ND (< 2.0 µg/L)
11/20/2019: 0.65 J µg/L
2/11/2020: ND (< 2.0 µg/L)

MW-55D (19-24 FT)
6/11/2019: 2.8 µg/L
9/25/2019: 2.6 µg/L
11/20/2019: 1.8 J µg/L
2/12/2020: 1.4 J µg/L

MW-54 (16-21 FT)
6/10/2019: 3.0 µg/L
9/27/2019: 2.2 µg/L
11/19/2019: 2.4 µg/L
2/12/2020: 2.5 µg/L

MW-122 (16-21 FT)
9/25/2019: 1.9 J µg/L
11/20/2019: 0.93 J µg/L
2/13/2020: 1.3 J µg/L

MW-54S (4.5-9.5 FT)
6/10/2019: ND (< 2.0 µg/L)
9/27/2019: ND (< 2.0 µg/L)
11/19/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)

MW-57 (17-22 FT)
6/11/2019: 3.6 µg/L
9/27/2019: 3.3 µg/L
11/19/2019: 1.8 J µg/L
2/12/2020: 1.2 J µg/L

MW-58 (15-20 FT)
6/11/2019: 11 µg/L
9/25/2019: 8.6 µg/L
11/14/2019: 9.0 µg/L
2/11/2020: 4.1 µg/L

TW-16-03 (9-19 FT)
6/11/2019: ND (< 2.0 µg/L)
9/27/2019: 0.93 J µg/L
11/14/2019: 0.43 J µg/L
2/11/2020: ND (< 2.0 µg/L)

VAULT V-ESD-1

MW-62 (16.3-21.3 FT)
6/12/2019: 2.0 µg/L
9/27/2019: 3.1 µg/L
11/5/2019: 3.0 µg/L
2/11/2020: 4.7 µg/L

MW-53 (16-21 FT)
6/10/2019: 2.5 µg/L
9/28/2019: 1.5 J µg/L
11/20/2019: 1.3 J µg/L
2/12/2020: 1.5 J µg/L

MW-52 (15-20 FT)
6/15/2019: 1.2 J µg/L
9/28/2019: 1.1 J µg/L
11/23/2019: 0.64 J µg/L
2/8/2020: 1.5 J µg/L

PW-16-02 (6-21 FT)
6/11/2019: ND (< 2.0 µg/L)
9/27/2019: 1.4 J µg/L
11/14/2019: ND (< 2.0 µg/L)
2/4/2020: ND (< 2.0 µg/L)

MW-50 (16-21 FT)
6/12/2019: 3.3 µg/L
9/20/2019: 3.1 µg/L
11/5/2019: 2.0 µg/L
2/11/2020: 1.7 J µg/L

MW-43 (17-22 FT)
6/15/2019: 2.7 µg/L
9/28/2019: 4.4 µg/L
11/23/2019: 3.6 µg/L
2/8/2020: 3.5 µg/L

ESD-1

TW-16-04 (9-19 FT)
6/11/2019: 1.1 J µg/L
9/27/2019: ND (< 2.0 µg/L)
11/14/2019: 0.86 J µg/L
2/4/2020: ND (< 2.0 µg/L)

MW-63 (7-12 FT)
6/12/2019: ND (< 2.0 µg/L)
9/20/2019: ND (< 2.0 µg/L)
11/5/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)

MW-213S (6-11 FT)
2/8/2020: ND (< 2.0 µg/L)

VAULT V-ESD-2

MW-64 (15-20 FT)
6/11/2019: ND (< 2.0 µg/L)
9/27/2019: ND (< 2.0 µg/L)
11/15/2019: 0.50 J µg/L
2/3/2020: ND (< 2.0 µg/L)

MW-212S (6.5-11.5 FT)
2/8/2020: ND (< 2.0 µg/L)

MW-35 (19.5-24.5 FT)
6/15/2019: 5.2 µg/L
9/28/2019: 5.0 µg/L
11/23/2019: 2.8 µg/L
2/8/2020: 4.5 µg/L

MW-66 (15-20 FT)
6/10/2019: ND (< 2.0 µg/L)
9/19/2019: ND (< 2.0 µg/L)
11/5/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)

MW-65 (16-21 FT)
6/12/2019: 3.8 µg/L
9/18/2019: 4.2 µg/L
11/5/2019: 4.2 µg/L
2/4/2020: 4.2 µg/L

MW-211S (7-12 FT)
2/8/2020: ND (< 2.0 µg/L)

MW-42 (16-21 FT)
6/15/2019: 2.5 µg/L
9/28/2019: 3.0 µg/L
11/23/2019: 2.4 µg/L
2/8/2020: 3.0 µg/L

MW-15-61D (88-93 FT)
6/15/2019: ND (< 2.0 µg/L)
9/28/2019: ND (< 2.0 µg/L)
11/23/2019: ND (< 2.0 µg/L)
2/8/2020: ND (< 2.0 µg/L)

MW-51 (15-20 FT)
6/12/2019: 2.2 µg/L
9/24/2019: 3.2 µg/L
11/15/2019: 2.1 µg/L
2/4/2020: 1.9 J µg/L

MW-47 (16-21 FT)
6/12/2019: ND (< 2.0 µg/L)
9/25/2019: ND (< 2.0 µg/L)
11/6/2019: ND (< 2.0 µg/L)
2/7/2020: ND (< 2.0 µg/L)

MW-48 (17-22 FT)
6/13/2019: ND (< 2.0 µg/L)
9/20/2019: 5.3 µg/L
11/6/2019: 2.5 µg/L
2/11/2020: ND (< 2.0 µg/L)

MW-34 (16.5-21.5 FT)
6/15/2019: 5.6 µg/L
9/28/2019: 7.2 µg/L
11/23/2019: 5.5 µg/L
2/8/2020: 5.7 µg/L

MW-44 (16-21 FT)
6/11/2019: 14 µg/L
9/19/2019: 14 µg/L
11/12/2019: 12 µg/L
2/6/2020: 10 µg/L

VAULT V-ESD-3

MW-67 (9-14 FT)
6/13/2019: ND (< 2.0 µg/L)
9/20/2019: ND (< 2.0 µg/L)
11/6/2019: ND (< 2.0 µg/L)
2/13/2020: ND (< 2.0 µg/L)

MW-210S (8-13 FT)
2/8/2020: ND (< 2.0 µg/L)

MW-41 (16-21 FT)
6/15/2019: 1.3 J µg/L
9/28/2019: 1.2 J µg/L
11/23/2019: 1.5 J µg/L
2/8/2020: 1.7 J µg/L

MW-19 (15-20 FT)
6/12/2019: 190 µg/L
9/24/2019: 350 µg/L
11/20/2019: 290 µg/L
2/20/2020: 540 µg/L

MW-22 (16.5-21.5 FT)
6/10/2019: 40 µg/L
9/19/2019: 3.0 µg/L
11/12/2019: 12 µg/L
2/10/2020: 15 µg/L

MW-46 (16-21 FT)
6/11/2019: 11 µg/L
9/25/2019: 4.8 µg/L
11/7/2019: 7.7 µg/L
2/12/2020: 2.7 µg/L

MW-68 (15-20 FT)
6/12/2019: ND (< 2.0 µg/L)
9/25/2019: ND (< 2.0 µg/L)
11/7/2019: 0.57 J µg/L
2/12/2020: ND (< 2.0 µg/L)

MW-209S (8-13 FT)
2/8/2020: ND (< 2.0 µg/L)

MW-3 (14-19 FT)
6/11/2019: 1.8 J µg/L
9/25/2019: 1.5 J µg/L
11/19/2019: 1.1 J µg/L
2/19/2020: 1.5 J µg/L

LMW-15-05

LMW-15-03

SSDS Location

MW-201 (17-22 FT)
11/19/2019: ND (< 2.0 µg/L)
2/13/2020: ND (< 2.0 µg/L)

MW-5 (15.5-20.5 FT)
6/11/2019: ND (< 2.0 µg/L)
9/27/2019: ND (< 2.0 µg/L)
11/20/2019: ND (< 2.0 µg/L)
2/19/2020: ND (< 2.0 µg/L)

MW-10 (16.5-21.5 FT)
6/11/2019: 6.1 µg/L
9/27/2019: 5.0 µg/L
11/19/2019: 5.6 µg/L
2/19/2020: 5.3 µg/L

MW-21 (13.5-18.5 FT)
6/13/2019: 6.3 µg/L
9/25/2019: 58 µg/L
11/13/2019: 45 µg/L
2/14/2020: 33 µg/L

PW-16-01 (9.7-19.7 FT)
6/10/2019: 3.0 µg/L
9/24/2019: 1.3 J µg/L
11/11/2019: ND (< 2.0 µg/L)
2/7/2020: ND (< 2.0 µg/L)

MW-70 (15-20 FT)
6/11/2019: 3.9 µg/L
9/26/2019: 4.2 µg/L
11/7/2019: 5.2 µg/L
2/7/2020: 4.5 µg/L

VAULT V-ESD-4

MW-45 (15-20 FT)
6/11/2019: 0.94 J µg/L
9/27/2019: ND (< 2.0 µg/L)
11/8/2019: 0.45 J µg/L
2/12/2020: ND (< 2.0 µg/L)

MW-30 (19-24 FT)
6/15/2019: 13 µg/L
9/28/2019: 14 µg/L
11/23/2019: 9.2 µg/L
2/8/2020: 12 µg/L

MW-208S (9-14 FT)
2/8/2020: ND (< 2.0 µg/L)

MW-221S (6.5-11.5 FT)
2/4/2020: ND (< 2.0 µg/L)

MW-4 (15.5-20.5 FT)
6/11/2019: 1.9 J µg/L
9/25/2019: 1.8 J µg/L
11/19/2019: ND (< 10 µg/L)
2/19/2020: ND (< 20 µg/L)

LMW-15-04

MW-14 (15-20 FT)
6/12/2019: ND (< 2.0 µg/L)
9/23/2019: ND (< 2.0 µg/L)
11/21/2019: ND (< 2.0 µg/L)
2/3/2020: 0.90 J µg/L

MW-49 (12.5-17.5 FT)
6/11/2019: 6.1 µg/L
9/27/2019: 8.9 µg/L
11/13/2019: 15 µg/L
2/13/2020: 7.3 µg/L

TW-16-02 (12-17 FT)
6/10/2019: 2.8 µg/L
9/24/2019: 2.2 µg/L
11/11/2019: 2.0 µg/L
2/3/2020: 1.8 J µg/L

MW-69 (15-20 FT)
6/12/2019: 6.7 µg/L
9/23/2019: 5.3 µg/L
11/21/2019: 4.1 µg/L
2/3/2020: 5.0 µg/L

MW-31 (17-22 FT)
6/15/2019: ND (< 2.0 µg/L)
9/28/2019: ND (< 2.0 µg/L)
11/23/2019: ND (< 2.0 µg/L)
2/8/2020: ND (< 2.0 µg/L)

MW-25 (16-21 FT)
6/10/2019: 4.3 µg/L
9/25/2019: 4.9 µg/L
11/15/2019: 6.6 µg/L
2/6/2020: 5.7 µg/L

MW-18 (13-18 FT)
6/10/2019: ND (< 2.0 µg/L)
9/25/2019: ND (< 2.0 µg/L)
11/12/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)

MW-23 (15-20 FT)
6/10/2019: ND (< 2.0 UB µg/L)
9/24/2019: ND (< 2.0 J µg/L)
11/11/2019: 0.35 J µg/L
2/7/2020: ND (< 2.0 µg/L)

MW-2 (15.5-20.5 FT)
6/11/2019: 5.8 µg/L
9/25/2019: 4.9 µg/L
11/20/2019: 4.9 µg/L
2/19/2020: 4.7 µg/L

LMW-15-01

MW-1 (14-19 FT)
6/11/2019: ND (< 2.0 µg/L)
9/25/2019: ND (< 2.0 µg/L)
11/15/2019: ND (< 2.0 µg/L)
2/14/2020: ND (< 2.0 µg/L)

MW-7 (18-23 FT)
6/10/2019: ND (< 2.0 µg/L)
9/25/2019: ND (< 2.0 µg/L)
11/22/2019: ND (< 2.0 µg/L)
2/7/2020: ND (< 2.0 µg/L)

MW-9 (19.5-24.5 FT)
6/10/2019: 5.2 µg/L
9/23/2019: 4.2 µg/L
11/21/2019: 3.1 µg/L
2/10/2020: ND (< 2.0 µg/L)

MW-220S (6-11 FT)
2/4/2020: ND (< 2.0 µg/L)

MW-20 (13.5-18.5 FT)
6/12/2019: ND (< 2.0 µg/L)
9/26/2019: ND (< 2.0 µg/L)
11/12/2019: ND (< 2.0 µg/L)

HCS Location

TW-16-01 (12-17 FT)
6/10/2019: ND (< 2.0 UB µg/L)
9/24/2019: ND (< 2.0 µg/L)
11/11/2019: ND (< 2.0 µg/L)
2/7/2020: ND (< 2.0 µg/L)

MW-71 (15-20 FT)
6/11/2019: 1.6 J µg/L
9/27/2019: 1.3 J µg/L
11/7/2019: 1.3 J µg/L
2/12/2020: ND (< 2.0 µg/L)

MW-40 (20-25 FT)
6/15/2019: ND (< 2.0 µg/L)
9/28/2019: ND (< 2.0 µg/L)
11/23/2019: ND (< 2.0 µg/L)
2/8/2020: ND (< 2.0 µg/L)

MW-219S (7-12 FT)
2/6/2020: ND (< 2.0 µg/L)

EASTERN DIVERSION CHAMBER

VAULT V-ESD-5

MW-32 (18-23 FT)
6/11/2019: ND (< 2.0 µg/L)
9/24/2019: ND (< 2.0 µg/L)
11/14/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)

MW-15-60D (93-98 FT)
6/13/2019: ND (< 2.0 µg/L)
9/27/2019: ND (< 2.0 µg/L)
11/22/2019: ND (< 2.0 µg/L)
2/21/2020: ND (< 2.0 µg/L)

MW-224S (7-12 FT)
2/4/2020: ND (< 2.0 µg/L)

MW-36 (20-25 FT)
6/11/2019: ND (< 2.0 µg/L)
9/25/2019: ND (< 2.0 µg/L)
11/21/2019: ND (< 2.0 µg/L)
2/7/2020: ND (< 2.0 µg/L)

MW-222S (5.5-10.5 FT)
2/6/2020: ND (< 2.0 µg/L)

MW-24 (19-24 FT)
6/11/2019: ND (< 2.0 µg/L)
9/23/2019: ND (< 2.0 µg/L)
11/22/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)

MW-37 (18-23 FT)
6/12/2019: ND (< 2.0 µg/L)
9/25/2019: ND (< 2.0 µg/L)
11/14/2019: ND (< 2.0 µg/L)
2/6/2020: ND (< 2.0 µg/L)

MW-38 (15-20 FT)
6/11/2019: ND (< 2.0 µg/L)
9/25/2019: ND (< 2.0 µg/L)
11/8/2019: 0.39 J µg/L
2/6/2020: ND (< 2.0 µg/L)

MW-33 (14-19 FT)
6/11/2019: ND (< 2.0 µg/L)
9/25/2019: ND (< 2.0 µg/L)
11/8/2019: ND (< 2.0 µg/L)
2/7/2020: ND (< 2.0 µg/L)

MW-39 (20-25 FT)
6/11/2019: ND (< 2.0 µg/L)
9/24/2019: ND (< 2.0 µg/L)
11/8/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)

MW-218S (9-14 FT)
2/20/2020: ND (< 2.0 µg/L)

WESTERN DIVERSION CHAMBER

LEVAN RD

ESD-2

ESD-3

ESD-4

LEGEND

- ON-SITE MONITORING WELL 1,4-DIOXANE ≤ 350 µg/L
- ON-SITE MONITORING WELL 1,4-DIOXANE > 350 µg/L
- BLUE/BOLD TEXT — EXCEEDANCE OF THE NONRESIDENTIAL DRINKING WATER CRITERIA FROM PAST AND PRESENT SAMPLING EVENTS
- WELL NOT SAMPLED
- VAULT (2 FEET x 2 FEET)
- VAULT (4 FEET x 6 FEET)
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- FORD PROPERTY BOUNDARY

NOTES:
FIGURE ONLY SHOWS THE FOUR MOST RECENT QUARTERS OF DATA (JUNE 2019, SEPTEMBER 2019, NOVEMBER 2019, AND FEBRUARY 2020). FULL SET OF DATA CAN BE FOUND IN THE CORRESPONDING TABLES.

µg/L - MICROGRAMS PER LITER (PARTS PER BILLION)

≤ - LESS THAN OR EQUAL TO

> - GREATER THAN

THE EGLE NONRESIDENTIAL DRINKING WATER CRITERIA FOR 1,4-DIOXANE IS 350 µg/L.

FT = SCREENED INTERVAL IN FEET BELOW GROUND SURFACE

"ND", "<" INDICATES VALUE IS BELOW THE LABORATORY REPORTING LIMIT FOR 1,4-DIOXANE.

J = ESTIMATED RESULT

UB = ANALYTE CONSIDERED NON-DETECT AT THE VALUE LISTED DUE TO ASSOCIATED BLANK CONTAMINATION

MW = MONITORING WELL

LMW = LIGHT NON-AQUEOUS PHASE LIQUID MONITORING WELL

EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

HDPE = HIGH-DENSITY POLYETHYLENE

SSDS = SUB-SLAB DEPRESSURIZATION SYSTEM

HCS = HYDRAULIC CONTROL SYSTEM

SDR = STANDARD DIMENSIONAL RATIO

ESD = EASTERN STORM DRAIN

BLUE BOX INDICATES EXCEEDANCE OF THE NONRESIDENTIAL DRINKING WATER CRITERIA ASSOCIATED WITH THE MOST RECENT SAMPLING EVENT

0 300 600
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

ON-SITE MONITORING WELLS 1,4-DIOXANE IN GROUNDWATER

ARCADIS Design & Consultancy for natural and built assets

FIGURE 8

CITY: Novi DIV: ENV DB: MG PROJECT NUMBER: 30042006.0704.03 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
Z:\GISProjects_ENV\NoviBrighton_MI\FordLivonia\GIS\docs\GEC\1Q_2020\Figure 8_On-Site GWA DX.mxd PLOTTED: 4/7/2020 10:38:20 PM BY: Shamayh4948

This document is a DRAFT document that has not received approval from EGLE. This document was prepared pursuant to a court Consent Decree. The opinions, findings, and conclusions expressed are those of the authors and not those of EGLE.

MW-102 (10-15 FT)
5/17/2019: 1.1 J µg/L
9/18/2019: 1.0 J µg/L
11/18/2019: 1.0 J µg/L
2/14/2020: 1.4 J µg/L

MW-105S (2.5-12.5 FT)
5/14/2019: ND (< 2.0 µg/L)
9/16/2019: ND (< 2.0 µg/L)
11/13/2019: 0.55 J µg/L
2/12/2020: ND (< 2.0 µg/L)

MW-131S (2.5-12.5 FT)
5/14/2019: 1.3 J µg/L
9/16/2019: 1.3 J µg/L
11/12/2019: 0.52 J µg/L
2/4/2020: ND (< 2.0 µg/L)

MW-132S (2.5-12.5 FT)
5/14/2019: ND (< 2.0 µg/L)
9/16/2019: ND (< 2.0 µg/L)
11/12/2019: ND (< 2.0 µg/L)
2/4/2020: ND (< 2.0 µg/L)

MW-85SR (4.5-9.5 FT)
4/12/2019: ND (< 2.0 µg/L)
9/17/2019: ND (< 2.0 µg/L)
11/13/2019: ND (< 2.0 µg/L)
2/3/2020: ND (< 2.0 µg/L)

MW-142S (2.5-7.5 FT)
5/23/2019: ND (< 2.0 µg/L)
9/16/2019: ND (< 2.0 µg/L)
11/13/2019: ND (< 2.0 µg/L)
2/3/2020: ND (< 2.0 µg/L)

MW-83 (8-13 FT)
5/22/2019: ND (< 2.0 µg/L)
9/18/2019: ND (< 2.0 µg/L)
11/5/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)

MW-83S (3-13 FT)
5/22/2019: ND (< 2.0 µg/L)
9/18/2019: ND (< 2.0 µg/L)
11/5/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)

MW-82SR (5-15 FT)
5/17/2019: ND (< 2.0 µg/L)
9/23/2019: ND (< 2.0 µg/L)
11/7/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)

MW-82D (18-23 FT)
5/17/2019: ND (< 2.0 µg/L)
9/23/2019: ND (< 2.0 µg/L)
11/7/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)

MW-72S (3-13 FT)
5/8/2019: ND (< 2.0 µg/L)
9/23/2019: ND (< 2.0 µg/L)
11/6/2019: ND (< 2.0 µg/L)
2/13/2020: ND (< 2.0 µg/L)

MW-102S (2.5-12.5 FT)
5/14/2019: ND (< 2.0 µg/L)
9/18/2019: ND (< 2.0 µg/L)
11/18/2019: ND (< 2.0 µg/L)
2/14/2020: ND (< 2.0 µg/L)

MW-141S (3-8 FT)
5/15/2019: ND (< 2.0 µg/L)
9/18/2019: ND (< 2.0 µg/L)
11/13/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)

MW-85 (8-13 FT)
5/17/2019: 1.3 J µg/L
9/17/2019: ND (< 2.0 µg/L)
11/13/2019: 0.49 J µg/L
2/3/2020: 1.2 J µg/L

MW-108S (2.5-12.5 FT)
5/14/2019: 0.93 J µg/L
9/19/2019: ND (< 2.0 µg/L)
11/12/2019: ND (< 2.0 µg/L)
2/3/2020: ND (< 2.0 µg/L)

MW-73D (13.5-18.5 FT)
5/8/2019: 2.3 µg/L
9/24/2019: 3.8 µg/L
11/11/2019: 2.8 µg/L
2/10/2020: ND (< 2.0 µg/L)

MW-72 (15-20 FT)
5/17/2019: ND (< 2.0 µg/L)
9/23/2019: ND (< 2.0 µg/L)
11/5/2019: 0.97 J µg/L
2/13/2020: ND (< 2.0 µg/L)

MW-79D (10-15 FT)
5/15/2019: 0.99 J µg/L
9/19/2019: ND (< 2.0 µg/L)
11/12/2019: 0.35 J µg/L
2/11/2020: ND (< 2.0 µg/L)

MW-137S (2-7 FT)
5/13/2019: ND (< 2.0 µg/L)
9/23/2019: ND (< 2.0 µg/L)
11/5/2019: ND (< 2.0 µg/L)
2/4/2020: ND (< 2.0 µg/L)

MW-136S (2-7 FT)
5/22/2019: ND (< 2.0 µg/L)
9/18/2019: ND (< 2.0 µg/L)
11/13/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)

MW-107S (2.5-12.5 FT)
5/10/2019: ND (< 2.0 µg/L)
9/24/2019: ND (< 2.0 µg/L)
11/12/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)

MW-73SR (2.5-12.5 FT)
5/8/2019: ND (< 2.0 µg/L)
9/24/2019: ND (< 2.0 µg/L)
11/11/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)

MW-79SR (2.5-12.5 FT)
5/15/2019: ND (< 2.0 µg/L)
9/18/2019: ND (< 2.0 µg/L)
11/13/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)

MW-80SR (2.5-12.5 FT)
5/10/2019: ND (< 2.0 µg/L)
9/23/2019: ND (< 2.0 µg/L)
11/5/2019: 0.84 J µg/L
2/4/2020: ND (< 2.0 µg/L)

MW-133S (4-9 FT)
5/23/2019: ND (< 2.0 µg/L)
9/17/2019: ND (< 2.0 µg/L)
11/7/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)

MW-134S (5-10 FT)
5/20/2019: ND (< 2.0 µg/L)
9/17/2019: ND (< 2.0 µg/L)
11/5/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)

MW-135S (5-10 FT)
5/20/2019: ND (< 2.0 µg/L)
9/16/2019: ND (< 2.0 µg/L)
11/5/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)

MW-74 (14-19 FT)
5/17/2019: ND (< 2.0 µg/L)
9/18/2019: 1.4 J µg/L
11/11/2019: 1.4 J µg/L
2/7/2020: ND (< 2.0 µg/L)

MW-140S (2-7 FT)
5/16/2019: ND (< 2.0 µg/L)
9/18/2019: ND (< 2.0 µg/L)
11/12/2019: ND (< 2.0 µg/L)
2/5/2020: ND (< 2.0 µg/L)

MW-98S (2.5-12.5 FT)
5/10/2019: ND (< 2.0 µg/L)
9/20/2019: ND (< 2.0 µg/L)
11/13/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)

MW-139S (2-7 FT)
5/9/2019: ND (< 2.0 µg/L)
9/20/2019: ND (< 2.0 µg/L)
11/13/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)

MW-74S (3-13 FT)
5/8/2019: ND (< 2.0 µg/L)
9/18/2019: ND (< 2.0 µg/L)
11/6/2019: ND (< 2.0 µg/L)
2/7/2020: ND (< 2.0 µg/L)

MW-78S (2.5-12.5 FT)
5/13/2019: ND (< 2.0 µg/L)
9/19/2019: ND (< 2.0 µg/L)
11/14/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)

MW-138S (2-7 FT)
5/16/2019: ND (< 2.0 µg/L)
9/23/2019: ND (< 2.0 µg/L)
11/15/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)

MW-81S (2.5-12.5 FT)
5/17/2019: ND (< 2.0 µg/L)
9/19/2019: ND (< 2.0 µg/L)
11/7/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)

MW-99S (3-13 FT)
5/9/2019: ND (< 2.0 µg/L)
9/16/2019: ND (< 2.0 µg/L)
11/6/2019: ND (< 2.0 µg/L)
2/4/2020: ND (< 2.0 µg/L)

MW-84 (8-13 FT)
5/21/2019: ND (< 2.0 µg/L)
9/24/2019: ND (< 2.0 µg/L)
11/25/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)

MW-78 (7-12 FT)
5/13/2019: ND (< 2.0 µg/L)
9/19/2019: ND (< 2.0 µg/L)
11/14/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)

MW-96S (2.5-12.5 FT)
5/16/2019: ND (< 2.0 µg/L)
9/20/2019: ND (< 2.0 µg/L)
11/26/2019: ND (< 2.0 µg/L)
2/13/2020: ND (< 2.0 µg/L)

MW-106S (2.5-12.5 FT)
5/16/2019: ND (< 2.0 µg/L)
9/23/2019: ND (< 2.0 µg/L)
11/15/2019: ND (< 2.0 µg/L)
2/10/2020: ND (< 2.0 µg/L)

MW-81 (8-13 FT)
5/17/2019: ND (< 2.0 µg/L)
9/19/2019: ND (< 2.0 µg/L)
11/7/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)

MW-84S (2.5-12.5 FT)
5/9/2019: ND (< 2.0 µg/L)
9/24/2019: ND (< 2.0 µg/L)
11/25/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)

MW-75SR (2.5-12.5 FT)
5/9/2019: ND (< 2.0 µg/L)
9/18/2019: ND (< 2.0 µg/L)
11/26/2019: ND (< 2.0 µg/L)
2/4/2020: ND (< 2.0 µg/L)

MW-86S (2.5-12.5 FT)
5/13/2019: ND (< 2.0 µg/L)
9/19/2019: ND (< 2.0 µg/L)
11/25/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)

MW-77 (9-14 FT)
5/16/2019: ND (< 2.0 µg/L)
9/17/2019: ND (< 2.0 µg/L)
11/22/2019: ND (< 2.0 µg/L)
2/13/2020: 1.1 J µg/L

MW-192S (2.5-7.5 FT)
4/11/2019: ND (< 2.0 µg/L)
9/20/2019: ND (< 2.0 µg/L)
11/15/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)

MW-75D (12-17 FT)
5/15/2019: 1.5 J µg/L
9/18/2019: 3.3 µg/L
11/26/2019: 1.9 J µg/L
2/4/2020: 3.2 µg/L

MW-86 (12-17 FT)
5/21/2019: ND (< 2.0 µg/L)
9/19/2019: ND (< 2.0 µg/L)
11/25/2019: ND (< 2.0 µg/L)
2/11/2020: ND (< 2.0 µg/L)

MW-77S (2.5-12.5 FT)
5/16/2019: ND (< 2.0 µg/L)
9/17/2019: ND (< 2.0 µg/L)
11/22/2019: ND (< 2.0 µg/L)
2/13/2020: ND (< 2.0 µg/L)

MW-100S (3-13 FT)
5/9/2019: ND (< 2.0 µg/L)
9/16/2019: ND (< 2.0 µg/L)
11/26/2019: ND (< 2.0 µg/L)
2/4/2020: ND (< 2.0 µg/L)

MW-87S (4.5-14.5 FT)
5/13/2019: ND (< 2.0 µg/L)
9/20/2019: ND (< 2.0 µg/L)
11/22/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)

MW-97S (2.5-12.5 FT)
5/10/2019: ND (< 2.0 µg/L)
9/19/2019: ND (< 2.0 µg/L)
11/22/2019: ND (< 2.0 µg/L)
2/13/2020: ND (< 2.0 µg/L)

MW-87 (14-19 FT)
5/21/2019: ND (< 2.0 µg/L)
9/20/2019: ND (< 2.0 µg/L)
11/22/2019: ND (< 2.0 µg/L)
2/12/2020: ND (< 2.0 µg/L)

MW-101S (4.5-14.5 FT)
5/8/2019: ND (< 2.0 µg/L)
9/16/2019: ND (< 2.0 µg/L)
11/13/2019: ND (< 2.0 µg/L)
2/3/2020: ND (< 2.0 µg/L)

MW-76 (15-20 FT)
5/17/2019: ND (< 2.0 µg/L)
9/17/2019: ND (< 2.0 µg/L)
11/20/2019: ND (< 2.0 µg/L)
2/3/2020: ND (< 2.0 µg/L)

MW-76S (4.5-14.5 FT)
5/8/2019: ND (< 2.0 µg/L)
9/17/2019: ND (< 2.0 µg/L)
11/5/2019: ND (< 2.0 µg/L)
2/3/2020: ND (< 2.0 µg/L)

FAIRLANE ST
ROSATI AVE
CAPITOL ST
BEACON ST
BELDEN CT
STANDISH ST
WADSWORTH ST
PLYMOUTH RD
WAYNE RD
LAUREL ST
STARK RD
YALE ST

LEGEND

- PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY
- OFF-SITE MONITORING WELL 1,4-DIOXANE ≤ 7.2 µg/L

NOTES:
FIGURE ONLY SHOWS THE FOUR MOST RECENT QUARTERS OF DATA (APRIL/MAY 2019, SEPTEMBER 2019, NOVEMBER 2019, AND FEBRUARY 2020). FULL SET OF DATA CAN BE FOUND IN THE CORRESPONDING TABLES.

µg/L - MICROGRAMS PER LITER (PARTS PER BILLION)

≤ - LESS THAN OR EQUAL TO

> - GREATER THAN

THE SITE SPECIFIC RESIDENTIAL DRINKING WATER CRITERIA FOR 1,4-DIOXANE IS 7.2 µg/L.

FT = SCREENED INTERVAL IN FEET BELOW GROUND SURFACE

J = ESTIMATED CONCENTRATION ABOVE THE METHOD DETECTION LIMIT AND BELOW THE REPORTING LIMIT.

"ND", "<" INDICATES VALUE IS BELOW THE LABORATORY REPORTING LIMIT FOR 1,4-DIOXANE.

MW = MONITORING WELL

EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

0 300 600
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

OFF-SITE MONITORING WELLS 1,4-DIOXANE IN GROUNDWATER

ARCADIS Design & Consultancy for natural and built assets

FIGURE 9

CITY: NOVI DIV: ENV DB: MG PIC: R. ELLIS PM: K. HINSKEY TM: R. WISMAN TR: P. CURRY PROJECT NUMBER: 30042006.0704.03 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
Z:\GISProjects_ENV\Novi\Brighton_MI\Ford\Livonia\GIS\docs\GEC\1Q_2020\Figure 9_Off-Site GWA DX.mxd PLOTTED: 3/23/2020 10:17:48 PM BY: Sharmayh4948

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MW-72 (15-20 FT)
5/17/2019: ND (< 1.0 µg/L)
9/23/2019: ND (< 1.0 µg/L)
11/5/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)

MW-72S (3-13 FT)
5/8/2019: ND (< 1.0 µg/L)
9/23/2019: ND (< 1.0 µg/L)
11/6/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)

MW-73SR (2.5-12.5 FT)
5/8/2019: ND (< 1.0 µg/L)
9/24/2019: 0.34 J µg/L
11/11/2019: ND (< 1.0 µg/L)
2/10/2020: 0.15 J µg/L

MW-73D (13.5-18.5 FT)
5/8/2019: ND (< 1.0 µg/L)
9/24/2019: ND (< 1.0 µg/L)
11/11/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-74S (3-13 FT)
5/8/2019: ND (< 1.0 µg/L)
9/18/2019: ND (< 1.0 µg/L)
11/6/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)

MW-74 (14-19 FT)
5/17/2019: ND (< 1.0 µg/L)
9/18/2019: ND (< 1.0 µg/L)
11/11/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)

MW-99S (3-13 FT)
5/9/2019: ND (< 1.0 µg/L)
9/16/2019: ND (< 1.0 µg/L)
11/6/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)

MW-75D (12-17 FT)
5/15/2019: ND (< 1.0 µg/L)
9/18/2019: ND (< 1.0 µg/L)
11/26/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)

MW-75SR (2.5-12.5 FT)
5/9/2019: ND (< 1.0 µg/L)
9/18/2019: ND (< 1.0 µg/L)
11/26/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)

MW-100S (3-13 FT)
5/9/2019: ND (< 1.0 µg/L)
9/16/2019: ND (< 1.0 µg/L)
11/26/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)

MW-101S (4.5-14.5 FT)
5/8/2019: ND (< 1.0 µg/L)
9/16/2019: ND (< 1.0 µg/L)
11/13/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)

MW-76S (4.5-14.5 FT)
5/8/2019: ND (< 1.0 µg/L)
9/17/2019: ND (< 1.0 µg/L)
11/5/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)

MW-102S (2.5-12.5 FT)
5/14/2019: ND (< 1.0 µg/L)
9/18/2019: ND (< 1.0 µg/L)
11/18/2019: ND (< 1.0 µg/L)
2/14/2020: ND (< 1.0 µg/L)

MW-102 (10-15 FT)
5/17/2019: ND (< 1.0 µg/L)
9/18/2019: ND (< 1.0 µg/L)
11/18/2019: ND (< 1.0 µg/L)
2/14/2020: ND (< 1.0 µg/L)

MW-79D (10-15 FT)
5/15/2019: ND (< 1.0 µg/L)
9/19/2019: ND (< 1.0 µg/L)
11/12/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-79SR (2.5-12.5 FT)
5/15/2019: ND (< 1.0 µg/L)
9/18/2019: ND (< 1.0 µg/L)
11/13/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-84S (2.5-12.5 FT)
5/9/2019: ND (< 1.0 µg/L)
9/24/2019: 0.17 J µg/L
11/25/2019: ND (< 1.0 µg/L)
2/12/2020: 0.12 J µg/L

MW-84 (8-13 FT)
5/21/2019: ND (< 1.0 µg/L)
9/24/2019: ND (< 1.0 µg/L)
11/25/2019: ND (< 1.0 µg/L)
2/12/2020: 0.10 J µg/L

MW-86 (12-17 FT)
5/21/2019: ND (< 1.0 µg/L)
9/19/2019: ND (< 1.0 µg/L)
11/25/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-86S (2.5-12.5 FT)
5/13/2019: ND (< 1.0 µg/L)
9/19/2019: ND (< 1.0 µg/L)
11/25/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-87S (4.5-14.5 FT)
5/13/2019: ND (< 1.0 µg/L)
9/20/2019: ND (< 1.0 µg/L)
11/22/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-76 (15-20 FT)
5/17/2019: ND (< 1.0 µg/L)
9/17/2019: ND (< 1.0 µg/L)
11/20/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)

MW-131S (2.5-12.5 FT)
5/14/2019: ND (< 1.0 µg/L)
9/16/2019: ND (< 1.0 µg/L)
11/12/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)

MW-105S (2.5-12.5 FT)
5/14/2019: ND (< 1.0 µg/L)
9/16/2019: ND (< 1.0 µg/L)
11/13/2019: ND (< 1.0 J µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-141S (3-8 FT)
5/15/2019: ND (< 1.0 µg/L)
9/18/2019: ND (< 1.0 µg/L)
11/13/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-140S (2-7 FT)
5/16/2019: ND (< 1.0 µg/L)
9/18/2019: ND (< 1.0 µg/L)
11/12/2019: ND (< 1.0 µg/L)
2/5/2020: ND (< 1.0 µg/L)

MW-78 (7-12 FT)
5/13/2019: ND (< 1.0 µg/L)
9/19/2019: ND (< 1.0 µg/L)
11/14/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-78S (2.5-12.5 FT)
5/13/2019: ND (< 1.0 µg/L)
9/19/2019: ND (< 1.0 µg/L)
11/14/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-77S (2.5-12.5 FT)
5/16/2019: ND (< 1.0 µg/L)
9/17/2019: ND (< 1.0 µg/L)
11/22/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)

MW-85SR (4.5-9.5 FT)
4/12/2019: ND (< 1.0 µg/L)
9/17/2019: ND (< 1.0 µg/L)
11/13/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)

MW-85 (8-13 FT)
5/17/2019: ND (< 1.0 µg/L)
9/17/2019: ND (< 1.0 µg/L)
11/13/2019: ND (< 1.0 J µg/L)
2/3/2020: ND (< 1.0 µg/L)

MW-80SR (2.5-12.5 FT)
5/10/2019: ND (< 1.0 µg/L)
9/23/2019: ND (< 1.0 µg/L)
11/5/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)

MW-139S (2-7 FT)
5/9/2019: ND (< 1.0 µg/L)
9/20/2019: ND (< 1.0 µg/L)
11/13/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-132S (2.5-12.5 FT)
5/14/2019: ND (< 1.0 µg/L)
9/16/2019: ND (< 1.0 µg/L)
11/12/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)

MW-142S (2.5-7.5 FT)
5/23/2019: ND (< 1.0 µg/L)
9/16/2019: ND (< 1.0 µg/L)
11/13/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)

MW-108S (2.5-12.5 FT)
5/14/2019: ND (< 1.0 µg/L)
9/19/2019: ND (< 1.0 µg/L)
11/12/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)

MW-107S (2.5-12.5 FT)
5/10/2019: ND (< 1.0 µg/L)
9/24/2019: ND (< 1.0 µg/L)
11/12/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-83S (3-13 FT)
5/22/2019: ND (< 1.0 µg/L)
9/18/2019: ND (< 1.0 µg/L)
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-136S (2-7 FT)
5/22/2019: ND (< 1.0 µg/L)
9/18/2019: ND (< 1.0 µg/L)
11/13/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-137S (2-7 FT)
5/13/2019: ND (< 1.0 µg/L)
9/23/2019: ND (< 1.0 µg/L)
11/5/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)

MW-138S (2-7 FT)
5/16/2019: ND (< 1.0 µg/L)
9/23/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-98S (2.5-12.5 FT)
5/10/2019: ND (< 1.0 µg/L)
9/20/2019: ND (< 1.0 µg/L)
11/13/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-96S (2.5-12.5 FT)
5/16/2019: ND (< 1.0 µg/L)
9/20/2019: ND (< 1.0 µg/L)
11/26/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)

MW-192S (2.5-7.5 FT)
4/11/2019: ND (< 1.0 µg/L)
9/20/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-77 (9-14 FT)
5/16/2019: ND (< 1.0 µg/L)
9/17/2019: ND (< 1.0 µg/L)
11/22/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)

MW-97S (2.5-12.5 FT)
5/10/2019: ND (< 1.0 µg/L)
9/19/2019: ND (< 1.0 µg/L)
11/22/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)

MW-87 (14-19 FT)
5/21/2019: ND (< 1.0 µg/L)
9/20/2019: ND (< 1.0 µg/L)
11/22/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-133S (4-9 FT)
5/23/2019: ND (< 1.0 µg/L)
9/17/2019: ND (< 1.0 µg/L)
11/7/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-83 (8-13 FT)
5/22/2019: ND (< 1.0 µg/L)
9/18/2019: ND (< 1.0 µg/L)
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-82SR (5-15 FT)
5/17/2019: ND (< 1.0 µg/L)
9/23/2019: ND (< 1.0 µg/L)
11/7/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-82D (18-23 FT)
5/17/2019: ND (< 1.0 µg/L)
9/23/2019: ND (< 1.0 µg/L)
11/7/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-134S (5-10 FT)
5/20/2019: ND (< 1.0 µg/L)
9/17/2019: ND (< 1.0 µg/L)
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-135S (5-10 FT)
5/20/2019: ND (< 1.0 µg/L)
9/16/2019: ND (< 1.0 µg/L)
11/5/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-81 (8-13 FT)
5/17/2019: ND (< 1.0 µg/L)
9/19/2019: ND (< 1.0 µg/L)
11/7/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-81S (2.5-12.5 FT)
5/17/2019: ND (< 1.0 µg/L)
9/19/2019: ND (< 1.0 µg/L)
11/7/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-106S (2.5-12.5 FT)
5/16/2019: ND (< 1.0 µg/L)
9/23/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

ROSATI AVE
CAPITOL ST
STARK RD
BEACON ST
WADSWORTH ST
BELDEN CT
STANDISH ST
BOSTON POST ST
PRISCILLA LN
PLYMOUTH RD
WAYNE RD
LAUREL ST

LEGEND

- PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY
- OFF-SITE MONITORING WELL TRICHLOROETHENE ≤ 1.0 µg/L

NOTES:
FIGURE ONLY SHOWS THE FOUR MOST RECENT QUARTERS OF DATA (APRIL/MAY 2019, SEPTEMBER 2019, NOVEMBER 2019, AND FEBRUARY 2020). FULL SET OF DATA CAN BE FOUND IN THE CORRESPONDING TABLES.

µg/L - MICROGRAMS PER LITER (PARTS PER BILLION)

≤ - LESS THAN OR EQUAL TO

THE PUBLISHED EGLE REMEDIATION AND REDEVELOPMENT DIVISION TARGET DETECTION LIMIT FOR TRICHLOROETHENE IS 1.0 µg/L.

FT = SCREENED INTERVAL IN FEET BELOW GROUND SURFACE

J = ESTIMATED CONCENTRATION ABOVE THE METHOD DETECTION LIMIT AND BELOW THE REPORTING LIMIT.

"ND", "<" INDICATES VALUE IS BELOW THE LABORATORY REPORTING LIMIT FOR TRICHLOROETHENE.

EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MW = MONITORING WELL

NS = NOT SAMPLED

0 300 600
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

OFF-SITE MONITORING WELLS TRICHLOROETHENE IN GROUNDWATER

ARCADIS Design & Consultancy for natural and built assets

FIGURE
10A

CITY: NOVI DIV: ENV DB: MG PIC: R. ELLIS PM: K_HINSKEY TM: R. WISMAN TR: P. CURRY PROJECT NUMBER: 30042006.0704.03 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
Z:\GISProjects_ENV\Novi\Brighton_MI\Ford\LivoniaGIS\docs\GEC\1Q_2020\Figure 10_Off-Site GWA TCE.mxd PLOTTED: 3/23/2020 8:50:13 AM BY: Sharmayh4948

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MW-198S (2.5-7.5 FT)
11/20/2019: 0.43 J µg/L
02/12/2020: 0.27 J µg/L

MW-198 (12-17 FT)
11/25/2019: ND (<1.0 µg/L)
02/12/2020: ND (<1.0 µg/L)

MW-15-59D (94-99 FT)
02/06/2018: ND (<1.0 µg/L)
05/06/2018: ND (<1.0 µg/L)
08/09/2018: ND (<1.0 µg/L)
10/31/2018: ND (<1.0 µg/L)
03/05/2019: ND (<1.0 UB µg/L)
06/13/2019: ND (<1.0 µg/L)
09/27/2019: ND (<1.0 µg/L)
11/22/2019: ND (<1.0 µg/L)
02/21/2019: ND (<1.0 µg/L)

MW-124 (5-10 FT)
04/23/2019: ND (<1.0 ug/L)
06/13/2019: ND (<1.0 ug/L)
09/30/2019: ND (<1.0 ug/L)
11/15/2019: ND (<1.0 ug/L)
02/20/2020: ND (<1.0 ug/L)

MW-199S (2-7 FT)
11/25/2019: ND (<1.0 µg/L)
02/12/2020: ND (<1.0 µg/L)

MW-204 (12-17 FT)
01/03/2020: 61 µg/L
02/07/2020: 67 µg/L

MW-205S (4.5-9.5)
12/30/2019: ND (<1.0 µg/L)
02/07/2020: ND (<1.0 µg/L)

AMRHEIN RD

MW-197S (3-8 FT)
11/25/2019: 14 µg/L
02/11/2020: 31 µg/L

MW-205 (12-17 FT)
01/03/2020: ND (<1.0 µg/L)
02/07/2020: ND (<1.0 µg/L)

MW-204S (4-9 FT)
12/27/2019: 37 µg/L
02/07/2020: 21 µg/L

MW-196 (12-17 FT)
11/20/2019: 490 µg/L
02/11/2020: 520 µg/L

MW-206 (14-19 FT)
01/03/2020: 1,200 µg/L
02/07/2020: 950 µg/L

MW-196S (2-7 FT)
11/20/2019: 78 µg/L
02/11/2020: 39 µg/L

MW-206S (4.5-9.5 FT)
01/03/2020: 0.71 J µg/L
02/06/2020: <1.0 UB µg/L

MW-203 (13-18 FT)
12/27/2019: 670 µg/L
02/07/2020: 670 µg/L

MW-195S (2-7 FT)
11/20/2019: 3,400 µg/L
02/10/2020: 2,300 µg/L

MW-203S (3-8 FT)
12/27/2019: 43 µg/L
02/07/2020: 44 µg/L

LEVAN RD

MW-194S (2-7 FT)
11/20/2019: ND (<1.0 µg/L)
02/10/2020: ND (<1.0 µg/L)

MW-202 (12-17 FT)
12/30/2019: ND (<1.0 µg/L)
02/06/2020: ND (<1.0 µg/L)

MW-194 (12-17 FT)
11/20/2019: ND (<1.0 µg/L)
02/10/2020: ND (<1.0 µg/L)

MW-202S (3.5-8.5)
12/30/2019: ND (<1.0 µg/L)
02/06/2020: ND (<1.0 µg/L)

LEGEND

- GROUNDWATER SAMPLE TRICHLORETHENE >210 µg/L
- GROUNDWATER SAMPLE TRICHLORETHENE ≤210 µg/L
- **BLUE TEXT** EXCEEDANCE OF THE NR VIAC FROM PAST AND PRESENT SAMPLING EVENTS
- FORD PROPERTY BOUNDARY
- SANITARY
- WATER
- BURIED ELECTRIC
- COMMUNICATION
- NATURAL GAS
- OVERHEAD ELECTRIC

NOTES:

TCE = TRICHLOROETHENE

J = ESTIMATED RESULT, LESS THAN LABORATORY REPORTING LIMIT

ALL RESULTS SHOWN ARE FOR TRICHLOROETHENE (TCE) IN GROUNDWATER AND ARE UNITS OF MICROGRAMS PER LITER (µg/L).

THE EGLE NON-RESIDENTIAL VOLATILIZATION TO INDOOR AIR CRITERIA (NR VIAC) ADJUSTED FOR A 12 HOUR WORK-DAY EXPOSURE FOR TCE IS 210 µg/L.

≤ - LESS THAN OR EQUAL TO

> - GREATER THAN

FT = SCREENED INTERVAL IN FEET BELOW GROUND SURFACE

"ND", "<" INDICATES VALUE IS BELOW THE LABORATORY REPORTING LIMIT FOR TRICHLOROETHENE.

EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MW = MONITORING WELL

UB = ANALYTE CONSIDERED NON-DETECT AT THE VALUE LISTED DUE TO ASSOCIATED BLANK CONTAMINATION

BLUE BOX INDICATES EXCEEDANCE OF THE NON-RESIDENTIAL GROUNDWATER VOLITILIZATION TO INDOOR AIR CRITERIA FOR TCE

N

0 125 250
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

NORTHWEST AREA MONITORING WELLS TRICHLOROETHENE IN GROUNDWATER ANALYTICAL RESULTS

ARCADIS Design & Consultancy for natural and built assets

FIGURE
10B

CITY: Novi DIV: ENV DB: MG PROJECT NUMBER: 30042006.0704.03 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet Intl
Z:\GISProjects_ENV\Novi\Brighton_MI\Ford\Livonia\GIS\docs\2020-04\Figure 10B_Offsite_GW_Results_Expanded_MW.mxd PLOTTED: 4/17/2020 11:45:13 AM BY: msmiller

This document is a DRAFT document that has not received approval from EGLE. This document was prepared pursuant to a court Consent Decree. The opinions, findings, and conclusions expressed are those of the authors and not those of EGLE.

MW-102 (10-15 FT)
5/17/2019: 1.8 µg/L
9/18/2019: 1.0 µg/L
11/18/2019: 1.4 µg/L
2/14/2020: 1.3 µg/L

MW-105S (2.5-12.5 FT)
5/14/2019: ND (< 1.0 µg/L)
9/16/2019: ND (< 1.0 µg/L)
11/13/2019: ND (< 1.0 J µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-131S (2.5-12.5 FT)
5/14/2019: 0.85 J µg/L
9/16/2019: 0.87 J µg/L
11/12/2019: 1.2 µg/L
2/4/2020: 0.52 J µg/L

MW-132S (2.5-12.5 FT)
5/14/2019: ND (< 1.0 µg/L)
9/16/2019: ND (< 1.0 µg/L)
11/12/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)

MW-142S (2.5-7.5 FT)
5/23/2019: ND (< 1.0 µg/L)
9/16/2019: ND (< 1.0 µg/L)
11/13/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)

MW-83 (8-13 FT)
5/22/2019: ND (< 1.0 µg/L)
9/18/2019: ND (< 1.0 µg/L)
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-72 (15-20 FT)
5/17/2019: 1.7 µg/L
9/23/2019: 1.5 µg/L
11/5/2019: 2.8 µg/L
2/13/2020: 2.1 µg/L

MW-102S (2.5-12.5 FT)
5/14/2019: ND (< 1.0 µg/L)
9/18/2019: ND (< 1.0 µg/L)
11/18/2019: ND (< 1.0 µg/L)
2/14/2020: ND (< 1.0 µg/L)

MW-85 (8-13 FT)
5/17/2019: 5.4 µg/L
9/17/2019: 6.5 µg/L
11/13/2019: 5.1 J µg/L
2/3/2020: 4.9 µg/L

MW-85SR (4.5-9.5 FT)
4/12/2019: 2.2 µg/L
9/17/2019: 2.1 µg/L
11/13/2019: 1.4 µg/L
2/3/2020: 1.4 µg/L

MW-108S (2.5-12.5 FT)
5/14/2019: ND (< 1.0 µg/L)
9/19/2019: ND (< 1.0 µg/L)
11/12/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)

MW-83S (3-13 FT)
5/22/2019: ND (< 1.0 µg/L)
9/18/2019: ND (< 1.0 µg/L)
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-72S (3-13FT)
5/8/2019: ND (< 1.0 µg/L)
9/23/2019: ND (< 1.0 µg/L)
11/6/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)

MW-141S (3-8 FT)
5/15/2019: ND (< 1.0 µg/L)
9/18/2019: ND (< 1.0 µg/L)
11/13/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-82D (18-23 FT)
5/17/2019: ND (< 1.0 µg/L)
9/23/2019: ND (< 1.0 µg/L)
11/7/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-137S (2-7 FT)
5/13/2019: 0.91 J µg/L
9/23/2019: 1.1 µg/L
11/5/2019: 0.50 J µg/L
2/4/2020: 0.27 J µg/L

MW-136S (2-7 FT)
5/22/2019: ND (< 1.0 µg/L)
9/18/2019: 0.96 J µg/L
11/13/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-107S (2.5-12.5 FT)
5/10/2019: ND (< 1.0 µg/L)
9/24/2019: ND (< 1.0 µg/L)
11/12/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-82SR (5-15 FT)
5/17/2019: ND (< 1.0 µg/L)
9/23/2019: ND (< 1.0 µg/L)
11/7/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-73D (13.5-18.5 FT)
5/8/2019: ND (< 1.0 µg/L)
9/24/2019: 0.48 J µg/L
11/11/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-73SR (2.5-12.5 FT)
5/8/2019: ND (< 1.0 µg/L)
9/24/2019: 1.3 µg/L
11/11/2019: 1.0 µg/L
2/10/2020: 0.87 J µg/L

MW-79SR (2.5-12.5 FT)
5/15/2019: 0.36 J µg/L
9/18/2019: 0.40 J µg/L
11/13/2019: 0.30 J µg/L
2/11/2020: 0.23 J µg/L

MW-79D (10-15 FT)
5/15/2019: 2.6 µg/L
9/19/2019: 1.5 µg/L
11/12/2019: 2.6 µg/L
2/11/2020: 2.1 µg/L

MW-80SR (2.5-12.5 FT)
5/10/2019: 3.2 µg/L
9/23/2019: 3.4 µg/L
11/5/2019: 3.6 µg/L
2/4/2020: 1.8 µg/L

MW-74 (14-19 FT)
5/17/2019: ND (< 1.0 µg/L)
9/18/2019: 1.7 µg/L
11/11/2019: 1.8 µg/L
2/7/2020: ND (< 1.0 µg/L)

MW-139S (2-7 FT)
5/9/2019: ND (< 1.0 µg/L)
9/20/2019: ND (< 1.0 µg/L)
11/13/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-98S (2.5-12.5 FT)
5/10/2019: ND (< 1.0 µg/L)
9/20/2019: ND (< 1.0 µg/L)
11/13/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-138S (2-7 FT)
5/16/2019: 1.6 µg/L
9/23/2019: 1.4 µg/L
11/15/2019: 1.2 µg/L
2/12/2020: 1.3 µg/L

MW-133S (4-9 FT)
5/23/2019: ND (< 1.0 µg/L)
9/17/2019: ND (< 1.0 µg/L)
11/7/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-140S (2-7 FT)
5/16/2019: ND (< 1.0 µg/L)
9/18/2019: ND (< 1.0 µg/L)
11/12/2019: ND (< 1.0 µg/L)
2/5/2020: ND (< 1.0 µg/L)

MW-78 (7-12 FT)
5/13/2019: ND (< 1.0 µg/L)
9/19/2019: ND (< 1.0 µg/L)
11/14/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-74S (3-13 FT)
5/8/2019: ND (< 1.0 µg/L)
9/18/2019: ND (< 1.0 µg/L)
11/6/2019: ND (< 1.0 µg/L)
2/7/2020: ND (< 1.0 µg/L)

MW-84S (2.5-12.5 FT)
5/9/2019: ND (< 1.0 µg/L)
9/24/2019: ND (< 1.0 µg/L)
11/25/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-84 (8-13 FT)
5/21/2019: ND (< 1.0 µg/L)
9/24/2019: ND (< 1.0 µg/L)
11/25/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-78S (2.5-12.5 FT)
5/13/2019: ND (< 1.0 µg/L)
9/19/2019: ND (< 1.0 µg/L)
11/14/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-192S (2.5-7.5 FT)
4/11/2019: ND (< 1.0 µg/L)
9/20/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-134S (5-10 FT)
5/20/2019: ND (< 1.0 µg/L)
9/17/2019: ND (< 1.0 µg/L)
11/5/2019: ND (< 1.0 µg/L)
2/11/2020: 0.38 J µg/L

MW-99S (3-13FT)
5/9/2019: ND (< 1.0 µg/L)
9/16/2019: ND (< 1.0 µg/L)
11/6/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)

MW-86 (12-17 FT)
5/21/2019: ND (< 1.0 µg/L)
9/19/2019: ND (< 1.0 µg/L)
11/25/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-96S (2.5-12.5 FT)
5/16/2019: ND (< 1.0 µg/L)
9/20/2019: ND (< 1.0 µg/L)
11/26/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)

MW-106S (2.5-12.5 FT)
5/16/2019: ND (< 1.0 µg/L)
9/23/2019: ND (< 1.0 µg/L)
11/15/2019: ND (< 1.0 µg/L)
2/10/2020: ND (< 1.0 µg/L)

MW-81 (8-13 FT)
5/17/2019: ND (< 1.0 µg/L)
9/19/2019: ND (< 1.0 µg/L)
11/7/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-75D (12-17 FT)
5/15/2019: 1.7 µg/L
9/18/2019: 1.6 µg/L
11/26/2019: 2.2 µg/L
2/4/2020: 1.0 µg/L

MW-77 (9-14 FT)
5/16/2019: 0.24 J µg/L
9/17/2019: 0.35 J µg/L
11/22/2019: ND (< 1.0 µg/L)
2/13/2020: 0.33 J µg/L

MW-135S (5-10 FT)
5/20/2019: ND (< 1.0 µg/L)
9/16/2019: ND (< 1.0 µg/L)
11/5/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-75SR (2.5-12.5 FT)
5/9/2019: ND (< 1.0 µg/L)
9/18/2019: 0.51 J µg/L
11/26/2019: 0.33 J µg/L
2/4/2020: ND (< 1.0 µg/L)

MW-86S (2.5-12.5 FT)
5/13/2019: ND (< 1.0 µg/L)
9/19/2019: ND (< 1.0 µg/L)
11/25/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-77S (2.5-12.5 FT)
5/16/2019: ND (< 1.0 µg/L)
9/17/2019: ND (< 1.0 µg/L)
11/22/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)

MW-81S (2.5-12.5 FT)
5/17/2019: ND (< 1.0 µg/L)
9/19/2019: ND (< 1.0 µg/L)
11/7/2019: ND (< 1.0 µg/L)
2/11/2020: ND (< 1.0 µg/L)

MW-97S (2.5-12.5 FT)
5/10/2019: ND (< 1.0 µg/L)
9/19/2019: ND (< 1.0 µg/L)
11/22/2019: ND (< 1.0 µg/L)
2/13/2020: ND (< 1.0 µg/L)

MW-100S (3-13 FT)
5/9/2019: ND (< 1.0 µg/L)
9/16/2019: ND (< 1.0 µg/L)
11/26/2019: ND (< 1.0 µg/L)
2/4/2020: ND (< 1.0 µg/L)

MW-87S (4.5-14.5 FT)
5/13/2019: ND (< 1.0 µg/L)
9/20/2019: ND (< 1.0 µg/L)
11/22/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-87 (14-19 FT)
5/21/2019: ND (< 1.0 µg/L)
9/20/2019: ND (< 1.0 µg/L)
11/22/2019: ND (< 1.0 µg/L)
2/12/2020: ND (< 1.0 µg/L)

MW-101S (4.5-14.5 FT)
5/8/2019: ND (< 1.0 µg/L)
9/16/2019: ND (< 1.0 µg/L)
11/13/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)

MW-76S (4.5-14.5 FT)
5/8/2019: ND (< 1.0 µg/L)
9/17/2019: ND (< 1.0 µg/L)
11/5/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)

MW-76 (15-20 FT)
5/17/2019: ND (< 1.0 µg/L)
9/17/2019: ND (< 1.0 µg/L)
11/20/2019: ND (< 1.0 µg/L)
2/3/2020: ND (< 1.0 µg/L)

ROSATI AVE
BEACON ST
BELDEN CT
STANDISH ST
CAPITOL ST
STARK RD
WADSWORTH ST
BOSTON POST ST
PRISCILLA LN
PLYMOUTH RD
WAYNE RD
LAUREL ST

LEGEND

- PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY
- OFF-SITE MONITORING WELL VINYL CHLORIDE ≤ 1.0 µg/L
- OFF-SITE MONITORING WELL VINYL CHLORIDE > 1.0 µg/L
- BLUE/BOLD TEXT — EXCEEDANCE OF THE TDL FROM PAST AND PRESENT SAMPLING EVENTS

NOTES:
FIGURE ONLY SHOWS THE FOUR MOST RECENT QUARTERS OF DATA (APRIL/MAY 2019, SEPTEMBER 2019, NOVEMBER 2019, AND FEBRUARY 2020). FULL SET OF DATA CAN BE FOUND IN THE CORRESPONDING TABLES.

µg/L - MICROGRAMS PER LITER (PARTS PER BILLION)

≤ - LESS THAN OR EQUAL TO

> - GREATER THAN

TDL - TARGET DETECTION LIMIT

THE PUBLISHED EGLE REMEDIATION AND REDEVELOPMENT DIVISION TARGET DETECTION LIMIT FOR VINYL CHLORIDE IS 1.0 µg/L.

FT = SCREENED INTERVAL IN FEET BELOW GROUND SURFACE

J = ESTIMATED CONCENTRATION ABOVE THE METHOD DETECTION LIMIT AND BELOW THE REPORTING LIMIT.

"ND", "<" INDICATES VALUE IS BELOW THE LABORATORY REPORTING LIMIT FOR VINYL CHLORIDE.

MW = MONITORING WELL

EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

BLUE BOX INDICATES EXCEEDANCE OF THE TARGET DETECTION LIMIT FOR VINYL CHLORIDE ASSOCIATED WITH THE MOST RECENT SAMPLING EVENT

0 300 600
SCALE IN FEET

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

OFF-SITE MONITORING WELLS VINYL CHLORIDE IN GROUNDWATER

ARCADIS Design & Consultancy for natural and built assets

FIGURE
11

CITY: NOVI DIV: ENV DB: MG PIC: R. ELLIS PM: K. HINSKEY TM: R. WISMAN TR: P. CURRY PROJECT NUMBER: 30042006.0704.03 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
Z:\GISProjects_ENV\NoviBrighton_MI\Ford\LivoniaGIS\docs\GEC\1Q_2020\Figure 11_Off-Site GWA VC.mxd PLOTTED: 3/24/2020 3:46:20 AM BY: Sharmayh4948

DRAFT - FOR DISCUSSION PURPOSES ONLY
UPDATED FEBRUARY 26, 2020

MW-120 665.03
MW-56 663.67
MW-55 662.84
MW-55D 662.58
MW-122 662.50
MW-54 661.96
MW-54S 662.64
MW-28 664.88
MW-57 662.70
MW-53 662.04
PZ-15 663.55
PZ-08 663.16
Angle = -4
Gradient = 0.008
Bearing = S86E
MW-58 664.57
MW-52 662.08
Angle = -6
Gradient = 0.009
Bearing = S84E
Angle = -45
Gradient = 0.002
Bearing = S45E
PZ-14 663.66
TW-16-03 664.76
TW-16-04 664.82
PW-16-02 664.77
Angle = -30
Gradient = 0.007
Bearing = S60E
MW-62 662.83
PZ-01 662.44
MW-50 662.94
Angle = -75
Gradient = 0.003
Bearing = S15E
MW-43 662.06
Angle = -30
Gradient = 0.008
Bearing = S60E
MW-213S 662.08
MW-63 662.10
Angle = 65
Gradient = 0.001
Bearing = S25W
MW-212S 662.06
Angle = 65
Gradient = 0.002
Bearing = S25W
MW-35 661.98
MW-65 663.06
MW-64 662.10
PZ-06 661.76
Angle = -10
Gradient = 0.001
Bearing = N80W
MW-51 662.28
PZ-07 661.76
MW-211S 661.94
Angle = -59
Gradient = 0.002
Bearing = S31E
MW-66 662.68
MW-48 661.72
MW-42 661.84
PZ-02 661.58
Angle = -64
Gradient = 0.003
Bearing = S26E
MW-15-61D *
PZ-09 661.79
MW-67 661.62
MW-44 663.47
MW-34 661.44
PZ-10 661.23
MW-68 661.13
Angle = 59
Gradient = 0.001
Bearing = S31W
MW-210S 661.73
Angle = 65
Gradient = 0.004
Bearing = S25W
MW-47 661.01
PZ-13 660.87
MW-41 661.57
PZ-03 661.27
Angle = 63
Gradient = 0.003
Bearing S27W
PZ-11 660.23
MW-209S 661.45
MW-22 662.77
MW-46 660.02
MW-69 660.98
MW-30 661.23
Angle = 60
Gradient = 0.007
Bearing = S30W
MW-70 659.86
PZ-12 658.76
MW-208S 661.32
MW-21 662.52
MW-49 662.67
TW-16-02 661.78
PW-16-01 661.58
MW-45 659.62
MW-71 658.45
Angle = -46
Gradient = 0.006
Bearing = N44W
PZ-04 660.91
MW-31 661.32
TW-16-01 661.60
MW-23 663.31
PZ-05 660.07
Angle = -74
Gradient = 0.007
Bearing = N16W
MW-40 661.42
MW-20 663.87
MW-219S 662.49
Angle = 83
Gradient = 0.010
Bearing = N7E
MW-218S 661.71
MW-32 661.64
MW-38 664.18
MW-33 662.32
MW-39 661.84
MW-37 664.10

scale in feet
0 200 400

LEGEND:

MW-32	LOCATION ID
	MONITORING WELL
	PIEZOMETER
661.63	GROUNDWATER ELEVATION (ft amsl)
	WELL TRIPLET PLANE WITH HYDRAULIC GRADIENT DIRECTION
	WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
	WELL BLANK CASING (4-INCH HDPE)
	WELL BLANK CASING (6-INCH HDPE)

Notes:
1. All elevations collected on February 5, 2020 and measured from top of well casing.
2. All elevations are referenced to a mean sea level datum and are in units of feet above sea level (ft amsl).
3. HDPE - high density polyethylene
4. * - well not gauged

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

HYDRAULIC GRADIENT MAP
FEBRUARY 2020

ARCADIS Design & Consultancy for natural and built assets

FIGURE
12

APPENDICES

APPENDIX A

Off-Site Residential Monitoring Wells

This document is a DRAFT document that has not received approval from EGLE. This document was prepared pursuant to a court Consent Decree. The opinions, findings, and conclusions expressed are those of the authors and not those of EGLE.

GLENDALE ST
FAIRLANE ST
SERVICE RD
MW-189S
MW-189
MW-190S
MW-190
MW-191S
MW-129S
MW-125
MW-129
MW-125S
MW-214S
MW-102
MW-102S
MW-105S
MW-132S
MW-131S
MW-80SR
VC: 1.8 µg/L
MW-187
MW-188S
MW-187S
MW-142S
MW-108S
MW-186S
MW-160S
MW-118S
MW-72
MW-72S
MW-85SR
VC: 1.4 µg/L
MW-85
MW-171S
MW-168S
MW-169S
MW-103S
MW-90S
MW-166S
MW-83S
MW-136S
MW-128S
MW-83
MW-207S
MW-107S
MW-82SR
MW-82D
CAPITOL ST
MW-141S
MW-79D
MW-123S
VC: 1.8 µg/L
MW-137S
MW-147S
MW-95S
MW-79SR
MW-156S
MW-151S
MW-149S
VC: 1.9 µg/L
MW-148S
MW-145S
MW-73SR
MW-73D
MW-159S
MW-140S
MW-146S
MW-150S
MW-89S
MW-117S
MW-153S
MW-152S
MW-130S
VC: 1.3 µg/L
MW-133S
MW-158S
MW-157S
MW-115S
MW-111S
MW-143S
MW-74S
MW-74
MW-155S
MW-154S
MW-127S
MW-134S
MW-109S
MW-139S
MW-78
MW-192S
MW-144S
MW-81
MW-193S
MW-84
MW-84S
MW-165S
MW-98S
MW-81S
MW-185S
MW-161S
MW-119S
MW-138S
VC: 1.3 µg/L
MW-135S
MW-170S
MW-179S
MW-184S
MW-78S
MW-162S
MW-167S
MW-99S
MW-164S
MW-163S
MW-106S
MW-86
MW-175S
MW-177S
MW-96S
MW-92S
MW-86S
MW-180SR
MW-178S
MW-181S
MW-174S
MW-176S
MW-91S
MW-112S
MW-116S
MW-93S
MW-121S
MW-94S
MW-75SR
MW-88S
MW-216S
MW-97S
MW-217S
MW-173S
MW-75D
MW-215S
MW-104S
MW-182S
MW-77
MW-77S
MW-126S
MW-100S
MW-183S
MW-172S
MW-225S
MW-110S
MW-87
MW-87S
MW-101S
MW-223S
MW-76
MW-76S
BELDEN CT
STARK RD
WADSWORTH ST
PRISCILLA TLN
PLYMOUTH RD
YALE ST
ELMIRA AVE
ELMIRA ST
WAYNE RD
LAUREL ST
PARKDALE CT
PARKDALE AVE
ANGELINE A

NOTES:
ANALYTICAL DATA FROM THE FIRST QUARTER (1Q) 2020 SAMPLING EVENT IS SHOWN IN THE FIGURE.

DATA BOXES CONTAIN EXCEEDANCES OF THE MOST RESTRICTIVE CRITERIA (TDL OF 1.0 µg/L) FOR VC FROM SHALLOW MONITORING WELLS ONLY.

ug/L: MICROGRAMS PER LITER

VC: VINYL CHLORIDE

MW: MONITORING WELL

TDL: TARGET DETECTION LIMIT

LEGEND

- RESULT EITHER NON-DETECT OR DETECTED BELOW THE MOST RESTRICTIVE CRITERIA
- RESULT EXCEEDS MOST RESTRICITIVE CRITERIA FOR AT LEAST ONE COMPOUND

BOUNDARIES

- PROPERTY BOUNDARY
- FORD PROPERTY BOUNDARY

0 540 1,080
SCALE IN FEET

Source: Esri, Digi

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

1Q2020 SHALLOW MONITORING WELL RESULTS

ARCADIS Design & Consultancy for natural and built assets

FIGURE 1

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: K. HINSKEY PROJECT NUMBER: 30042006 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
Z:\GISProjects_ENV\Novi\Brighton_MI\Ford\Livonia\GIS\docs\2020-04\Shallow_MW_1q2020_Results.mxd PLOTTED: 4/9/2020 12:37:54 PM BY: msmiller

Appendix A
Summary of Off-Site Groundwater Sampling Results -1Q 2020
Ford Livonia Transmission Plant

Location:				MW-72	MW-72S	MW-73D	MW-73SR	MW-74	MW-74S	MW-75D	MW-75SR	MW-76	MW-76S	MW-77	MW-77S	MW-78	MW-78S	MW-79D
Date:				2/13/2020	2/13/2020	2/10/2020	2/10/2020	2/7/2020	2/7/2020	2/4/2020	2/4/2020	2/3/2020	2/3/2020	2/13/2020	2/13/2020	2/12/2020	2/12/2020	2/11/2020
Screen Interval (ft. bgs):				15-20	3-13	13.5-18.5	2.5-12.5	14-19	3-13	12-17	2.5-12.5	15-20	4.5-14.5	9-14	2.5-12.5	7-12	2.5-12.5	10-15
Analytic Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria															
SW8468260BBYSIM	1,4-Dioxane	7.2*	350	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	3.2	< 2.0	< 2.0	< 2.0	1.1 J	< 2.0	< 2.0	< 2.0	< 2.0
SW8260B	1,1-Dichloroethene	7.0	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	cis-1,2-Dichloroethene	70	70	< 1.0	< 1.0	< 1.0	1.3	1.5	0.56 J	< 1.0	< 1.0	1.2	< 1.0	0.49 J	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Tetrachloroethene	5.0	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	trans-1,2-Dichloroethene	100	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.24 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Trichloroethene	1.0**	5.0	< 1.0	< 1.0	< 1.0	0.15 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Vinyl chloride	1.0**	2.0	**2.1**	< 1.0	< 1.0	0.87 J	< 1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	0.33 J	< 1.0	< 1.0	< 1.0	**2.1**

Location:				MW-79SR	MW-80SR	MW-81	MW-81S	MW-82D	MW-82SR	MW-83	MW-83S	MW-84	MW-84S	MW-85	MW-85SR	MW-86	MW-86S	MW-87
Date:				2/11/2020	2/4/2020	2/11/2020	2/11/2020	2/11/2020	2/11/2020	2/11/2020	2/11/2020	2/12/2020	2/12/2020	2/3/2020	2/3/2020	2/11/2020	2/11/2020	2/12/2020
Screen Interval (ft. bgs):				2.5-12.5	2.5-12.5	8-13	2.5-12.5	18-23	5-15	8-13	3-13	8-13	2.5-12.5	8-13	4.5-9.5	12-17	2.5-12.5	14-19
Analytic Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria															
SW8468260BBYSIM	1,4-Dioxane	7.2*	350	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	1.2 J	< 2.0	< 2.0	< 2.0	< 2.0
SW8260B	1,1-Dichloroethene	7.0	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	cis-1,2-Dichloroethene	70	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Tetrachloroethene	5.0	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	trans-1,2-Dichloroethene	100	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Trichloroethene	1.0**	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.10 J	0.12 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Vinyl chloride	1.0**	2.0	0.23 J	**1.8**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**4.9**	**1.4**	< 1.0	< 1.0	< 1.0

Location:				MW-87S	MW-88S	MW-89S	MW-90S	MW-91S	MW-92S	MW-93S	MW-94S	MW-95S	MW-96S	MW-97S	MW-98S	MW-99S	MW-100S	MW-101S
Date:				2/12/2020	2/19/2020	2/20/2020	2/10/2020	2/10/2020	2/10/2020	2/13/2020	2/13/2020	2/11/2020	2/13/2020	2/13/2020	2/10/2020	2/4/2020	2/4/2020	2/3/2020
Screen Interval (ft. bgs):				4.5-14.5	3-13	3-13	2.5-12.5	2.5-12.5	2.5-12.5	2.5-12.5	2.5-12.5	2.5-12.5	2.5-12.5	2.5-12.5	2.5-12.5	3-13	3-13	4.5-14.5
Analytic Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria															
SW8468260BBYSIM	1,4-Dioxane	7.2*	350	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
SW8260B	1,1-Dichloroethene	7.0	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	cis-1,2-Dichloroethene	70	70	< 1.0	< 1.0	0.21 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.20 J	< 1.0	< 1.0
SW8260B	Tetrachloroethene	5.0	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	trans-1,2-Dichloroethene	100	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Trichloroethene	1.0**	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Vinyl chloride	1.0**	2.0	< 1.0	< 1.0	0.23 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Notes:
All units are measured in micrograms per liter (µg/l).
All results are compared to the EGLE Part 201 Generic Cleanup Criteria, June 2018.
Bold Result exceeds residential Drinking Water criteria
< Result not detected above reporting limit.

Footnote:
* Residential Drinking Water Criteria for 1,4-dioxane is derived from EGLE Proposed Rule Changes (September 2016) and Emergency Rules (October 27, 2016).
** Groundwater results for Trichloroethene and Vinyl Chloride are compared to the published EGLE Remediation and Redevelopment Division Target Detection Limit of 1.0 µg/l.

Abbreviations:

DW	drinking water
EGLE	Michigan Department of Environment, Great Lakes, and Energy
ft. bgs	feet below ground surface
J	estimated result
UB	analyte detected in associated blank
LTP	Livonia Transmission Plant
NS	Not Sampled

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Appendix A
Summary of Off-Site Groundwater Sampling Results -1Q 2020
Ford Livonia Transmission Plant

Analytic Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria	MW-102 2/14/2020 10-15	MW-102S 2/14/2020 2.5-12.5	MW-103S 2/10/2020 2-7	MW-104S 2/12/2020 9-14	MW-105S 2/12/2020 2.5-12.5	MW-106S 2/10/2020 2.5-12.5	MW-107S 2/10/2020 2.5-12.5	MW-108S 2/3/2020 2.5-12.5	MW-109S 2/20/2020 2.5-12.5	MW-110S 2/21/2020 8-13	MW-111S 2/5/2020 8-13	MW-112S 2/18/2020 2.5-12.5	MW-115S 2/11/2020 2.5-12.5	MW-116S 2/18/2020 3-13	MW-117S 2/11/2020 2.5-12.5
	Location:			MW-102	MW-102S	MW-103S	MW-104S	MW-105S	MW-106S	MW-107S	MW-108S	MW-109S	MW-110S	MW-111S	MW-112S	MW-115S	MW-116S	MW-117S
	Date:			2/14/2020	2/14/2020	2/10/2020	2/12/2020	2/12/2020	2/10/2020	2/10/2020	2/3/2020	2/20/2020	2/21/2020	2/5/2020	2/18/2020	2/11/2020	2/18/2020	2/11/2020
	Screen Interval (ft. bgs):			10-15	2.5-12.5	2-7	9-14	2.5-12.5	2.5-12.5	2.5-12.5	2.5-12.5	2.5-12.5	8-13	8-13	2.5-12.5	2.5-12.5	3-13	2.5-12.5
SW8468260BBYSIM	1,4-Dioxane	7.2*	350	1.4 J	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
SW8260B	1,1-Dichloroethene	7.0	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	cis-1,2-Dichloroethene	70	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Tetrachloroethene	5.0	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	trans-1,2-Dichloroethene	100	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Trichloroethene	1.0**	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.30 J
SW8260B	Vinyl chloride	1.0**	2.0	**1.3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.77 J	< 1.0	0.90 J

Analytic Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria	MW-118S 2/11/2020 2.5-12.5	MW-119S 2/19/2020 2.5-12.5	MW-121S 2/13/2020 2.5-12.5	MW-123S 2/5/2020 2.5-12.5	MW-125 2/3/2020 7-12	MW-125S 2/4/2020 2-7	MW-126S 2/12/2020 3-13	MW-127S 2/7/2020 3-13	MW-128S 2/10/2020 4-14	MW-129 2/3/2020 10-15	MW-129S 2/3/2020 2-7	MW-130S 2/10/2020 3-13	MW-131S 2/4/2020 2.5-12.5	MW-132S 2/4/2020 2.5-12.5	MW-133S 2/10/2020 4-9
	Location:			MW-118S	MW-119S	MW-121S	MW-123S	MW-125	MW-125S	MW-126S	MW-127S	MW-128S	MW-129	MW-129S	MW-130S	MW-131S	MW-132S	MW-133S
	Date:			2/11/2020	2/19/2020	2/13/2020	2/5/2020	2/3/2020	2/4/2020	2/12/2020	2/7/2020	2/10/2020	2/3/2020	2/3/2020	2/10/2020	2/4/2020	2/4/2020	2/10/2020
	Screen Interval (ft. bgs):			2.5-12.5	2.5-12.5	2.5-12.5	2.5-12.5	7-12	2-7	3-13	3-13	4-14	10-15	2-7	3-13	2.5-12.5	2.5-12.5	4-9
SW8468260BBYSIM	1,4-Dioxane	7.2*	350	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
SW8260B	1,1-Dichloroethene	7.0	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	cis-1,2-Dichloroethene	70	70	< 1.0	0.22 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Tetrachloroethene	5.0	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	trans-1,2-Dichloroethene	100	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Trichloroethene	1.0**	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Vinyl chloride	1.0**	2.0	< 1.0	< 1.0	< 1.0	**1.8**	< 1.0	< 1.0	< 1.0	0.43 J	< 1.0	< 1.0	< 1.0	**1.3**	0.52 J	< 1.0	< 1.0

Analytic Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria	MW-134S 2/11/2020 5-10	MW-135S 2/12/2020 5-10	MW-136S 2/10/2020 2-7	MW-137S 2/4/2020 2-7	MW-138S 2/12/2020 2-7	MW-139S 2/12/2020 2-7	MW-140S 2/5/2020 2-7	MW-141S 2/11/2020 3-8	MW-142S 2/3/2020 2.5-7.5	MW-143S 2/7/2020 5.5-10.5	MW-144S 2/11/2020 7-12	MW-145S 2/7/2020 6-11	MW-146S 2/6/2020 6-11	MW-147S 2/6/2020 2-7	MW-148S 2/4/2020 2-7
	Location:			MW-134S	MW-135S	MW-136S	MW-137S	MW-138S	MW-139S	MW-140S	MW-141S	MW-142S	MW-143S	MW-144S	MW-145S	MW-146S	MW-147S	MW-148S
	Date:			2/11/2020	2/12/2020	2/10/2020	2/4/2020	2/12/2020	2/12/2020	2/5/2020	2/11/2020	2/3/2020	2/7/2020	2/11/2020	2/7/2020	2/6/2020	2/6/2020	2/4/2020
	Screen Interval (ft. bgs):			5-10	5-10	2-7	2-7	2-7	2-7	2-7	3-8	2.5-7.5	5.5-10.5	7-12	6-11	6-11	2-7	2-7
SW8468260BBYSIM	1,4-Dioxane	7.2*	350	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
SW8260B	1,1-Dichloroethene	7.0	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	cis-1,2-Dichloroethene	70	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Tetrachloroethene	5.0	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	trans-1,2-Dichloroethene	100	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Trichloroethene	1.0**	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Vinyl chloride	1.0**	2.0	0.38 J	< 1.0	< 1.0	0.27 J	**1.3**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.22 J

Notes:
All units are measured in micrograms per liter (µg/l).
All results are compared to the EGLE Part 201 Generic Cleanup Criteria, June 2018.
Bold Result exceeds residential Drinking Water criteria
< Result not detected above reporting limit.

Footnote:
* Residential Drinking Water Criteria for 1,4-dioxane is derived from EGLE Proposed Rule Changes (September 2016) and Emergency Rules (October 27, 2016).
** Groundwater results for Trichloroethene and Vinyl Chloride are compared to the published EGLE Remediation and Redevelopment Division Target Detection Limit of 1.0 µg/l.

Abbreviations:

DW	drinking water
EGLE	Michigan Department of Environment, Great Lakes, and Energy
ft. bgs	feet below ground surface
J	estimated result
UB	analyte detected in associated blank
LTP	Livonia Transmission Plant
NS	Not Sampled

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Appendix A
Summary of Off-Site Groundwater Sampling Results -1Q 2020
Ford Livonia Transmission Plant

Location:				MW-149S	MW-150S	MW-151S	MW-152S	MW-153S	MW-154S	MW-155S	MW-156S	MW-157S	MW-158S	MW-159S	MW-160S	MW-161S	MW-162S	MW-163S
Date:				2/7/2020	2/7/2020	2/4/2020	2/3/2020	2/7/2020	2/7/2020	2/11/2020	2/11/2020	2/11/2020	2/20/2020	2/19/2020	2/11/2020	2/19/2020	2/6/2020	2/3/2020
Screen Interval (ft. bgs):				2-7	2-7	2.5-7.5	2.5-7.5	2-7	2-7	2-7	3-8	2.5-7.5	2.5-7.5	4-9	4-9	2.5-7.5	3-8	2-7
Analytic Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria															
SW8468260BBYSIM	1,4-Dioxane	7.2*	350	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
SW8260B	1,1-Dichloroethene	7.0	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	cis-1,2-Dichloroethene	70	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Tetrachloroethene	5.0	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	trans-1,2-Dichloroethene	100	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Trichloroethene	1.0**	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Vinyl chloride	1.0**	2.0	**1.9**	< 1.0	0.67 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Location:				MW-164S	MW-165S	MW-166S	MW-167S	MW-168S	MW-169S	MW-170S	MW-171S	MW-172S	MW-173S	MW-174S	MW-175S	MW-176S	MW-177S	MW-178S
Date:				2/21/2020	2/21/2020	2/7/2020	2/5/2020	2/10/2020	2/10/2020	2/20/2020	2/4/2020	2/17/2020	2/14/2020	2/10/2020	NS	2/14/2020	2/13/2020	2/13/2020
Screen Interval (ft. bgs):				3-8	2-7	6-11	5-10	2-7	2-7	4.5-9.5	2-7	4.5-9.5	5.5-10.5	5.5-10.5	6-11	5-10	4-9	4.5-9.5
Analytic Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria															
SW8468260BBYSIM	1,4-Dioxane	7.2*	350	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NS	< 2.0	< 2.0	< 2.0
SW8260B	1,1-Dichloroethene	7.0	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0
SW8260B	cis-1,2-Dichloroethene	70	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0
SW8260B	Tetrachloroethene	5.0	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0
SW8260B	trans-1,2-Dichloroethene	100	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0
SW8260B	Trichloroethene	1.0**	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0
SW8260B	Vinyl chloride	1.0**	2.0	< 1.0	< 1.0	< 1.0	< 1.0	0.21 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NS	< 1.0	< 1.0	< 1.0

Location:				MW-179S	MW-180SR	MW-181S	MW-182S	MW-183S	MW-184S	MW-185S	MW-186S	MW-187	MW-187S	MW-188S	MW-189	MW-189S	MW-190	MW-190S
Date:				2/17/2020	2/18/2020	2/17/2020	2/12/2020	2/12/2020	2/12/2020	2/21/2020	2/10/2020	2/7/2020	2/7/2020	2/20/2020	2/4/2020	2/4/2020	2/10/2020	2/10/2020
Screen Interval (ft. bgs):				6-11	6.5-11.5	3.5-8.5	4-9	8-13	4.5-9.5	6-11	2-7.5	8-13	3-8	10-15	10-15	4.5-95	9-14	2.5-7.5
Analytic Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria															
SW8468260BBYSIM	1,4-Dioxane	7.2*	350	< 2.0	2.3	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
SW8260B	1,1-Dichloroethene	7.0	7.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	cis-1,2-Dichloroethene	70	70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.86 J	0.45 J
SW8260B	Tetrachloroethene	5.0	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	trans-1,2-Dichloroethene	100	100	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Trichloroethene	1.0**	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Vinyl chloride	1.0**	2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Notes:
All units are measured in micrograms per liter (µg/l).
All results are compared to the EGLE Part 201 Generic Cleanup Criteria, June 2018.
Bold Result exceeds residential Drinking Water criteria
< Result not detected above reporting limit.

Footnote:
* Residential Drinking Water Criteria for 1,4-dioxane is derived from EGLE Proposed Rule Changes (September 2016) and Emergency Rules (October 27, 2016).
** Groundwater results for Trichloroethene and Vinyl Chloride are compared to the published EGLE Remediation and Redevelopment Division Target Detection Limit of 1.0 µg/l.

Abbreviations:

DW	drinking water
EGLE	Michigan Department of Environment, Great Lakes, and Energy
ft. bgs	feet below ground surface
J	estimated result
UB	analyte detected in associated blank
LTP	Livonia Transmission Plant
NS	Not Sampled

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Appendix A
Summary of Off-Site Groundwater Sampling Results -1Q 2020
Ford Livonia Transmission Plant

			Location:	MW-191S	MW-192S	MW-193S	MW-207S
			Date:	2/17/2020	2/12/2020	2/19/2020	2/5/2020
			Screen Interval (ft. bgs):	2.5-7.5	2.5-7.5	3-8	4.5-9.5
Analytic Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria				
SW8468260BBYSIM	1,4-Dioxane	7.2*	350	< 2.0	< 2.0	< 2.0	< 2.0
SW8260B	1,1-Dichloroethene	7.0	7.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	cis-1,2-Dichloroethene	70	70	2.6	< 1.0	< 1.0	< 1.0
SW8260B	Tetrachloroethene	5.0	5.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	trans-1,2-Dichloroethene	100	100	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Trichloroethene	1.0**	5.0	0.27 J	< 1.0	< 1.0	< 1.0
SW8260B	Vinyl chloride	1.0**	2.0	< 1.0	< 1.0	< 1.0	< 1.0

			Location:	MW-214S	MW-215S	MW-216S
			Date:	2/7/2020	2/4/2020	2/4/2020
			Screen Interval (ft. bgs):	5.5-10.5	3-8	6-11
Analytic Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria			
SW8468260BBYSIM	1,4-Dioxane	7.2*	350	< 2.0	< 2.0	< 2.0
SW8260B	1,1-Dichloroethene	7.0	7.0	< 1.0	< 1.0	< 1.0
SW8260B	cis-1,2-Dichloroethene	70	70	< 1.0	< 1.0	< 1.0
SW8260B	Tetrachloroethene	5.0	5.0	< 1.0	< 1.0	< 1.0
SW8260B	trans-1,2-Dichloroethene	100	100	< 1.0	< 1.0	< 1.0
SW8260B	Trichloroethene	1.0**	5.0	< 1.0	< 1.0	< 1.0
SW8260B	Vinyl chloride	1.0**	2.0	< 1.0	< 1.0	< 1.0

			Location:	MW-217S	MW-223S	MW-225S
			Date:	2/3/2020	2/4/2020	2/4/2020
			Screen Interval (ft. bgs):	6-11	8.5-13.5	5.5-10.5
Analytic Method	Chemical Name	Ford LTP Offsite Residential DW Criteria	MI GW (EGLE 2018) Non Residential DW Criteria			
SW8468260BBYSIM	1,4-Dioxane	7.2*	350	< 2.0	< 2.0	< 2.0
SW8260B	1,1-Dichloroethene	7.0	7.0	< 1.0	< 1.0	< 1.0
SW8260B	cis-1,2-Dichloroethene	70	70	< 1.0	< 1.0	< 1.0
SW8260B	Tetrachloroethene	5.0	5.0	< 1.0	< 1.0	< 1.0
SW8260B	trans-1,2-Dichloroethene	100	100	< 1.0	< 1.0	< 1.0
SW8260B	Trichloroethene	1.0**	5.0	< 1.0	< 1.0	< 1.0
SW8260B	Vinyl chloride	1.0**	2.0	< 1.0	< 1.0	< 1.0

Notes:
All units are measured in micrograms per liter (µg/l).
All results are compared to the EGLE Part 201 Generic Cleanup Criteria, June 2018.
Bold Result exceeds residential Drinking Water criteria
< Result not detected above reporting limit.

Footnote:
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** Groundwater results for Trichloroethene and Vinyl Chloride are compared to the published EGLE Remediation and Redevelopment Division Target Detection Limit of 1.0 µg/l.

Abbreviations:
DW drinking water
EGLE Michigan Department of Environment, Great Lakes, and Energy
ft. bgs feet below ground surface
J estimated result
UB analyte detected in associated blank
LTP Livonia Transmission Plant
NS Not Sampled

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APPENDIX B

On-Site Groundwater Field Sampling Logs

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-1			Date	2-14-20
Project Name/Location	Ford LTP			Weather	19.04 degrees F, Mostly 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)	3.67	Total Depth (ft-bmp)	18.65	Water Column (ft.)	14.98	Gallons in Well	2.43
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.48				
Sample Time: Label	17:48	Volume Purged	1.17 gallons	Replicate/Code No.	MW-1-MS_021420 and MW-1-MSD_021420	Sampled by	Melissa Weaver
Purge Start	16:50						
Purge End	17:48						

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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
16:58	0	100	4.03	0.00	7.69	111.00	45.80	5.20	6.8	62.9	Clear, Small Brown Particulates	No Odor
17:03	5	100	3.98	0.13	7.70	111.30	41.50	6.60	6.1	62.5	Small Brown Particulates	No Odor
17:08	5	100	3.98	0.26	7.70	111.50	38.70	4.21	6.2	62.4	Clear, Small Brown Particulates	No Odor
17:13	5	100	3.98	0.39	7.69	112.80	27.20	5.54	6.1	62.3	Clear, Small Brown Particulates	No Odor
17:18	5	100	3.98	0.39	7.70	112.80	26.90	2.58	5.9	62.3	Clear, Small Brown Particulates	No Odor
17:23	5	100	3.98	0.52	7.70	114.20	16.50	6.38	5.1	62.3	Clear, Small Brown Particulates	No Odor
17:28	5	100	4.00	0.65	7.70	114.20	10.50	6.46	5.2	62.3	Clear, Small Brown Particulates	No Odor
17:33	5	100	4.00	0.78	7.69	114.00	2.45	6.24	6.2	62.5	Clear, Small Brown Particulates	No Odor
17:38	5	100	4.00	0.91	7.69	114.30	0.02	6.16	6.0	62.6	Clear, Small Brown Particulates	No Odor
17:43	5	100	4.00	1.04	7.69	115.00	0.02	6.20	5.9	62.5	Clear, Small Brown Particulates	No Odor
17:48	5	100	4.00	1.17	7.69	114.40	0.02	6.01	6.0	62.5	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	9	HCL
1,4-dioxane	40 mL Glass	9	HCL

Comments Purge 3 well volumes due to potential contamination (well lid was not on and J-plug was not intact upon arrival). Started to purge 3 well volumes at 3:20. I couldn't position my vehicle next to the well. I had to use a battery to purge which wouldn't let the flow go as fast.

Well Casing Volumes

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

Well Information

Well Location:	SW Parking lot	Well Locked at Arrival:	no
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.	30042006.0401.02	Well ID	MW-2			Date	2-19-20
Project Name/Location		Ford LTP		Weather	21.92 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.5-20.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.82	Total Depth (ft-bmp)	19.48	Water Column (ft.)	12.66	Gallons in Well	2.06
		Pump Intake (ft-bmp)	18.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.38				
Sample Time: Label	10:22	Volume Purged	0.78 gallons	Replicate/Code No.	DUP-09	Sampled by	Heather Woodrum
Purge Start	9:50						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:50	0	100	7.00	0.00	7.15	14.05	7.31	1.03	18.7	-80.1	Clear	No Odor
9:55	5	100	7.02	0.13	7.15	14.44	6.40	0.35	20.1	-108.6	Clear	No Odor
10:00	5	100	7.06	0.26	7.16	14.45	2.93	0.29	20.3	-113.9	Clear	No Odor
10:05	5	100	7.08	0.39	7.17	14.47	2.92	0.23	20.4	-117.3	Clear	No Odor
10:10	5	100	7.08	0.52	7.18	14.48	3.97	0.21	20.5	-119.0	Clear	No Odor
10:15	5	100	7.08	0.65	7.18	14.48	3.65	0.17	20.6	-120.2	Clear	No Odor
10:20	5	100	7.08	0.78	7.18	14.49	2.96	0.17	20.6	-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
1,4-dioxane	40 mL Glass	6	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	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:	Q16	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-3			Date	2-19-20
Project Name/Location	Ford LTP			Weather	23.00 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.02	Total Depth (ft-bmp)	18.63	Water Column (ft.)	11.61	Gallons in Well	1.89
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.51				
Sample Time: Label	11:17	Volume Purged	0.96 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
Purge Start	10:45						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:45	0	120	7.28	0.00	7.31	14.19	0.02	0.96	20.7	-111.6	Clear	No Odor
10:50	5	120	7.13	0.16	7.32	14.28	1.62	0.45	20.7	-122.3	Clear	No Odor
10:55	5	120	7.13	0.32	7.33	14.31	0.02	0.25	20.7	-127.6	Clear	No Odor
11:00	5	120	7.13	0.48	7.32	14.33	0.02	0.19	20.7	-129.4	Clear	No Odor
11:05	5	120	7.13	0.64	7.32	14.25	0.02	0.16	20.7	-131.1	Clear	No Odor
11:10	5	120	7.13	0.80	7.32	14.11	0.02	0.14	20.8	-131.9	Clear	No Odor
11:15	5	120	7.13	0.96	7.32	14.04	0.02	0.13	20.7	-132.6	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
1,4-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 None

Well Casing Volumes

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

Well Information

Well Location:	Q42	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-4			Date	2-19-20
Project Name/Location		Ford LTP		Weather	24.98 degrees F, Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.5-20.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.50	Total Depth (ft-bmp)	20.13	Water Column (ft.)	12.63	Gallons in Well	2.05
		Pump Intake (ft-bmp)	18.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.38				
Sample Time: Label	13:32	Volume Purged	0.78 gallons	Replicate/Code No.	DUP-10	Sampled by	Heather Woodrum
Purge Start	13:00						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:00	0	100	7.54	0.00	7.20	11.30	0.84	1.18	21.9	-93.0	Clear	No Odor
13:05	5	100	7.54	0.13	7.11	10.39	0.02	0.73	22.2	-102.5	Clear	No Odor
13:10	5	100	7.54	0.26	7.10	10.20	0.02	0.40	22.3	-108.4	Clear	No Odor
13:15	5	100	7.54	0.39	7.10	10.15	0.41	0.32	22.3	-110.9	Clear	No Odor
13:20	5	100	7.54	0.52	7.10	10.12	2.21	0.29	22.3	-112.3	Clear	No Odor
13:25	5	100	7.54	0.65	7.10	10.10	0.02	0.27	22.3	-112.1	Clear	No Odor
13:30	5	100	7.54	0.78	7.11	10.07	0.02	0.28	22.3	-109.9	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
1,4-dioxane	40 mL Glass	6	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	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:	L14	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.	30042006.0401.02	Well ID	MW-5			Date	2-19-20
Project Name/Location		Ford LTP		Weather	23.00 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15.5-20.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.10	Total Depth (ft-bmp)	19.68	Water Column (ft.)	12.58	Gallons in Well	2.04
		Pump Intake (ft-bmp)	18.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.46				
Sample Time: Label	12:17	Volume Purged	0.93 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
Purge Start	11:45						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:45	0	100	7.42	0.00	7.44	13.65	0.02	0.84	21.2	-82.6	Clear	No Odor
11:50	5	120	7.42	0.13	7.40	13.92	0.02	0.39	21.2	-116.8	Clear	No Odor
11:55	5	120	7.42	0.29	7.40	13.87	0.02	0.28	21.2	-123.7	Clear	No Odor
12:00	5	120	7.42	0.45	7.40	13.74	0.02	0.25	21.2	-129.3	Clear	No Odor
12:05	5	120	7.41	0.61	7.40	13.76	0.02	0.19	21.2	-133.3	Clear	No Odor
12:10	5	120	7.41	0.77	7.40	13.75	0.02	0.18	21.2	-136.4	Clear	No Odor
12:15	5	120	7.41	0.93	7.40	13.75	0.02	0.17	21.2	-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
1,4-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 None

Well Casing Volumes

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

Well Information

Well Location:	Inside clean room	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.	30042006.0401.02	Well ID	MW-7			Date	2-7-20
Project Name/Location	Ford LTP			Weather	26.96 degrees F, 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)	4.35	Total Depth (ft-bmp)	22.36	Water Column (ft.)	18.00	Gallons in Well	2.92
		Pump Intake (ft-bmp)	20.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.53				
Sample Time: Label	11:22	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	10:18						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	100	4.53	0.00	7.31	35.60	14.40	0.76	10.4	11.1	Clear	No Odor
10:25	5	100	4.50	0.13	7.50	33.76	10.80	0.62	9.8	-77.7	Clear	No Odor
10:30	5	100	4.50	0.26	7.46	26.34	7.56	0.45	10.0	-92.2	Clear	No Odor
10:35	5	100	4.50	0.39	7.43	24.29	4.15	0.38	10.1	-95.7	Clear	No Odor
10:40	5	100	4.50	0.52	7.41	22.27	2.53	0.37	10.4	-92.6	Clear	No Odor
10:45	5	100	4.50	0.65	7.38	19.67	0.02	0.40	10.5	-81.4	Clear	No Odor
10:50	5	100	4.50	0.78	7.37	18.35	1.55	0.37	10.5	-74.6	Clear	No Odor
10:55	5	100	4.50	0.91	7.35	17.30	0.02	0.37	10.6	-68.8	Clear	No Odor
11:00	5	100	4.52	1.04	7.33	16.42	0.02	0.34	10.7	-64.4	Clear	No Odor
11:05	5	100	4.52	1.17	7.32	15.69	0.58	0.29	10.8	-61.1	Clear	No Odor
11:10	5	100	4.51	1.30	7.32	15.26	0.02	0.30	10.8	-59.9	Clear	No Odor
11:15	5	100	4.51	1.43	7.31	14.89	0.02	0.24	10.9	-59.2	Clear	No Odor
11:20	5	100	4.51	1.56	7.31	14.67	0.02	0.25	11.0	-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:	Ford LTP	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.	30042006.0401.02	Well ID	MW-9			Date	2-10-20
Project Name/Location	Ford LTP			Weather	30.92 degrees F, 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)	6.10	Total Depth (ft-bmp)	24.24	Water Column (ft.)	18.16	Gallons in Well	2.95
		Pump Intake (ft-bmp)	22.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.53				
Sample Time: Label	12:39	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	11:32						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:35	0	100	6.53	0.00	7.65	83.20	37.90	2.73	11.4	225.7	Clear, Small Brown Particulates	No Odor
11:40	5	100	6.70	0.13	7.66	83.00	37.30	2.06	11.6	217.2	Clear, Small Brown Particulates	No Odor
11:45	5	100	6.80	0.26	7.65	81.70	32.90	1.84	11.7	212.0	Clear, Small Brown Particulates	No Odor
11:50	5	100	6.86	0.39	7.65	81.10	23.00	1.72	11.7	209.2	Clear, Small Brown Particulates	No Odor
11:55	5	100	6.90	0.52	7.67	79.80	18.30	1.52	12.1	206.9	Clear, Small Brown Particulates	No Odor
12:00	5	100	6.92	0.65	7.68	78.70	16.20	1.38	12.0	205.2	Clear, Small Brown Particulates	No Odor
12:05	5	100	6.92	0.78	7.69	77.20	18.00	1.20	12.2	203.6	Clear, Small Brown Particulates	No Odor
12:10	5	100	6.90	0.91	7.70	76.00	18.40	1.21	11.8	202.4	Clear, Small Brown Particulates	No Odor
12:15	5	100	6.87	1.04	7.71	74.50	20.00	1.10	11.9	200.9	Clear, Small Brown Particulates	No Odor
12:20	5	100	6.86	1.17	7.71	72.90	21.60	1.03	11.8	199.5	Clear, Small Brown Particulates	No Odor
12:25	5	100	6.85	1.30	7.71	71.60	19.70	0.99	11.9	198.9	Clear, Small Brown Particulates	No Odor
12:30	5	100	6.85	1.43	7.70	69.50	20.30	0.89	12.1	197.2	Clear, Small Brown Particulates	No Odor
12:35	5	100	6.83	1.56	7.69	67.70	22.80	0.81	12.1	195.5	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 Muddy around sides of casing. Cover has no screws. Needs two screws.

Well Casing Volumes

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

Well Information

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

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-10			Date	2-19-20
Project Name/Location		Ford LTP		Weather	30.02 degrees F, 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)	8.40	Total Depth (ft-bmp)	20.76	Water Column (ft.)	12.36	Gallons in Well	2.01
		Pump Intake (ft-bmp)	19.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.45				
Sample Time: Label	15:12	Volume Purged	0.91 gallons	Replicate/Code No.	DUP-12	Sampled by	Heather Woodrum
Purge Start	14:35						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:35	0	100	8.62	0.00	7.29	8.66	10.70	0.90	20.0	-88.2	Clear	No Odor
14:40	5	100	8.62	0.13	7.29	8.63	15.00	0.34	21.1	-105.7	Clear	No Odor
14:45	5	100	8.62	0.26	7.29	8.67	14.60	0.27	21.3	-109.4	Clear	No Odor
14:50	5	100	8.62	0.39	7.27	8.71	8.86	0.23	21.3	-111.9	Clear	No Odor
14:55	5	100	8.62	0.52	7.26	8.77	9.02	0.23	21.4	-112.3	Clear	No Odor
15:00	5	100	8.62	0.65	7.24	8.81	3.50	0.19	21.4	-112.3	Clear	No Odor
15:05	5	100	8.62	0.78	7.24	8.83	4.71	0.19	21.5	-112.3	Clear	No Odor
15:10	5	100	8.62	0.91	7.22	8.85	3.92	0.19	21.5	-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
1,4-dioxane	40 mL Glass	6	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	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:	E14	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-14			Date	2-3-20
Project Name/Location		Ford LTP		Weather	50.00 degrees F, Mostly 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)	5.98	Total Depth (ft-bmp)	19.26	Water Column (ft.)	13.28	Gallons in Well	2.16
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.72				
Sample Time: Label	15:55	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	14:46						
Purge End	16:00						

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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:50	0	100	6.33	0.00	8.22	23.06	44.00	3.97	13.0	218.6	Clear	No Odor
14:55	5	100	6.29	0.13	8.32	23.02	46.10	4.43	12.3	205.9	Clear	No Odor
15:00	5	100	6.33	0.26	8.33	22.97	36.60	3.82	12.3	194.8	Clear	No Odor
15:05	5	100	6.29	0.39	8.31	22.85	38.70	3.37	12.4	185.3	Clear	No Odor
15:10	5	100	6.28	0.52	8.29	22.76	26.50	3.06	12.5	172.2	Clear	No Odor
15:15	5	100	6.29	0.65	8.23	22.29	23.60	2.67	12.5	140.8	Clear	No Odor
15:20	5	100	6.33	0.78	8.26	21.77	14.30	2.58	12.5	125.6	Clear	No Odor
15:25	5	100	6.32	0.91	8.27	20.39	9.60	2.36	12.5	107.7	Clear	No Odor
15:30	5	100	6.29	1.04	8.23	18.87	9.47	2.48	12.4	85.7	Clear	No Odor
15:35	5	100	6.29	1.17	8.13	17.07	8.71	2.26	12.4	63.7	Clear	No Odor
15:40	5	100	6.25	1.30	8.01	15.42	7.47	2.36	12.5	35.9	Clear	No Odor
15:45	5	100	6.27	1.43	7.99	15.07	7.77	2.82	12.6	28.4	Clear	No Odor
15:50	5	100	6.26	1.56	7.77	13.16	7.49	2.61	12.6	-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
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

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

Well Information

Well Location:	Ford LTP	Well Locked at Arrival:	no
Condition of Well:	Fair	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-15-59D			Date	2-21-20
Project Name/Location		Ford LTP		Weather	26.06 degrees F, Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	94-99	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	21.35	Total Depth (ft-bmp)	100.40	Water Column (ft.)	79.05	Gallons in Well	12.84
		Pump Intake (ft-bmp)	96.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.22				
Sample Time: Label	13:22	Volume Purged	2.78 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
Purge Start	12:40						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:40	0	200	21.41	0.00	7.73	0.38	45.70	1.78	12.2	0.2	Clear	No Odor
12:45	5	300	21.45	0.26	7.82	0.38	179.00	0.91	12.8	-79.7	Gray	No Odor
12:50	5	300	21.45	0.66	7.89	0.38	165.00	0.58	12.7	-92.2	Gray	No Odor
12:55	5	300	21.45	1.06	7.93	0.38	54.30	0.45	12.9	-99.4	Turbid	No Odor
13:00	5	250	21.45	1.46	7.97	0.38	35.70	0.36	12.9	-105.9	Turbid	No Odor
13:05	5	250	21.45	1.79	8.03	0.38	55.30	0.30	12.9	-114.6	Turbid	No Odor
13:10	5	250	21.45	2.12	8.06	0.38	14.90	0.15	12.8	-118.5	Turbid	No Odor
13:15	5	250	21.45	2.45	8.07	0.38	14.50	0.15	12.7	-120.6	Clear	No Odor
13:20	5	200	21.45	2.78	8.08	0.38	14.30	0.18	12.7	-124.8	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 parking lot	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.	30042006.0401.02	Well ID	MW-15-60D			Date	2-21-20
Project Name/Location		Ford LTP		Weather	19.04 degrees F, Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	93-98	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	19.50	Total Depth (ft-bmp)	99.89	Water Column (ft.)	80.39	Gallons in Well	13.06
		Pump Intake (ft-bmp)	95.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.19				
Sample Time: Label	11:10	Volume Purged	2.48 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
Purge Start	10:10						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	300	19.82	0.00	7.91	0.52	19.50	1.82	10.3	-23.4	Clear	No Odor
10:25	5	200	19.75	0.40	7.89	0.50	9.13	1.77	10.1	-38.2	Clear	No Odor
10:30	5	200	19.78	0.66	7.97	0.48	12.50	0.73	12.2	-63.2	Clear	No Odor
10:35	5	200	19.86	0.92	8.02	0.47	10.40	0.34	12.7	-85.8	Clear	No Odor
10:40	5	200	19.85	1.18	8.07	0.46	5.36	0.22	12.7	-100.5	Clear	No Odor
10:45	5	200	19.90	1.44	8.11	0.45	1.80	0.10	12.8	-117.0	Clear	No Odor
10:50	5	200	19.97	1.70	8.11	0.45	2.46	0.05	12.8	-124.7	Clear	No Odor
10:55	5	200	20.01	1.96	8.13	0.45	1.03	0.05	12.9	-132.4	Clear	No Odor
11:00	5	200	20.08	2.22	8.15	0.45	0.58	0.00	12.9	-137.6	Clear	No Odor
11:05	5	200	20.03	2.48	8.16	0.45	1.09	0.01	12.8	-141.9	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
1,4-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 None

Well Casing Volumes

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

Well Information

Well Location:	Parking lot 3rd row, space 8	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-15-61D			Date	2-8-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	88-93	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	26.25	Total Depth (ft-bmp)	92.90	Water Column (ft.)	66.65	Gallons in Well	10.83
		Pump Intake (ft-bmp)	90.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.19				
Sample Time: Label	11:20	Volume Purged	2.11 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
Purge Start	10:25						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:37	0	150	30.65	0.00	7.54	0.96	31.10	0.41	11.0	-16.8	Clear	No Odor
10:42	5	300	32.78	0.20	7.47	0.93	8.35	0.44	11.8	-29.3	Clear	No Odor
10:47	5	150	33.48	0.60	7.47	0.91	11.90	0.57	11.5	-40.1	Clear	No Odor
10:52	5	150	34.26	0.80	7.44	0.90	8.26	0.48	10.3	-43.8	Clear	No Odor
10:57	5	200	35.50	1.00	7.46	0.89	10.50	0.45	11.9	-51.9	Clear	No Odor
11:02	5	200	36.20	1.26	7.43	0.89	8.02	0.46	11.7	-52.4	Clear	No Odor
11:07	5	200	37.97	1.52	7.45	0.88	4.58	0.49	11.7	-58.0	Clear	No Odor
11:12	5	250	39.23	1.78	7.42	0.87	4.80	0.41	11.8	-61.7	Clear	No Odor
11:17	5	200	40.94	2.11	7.45	0.89	4.95	0.47	11.8	-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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 truck lane	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-18			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	13-18	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.56	Total Depth (ft-bmp)	17.83	Water Column (ft.)	11.27	Gallons in Well	1.83
		Pump Intake (ft-bmp)	15.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.85				
Sample Time: Label	15:23	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	14:14						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:20	0	100	6.64	0.00	6.75	52.30	107.00	4.19	11.1	234.9	Cloudy, Small Brown Particulates	No Odor
14:25	5	100	6.63	0.13	6.79	55.70	102.00	3.66	11.5	224.6	Clear, Small Brown Particulates	No Odor
14:30	5	100	6.62	0.26	6.80	57.90	80.80	2.67	11.7	212.2	Clear, Small Brown Particulates	No Odor
14:35	5	100	6.62	0.39	6.82	57.82	72.30	2.30	11.5	196.5	Clear, Small Brown Particulates	No Odor
14:40	5	100	6.63	0.52	6.83	56.30	58.30	1.92	11.7	175.7	Clear, Small Brown Particulates	No Odor
14:45	5	100	6.62	0.65	6.84	54.64	47.60	1.58	11.8	154.7	Clear, Small Brown Particulates	No Odor
14:50	5	100	6.62	0.78	6.86	53.32	44.90	1.34	11.7	142.0	Clear, Small Brown Particulates	No Odor
14:55	5	100	6.00	0.91	6.89	50.23	39.00	1.12	11.5	122.3	Clear, Small Brown Particulates	No Odor
15:00	5	100	6.00	1.04	6.91	48.62	34.50	1.03	11.5	112.4	Clear, Small Brown Particulates	No Odor
15:05	5	100	6.59	1.17	6.91	46.80	29.00	0.94	11.4	102.8	Clear, Small Brown Particulates	No Odor
15:10	5	100	6.58	1.30	6.92	45.06	24.30	0.88	11.4	93.6	Clear, Small Brown Particulates	No Odor
15:15	5	100	6.58	1.43	6.93	43.45	26.40	0.84	11.5	85.5	Clear, Small Brown Particulates	No Odor
15:20	5	100	6.58	1.56	6.94	41.68	18.60	0.78	11.7	78.0	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:	Ford LTP	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-19			Date	2-20-20
Project Name/Location	Ford LTP			Weather	21.02 degrees F, Mostly 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)	5.79	Total Depth (ft-bmp)	19.82	Water Column (ft.)	14.03	Gallons in Well	2.28
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.34				
Sample Time: Label	11:52	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
Purge Start	11:20						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	100	5.92	0.00	6.96	13.19	9.20	1.18	7.7	-48.1	Clear	No Odor
11:25	5	100	5.92	0.13	6.96	13.18	3.81	0.40	8.2	-57.1	Clear	No Odor
11:30	5	100	5.92	0.26	6.97	13.21	0.02	0.24	8.7	-62.3	Clear	No Odor
11:35	5	100	5.92	0.39	6.98	13.20	0.80	0.26	9.1	-65.0	Clear	No Odor
11:40	5	100	5.92	0.52	6.98	13.22	1.68	0.26	9.2	-67.1	Clear	No Odor
11:45	5	100	5.92	0.65	6.98	13.18	0.02	0.19	9.0	-68.1	Clear	No Odor
11:50	5	100	5.92	0.78	6.99	13.18	0.02	0.18	9.1	-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
1,4-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 None

Well Casing Volumes

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

Well Information

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

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-21			Date	2-14-20
Project Name/Location		Ford LTP		Weather	10.94 degrees F, Mostly Clear		
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)	7.06	Total Depth (ft-bmp)	17.65	Water Column (ft.)	10.59	Gallons in Well	1.72
		Pump Intake (ft-bmp)	16.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.02				
Sample Time: Label	13:28	Volume Purged	1.75 gallons	Replicate/Code No.	DUP-03	Sampled by	Melissa Weaver
Purge Start	12:25						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:28	0	150	7.21	0.00	6.99	11.01	0.02	0.59	10.2	54.7	Clear	No Odor
12:38	10	130	7.20	0.40	7.05	10.45	0.02	0.13	9.2	42.9	Clear, Small Brown Particulates	No Odor
12:43	5	100	7.20	0.57	7.05	10.70	0.02	0.11	9.0	39.9	Clear, Small Brown Particulates,	No Odor
12:48	5	100	7.17	0.70	7.06	10.77	0.02	0.21	7.4	36.7	Clear, Small Brown Particulates	No Odor
12:53	5	100	7.15	0.83	7.06	10.76	0.02	0.12	8.4	32.7	Clear, Small Brown Particulates	No Odor
13:13	20	100	7.16	1.36	7.06	10.70	0.02	0.20	7.7	4.2	Clear, Small Brown Particulates	No Odor
13:18	5	100	7.16	1.49	7.05	10.84	0.02	0.19	8.2	4.5	Clear, Small Brown Particulates	No Odor
13:23	5	100	7.13	1.62	7.05	10.84	0.02	0.12	8.0	3.9	Clear, Small Brown Particulates	No Odor
13:28	5	100	7.13	1.75	7.06	11.02	0.02	0.15	7.6	3.1	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 Purged 3 well volumes due to potential contamination. Started the 3 well volume purge at 11:43. Interruption at 1:35 (water froze in tube). Interruption at 1:20 (YSI stopped working even though the battery was 1/2 charged. Changed the batteries out).

Well Casing Volumes

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

Well Information

Well Location:	S Parking lot	Well Locked at Arrival:	n/a
Condition of Well:	Casing broken, Poor	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-22			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16.5-20.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.60	Total Depth (ft-bmp)	20.46	Water Column (ft.)	12.86	Gallons in Well	2.09
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.75				
Sample Time: Label	16:21	Volume Purged	1.56 gallons	Replicate/Code No.	DUP-13	Sampled by	Gary Schafer
Purge Start	15:15						
Purge End	16:31						

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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:20	0	100	7.66	0.00	7.48	44.57	46.90	2.17	11.1	89.4	Cloudy	Faint Odor
15:25	5	100	7.66	0.13	7.49	43.43	28.10	1.75	11.1	83.2	Cloudy	Faint Odor
15:30	5	100	7.66	0.26	7.49	43.27	29.30	1.66	11.2	82.5	Cloudy	Faint Odor
15:35	5	100	7.66	0.39	7.49	42.80	20.70	1.45	11.1	78.6	Cloudy	Faint Odor
15:40	5	100	7.66	0.52	7.49	42.38	16.90	1.33	11.4	73.4	Clear	Faint Odor
15:45	5	100	7.67	0.65	7.49	42.34	15.70	1.22	11.6	66.8	Clear	Faint Odor
15:50	5	100	7.67	0.78	7.50	42.30	14.90	1.10	11.7	60.2	Clear	Faint Odor
15:55	5	100	7.67	0.91	7.49	42.23	16.20	1.01	11.7	55.3	Clear	No Odor
16:00	5	100	7.68	1.04	7.49	42.08	13.50	0.94	11.5	50.1	Clear	No Odor
16:05	5	100	7.68	1.17	7.49	41.63	13.70	0.88	11.6	45.1	Clear	No Odor
16:10	5	100	7.68	1.30	7.48	41.20	12.80	0.82	11.3	40.7	Clear	No Odor
16:15	5	100	7.68	1.43	7.48	40.45	9.48	0.80	11.4	35.8	Clear	No Odor
16:20	5	100	7.68	1.56	7.48	39.64	9.18	0.78	11.3	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	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:	MW-22	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.	30042006.0401.02	Well ID	MW-23			Date	2-7-20
Project Name/Location		Ford LTP		Weather	28.94 degrees F, 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)	6.05	Total Depth (ft-bmp)	19.69	Water Column (ft.)	13.64	Gallons in Well	2.22
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.70				
Sample Time: Label	12:51	Volume Purged	1.56 gallons	Replicate/Code No.	DUP-16	Sampled by	Gary Schafer
Purge Start	11:45						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:50	0	100	6.15	0.00	8.48	4.71	26.10	7.01	9.0	251.2	Cloudy	Faint Odor
11:55	5	100	6.15	0.13	8.73	4.66	29.00	6.05	9.3	244.3	Cloudy	Faint Odor
12:00	5	100	6.15	0.26	8.77	4.65	24.30	5.76	9.4	241.5	Cloudy	Faint Odor
12:05	5	100	6.17	0.39	8.76	4.59	18.20	5.33	9.3	239.6	Cloudy	No Odor
12:10	5	100	6.17	0.52	8.72	4.76	18.20	5.02	9.6	238.3	Cloudy	Faint Odor
12:15	5	100	6.17	0.65	8.71	4.77	17.50	4.84	9.4	237.8	Cloudy	Faint Odor
12:20	5	100	6.18	0.78	8.68	4.80	13.30	4.62	9.6	237.3	Clear	Faint Odor
12:25	5	100	6.18	0.91	8.65	4.87	13.70	4.34	9.6	236.7	Clear	Faint Odor
12:30	5	100	6.18	1.04	8.62	4.89	12.40	4.19	9.8	236.1	Clear	Faint Odor
12:35	5	100	6.18	1.17	8.59	4.93	10.60	3.97	10.0	235.1	Clear	Faint Odor
12:40	5	100	6.18	1.30	8.54	5.01	9.71	3.64	9.9	234.6	Clear	Faint Odor
12:45	5	100	6.18	1.43	8.50	5.07	8.70	3.45	9.8	234.6	Clear	Faint Odor
12:50	5	100	6.18	1.56	8.46	5.12	8.05	3.21	10.2	234.2	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	6	HCL
1,4-dioxane	40 mL Glass	6	HCL

Comments Water rising around 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:	MW-23	Well Locked at Arrival:	no
Condition of Well:	Good, Missing bolts	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-24			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19-24	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.31	Total Depth (ft-bmp)	23.71	Water Column (ft.)	14.40	Gallons in Well	2.34
		Pump Intake (ft-bmp)	21.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.67				
Sample Time: Label	10:27	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	9:20						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:25	0	100	9.43	0.00	6.88	3.26	164.00	0.88	9.6	180.9	Cloudy, Small Orange Particulates	No Odor
9:30	5	100	9.46	0.13	6.88	3.25	136.00	0.63	9.8	98.8	Clear, Small Orange Particulates	No Odor
9:35	5	100	9.44	0.26	6.89	3.24	123.00	0.42	10.1	35.9	Clear, Small Orange Particulates	No Odor
9:40	5	100	9.44	0.39	6.90	3.25	98.90	0.39	10.0	-3.4	Clear, Small Orange Particulates	No Odor
9:45	5	100	9.44	0.52	6.90	3.24	84.10	0.32	10.3	-20.7	Clear, Small Orange Particulates	No Odor
9:50	5	100	9.44	0.65	6.91	3.24	81.60	0.26	10.4	-33.2	Clear, Small Orange Particulates	No Odor
9:55	5	100	9.44	0.78	6.91	3.24	69.00	0.24	10.5	-41.3	Clear, Small Orange Particulates	No Odor
10:00	5	100	9.45	0.91	6.92	3.24	55.30	0.18	10.6	-47.5	Clear	No Odor
10:05	5	100	9.45	1.04	6.92	3.24	46.40	0.17	10.6	-52.1	Clear	No Odor
10:10	5	100	9.45	1.17	6.92	3.24	44.00	0.20	10.6	-54.5	Clear	No Odor
10:15	5	100	9.44	1.30	6.92	3.24	40.00	0.19	10.6	-56.3	Clear	No Odor
10:20	5	100	9.44	1.43	6.93	3.24	38.50	0.17	10.6	-58.5	Clear	No Odor
10:25	5	100	9.44	1.56	6.93	3.24	34.00	0.18	10.6	-60.2	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:	Ford LTP	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-25			Date	2-6-20
Project Name/Location		Ford LTP		Weather	26.96 degrees F, 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)	5.26	Total Depth (ft-bmp)	20.48	Water Column (ft.)	15.22	Gallons in Well	2.47
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.47				
Sample Time: Label	15:43	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	14:49						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:55	0	100	5.42	0.00	7.28	5.82	103.00	1.82	7.9	39.5	Clear, Small Brown Particulates	No Odor
15:00	5	100	5.46	0.13	7.28	5.66	63.40	1.07	10.7	29.7	Clear, Small Brown Particulates	No Odor
15:05	5	100	5.46	0.26	7.30	5.75	45.90	0.87	10.5	-60.5	Clear, Small Brown Particulates	No Odor
15:10	5	100	5.45	0.39	7.31	5.70	32.60	0.73	11.2	-76.2	Clear, Small Brown Particulates	No Odor
15:15	5	100	5.50	0.52	7.32	5.72	19.20	0.52	11.1	-84.8	Clear, Small Brown Particulates	Faint Odor
15:20	5	100	5.49	0.65	7.37	5.62	12.80	0.62	10.9	-77.3	Clear	No Odor
15:25	5	100	5.49	0.78	7.33	5.73	10.10	0.22	11.0	-86.6	Clear	No Odor
15:30	5	100	5.49	0.91	7.33	5.82	8.01	0.30	11.3	-95.6	Clear	No Odor
15:35	5	100	5.49	1.04	7.33	5.77	7.47	0.25	11.2	-100.6	Clear	No Odor
15:40	5	100	5.49	1.17	7.34	5.80	7.44	0.25	11.3	-104.8	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 Cover is cracked. Replace cover and two screws.

Well Casing Volumes

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

Well Information

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

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-26			Date	2-18-20
Project Name/Location		Ford LTP		Weather	39.92 degrees F, 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)	5.16	Total Depth (ft-bmp)	14.50	Water Column (ft.)	9.34	Gallons in Well	1.52
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.51				
Sample Time: Label	14:17	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
Purge Start	13:45						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:45	0	100	5.19	0.00	7.65	2.12	0.47	1.31	7.9	57.6	Small Black Particulates	No Odor
13:50	5	100	5.19	0.13	7.58	2.08	0.88	0.62	8.2	58.8	Small Black Particulates	No Odor
13:55	5	100	5.19	0.26	7.53	2.07	1.09	0.37	7.8	60.0	Small Black Particulates	No Odor
14:00	5	100	5.19	0.39	7.52	2.06	0.02	0.35	7.5	60.3	Small Black Particulates	No Odor
14:05	5	100	5.19	0.52	7.53	2.07	0.02	0.38	8.0	59.9	Small Black Particulates	No Odor
14:10	5	100	5.19	0.65	7.54	2.05	0.02	0.29	7.9	58.6	Small Black Particulates	No Odor
14:15	5	100	5.19	0.78	7.54	2.03	0.02	0.31	7.9	58.0	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
1,4-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 None

Well Casing Volumes

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

Well Information

Well Location:	Corner between point 11 and 10	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.	30042006.0401.02	Well ID	MW-28			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-12	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.27	Total Depth (ft-bmp)	11.68	Water Column (ft.)	8.41	Gallons in Well	1.37
		Pump Intake (ft-bmp)	7.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.57				
Sample Time: Label	16:05	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Melissa Weaver
Purge Start	15:31						
Purge End	16:05						

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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:35	0	100	3.33	0.00	8.57	43.33	0.02	40.70	7.5	74.4	Clear	No Odor
15:40	5	100	3.33	0.13	8.60	43.29	0.02	6.40	7.6	73.1	Clear	No Odor
15:45	5	100	3.33	0.26	8.63	42.81	0.02	3.66	7.2	71.8	Clear	No Odor
15:50	5	100	3.33	0.39	8.63	42.86	0.02	3.59	7.1	73.1	Clear	No Odor
15:55	5	100	3.34	0.52	8.64	42.81	0.02	3.39	7.1	73.2	Clear	No Odor
16:00	5	100	3.34	0.65	8.63	42.81	0.02	3.24	7.1	73.8	Clear	No Odor
16:05	5	100	3.34	0.78	8.63	42.45	0.02	3.25	7.0	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:	North parking lot	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.	30042006.0401.02	Well ID	MW-29			Date	2-21-20
Project Name/Location	Ford LTP			Weather	32.00 degrees F, Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.86	Total Depth (ft-bmp)	14.90	Water Column (ft.)	10.04	Gallons in Well	1.63
		Pump Intake (ft-bmp)	10.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.48				
Sample Time: Label	14:42	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
Purge Start	14:10						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:10	0	100	4.88	0.00	7.37	9.14	5.86	2.93	6.5	79.5	Clear	No Odor
14:15	5	100	4.88	0.13	7.37	9.62	0.02	1.01	7.2	76.4	Clear	No Odor
14:20	5	100	4.88	0.26	7.38	9.87	0.03	1.17	7.0	74.8	Clear	No Odor
14:25	5	100	4.88	0.39	7.39	9.98	0.69	1.09	6.9	73.8	Clear	No Odor
14:30	5	100	4.88	0.52	7.39	10.04	0.02	1.07	6.9	73.2	Clear	No Odor
14:35	5	100	4.88	0.65	7.39	10.01	1.70	1.07	6.9	72.4	Clear	No Odor
14:40	5	100	4.88	0.78	7.39	10.02	0.02	1.09	7.1	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
1,4-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 None

Well Casing Volumes

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

Well Information

Well Location:	Near picnic table by dock 15	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.	30042006.0401.02	Well ID	MW-30			Date	2-8-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19-24	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.70	Total Depth (ft-bmp)	24.71	Water Column (ft.)	15.01	Gallons in Well	2.44
		Pump Intake (ft-bmp)	21.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.96				
Sample Time: Label	10:45	Volume Purged	2.34 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
Purge Start	10:00						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:00	0	200	9.87	0.00	7.26	7.12	62.50	0.72	12.4	132.7	Small Orange Particulates	No Odor
10:05	5	200	9.95	0.26	7.29	7.12	35.50	0.51	12.4	104.2	Small Orange Particulates	No Odor
10:10	5	200	10.46	0.52	7.39	7.14	22.30	0.30	12.6	36.8	Small Orange Particulates	No Odor
10:15	5	200	10.43	0.78	7.40	7.11	17.00	0.25	12.9	9.8	Small Orange Particulates	No Odor
10:20	5	200	10.49	1.04	7.41	6.97	13.70	0.20	12.9	-30.0	Small Brown Particulates	No Odor
10:25	5	200	10.43	1.30	7.41	6.90	10.00	0.17	12.8	-54.1	Small Brown Particulates	No Odor
10:30	5	200	10.40	1.56	7.41	6.87	8.78	0.17	12.7	-70.3	Small Brown Particulates	No Odor
10:35	5	200	10.32	1.82	7.41	6.83	9.97	0.14	12.3	-80.4	Small Brown Particulates	No Odor
10:40	5	200	10.25	2.08	7.41	6.80	10.20	0.17	12.5	-87.5	Small Brown Particulates	No Odor
10:45	5	200	10.25	2.34	7.40	6.75	9.87	0.15	12.4	-89.6	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
1,4-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

None

Well Casing Volumes

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

Well Information

Well Location:	5 ft in front of sign	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-31			Date	2-8-20
Project Name/Location		Ford LTP		Weather	26 degrees F cloudy light snow		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.58	Total Depth (ft-bmp)	21.70	Water Column (ft.)	12.12	Gallons in Well	1.97
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.46				
Sample Time: Label	12:20	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Melissa Weaver
Purge Start	11:42						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:45	0	100	9.55	0.00	7.61	15.86	0.02	2.27	9.7	-53.4	Clear	No Odor
11:50	5	100	9.55	0.13	7.27	16.18	0.02	0.77	10.4	-59.3	Clear	No Odor
11:55	5	100	9.55	0.26	7.25	16.18	0.02	0.50	10.6	-61.2	Clear	No Odor
12:00	5	100	9.55	0.39	7.25	16.15	0.02	0.32	10.9	-62.4	Clear, Small White Particulates	No Odor
12:05	5	100	9.55	0.52	7.25	16.10	0.02	0.31	10.9	-63.3	Clear	No Odor
12:10	5	100	9.55	0.65	7.26	16.02	0.02	0.23	10.6	-63.9	Clear	No Odor
12:15	5	100	9.55	0.78	7.26	15.96	0.02	0.20	10.5	-64.5	Clear	No Odor
12:20	5	100	9.55	0.91	7.26	15.89	0.02	0.24	10.6	-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

1 missing tab. 2 stripped tabs.

Well Casing Volumes

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

Well Information

Well Location:	E road	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.	30042006.0401.02	Well ID	MW-32			Date	2-10-20
Project Name/Location		Ford LTP		Weather		34 degrees F 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)	8.83	Total Depth (ft-bmp)	22.84	Water Column (ft.)	14.01	Gallons in Well	2.28
		Pump Intake (ft-bmp)	20.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.68				
Sample Time: Label	12:20	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Melissa Weaver
Purge Start	11:18						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	100	8.87	0.00	7.66	3.95	145.00	10.29	9.7	35.5	Cloudy, Small Orange Particulates	No Odor
11:25	5	100	9.04	0.13	7.30	4.09	113.00	10.35	9.0	28.3	Cloudy, Small Orange Particulates	No Odor
11:30	5	100	9.05	0.26	7.29	4.09	87.90	0.85	9.3	22.9	Cloudy, Small Orange Particulates	No Odor
11:35	5	100	9.04	0.39	7.28	4.10	91.80	7.73	9.1	19.3	Cloudy, Small Orange Particulates	No Odor
11:40	5	100	9.04	0.52	7.26	4.12	81.60	3.80	9.2	14.8	Cloudy, Small Orange Particulates	No Odor
11:45	5	100	9.05	0.65	7.26	4.13	78.80	0.42	9.3	8.3	Cloudy, Small Orange Particulates	No Odor
11:50	5	100	9.05	0.78	7.27	4.14	76.40	3.10	9.5	3.4	Cloudy, Small Orange Particulates	No Odor
11:55	5	100	9.06	0.91	7.26	4.17	70.40	0.65	9.8	-2.6	Cloudy, Small Orange Particulates	No Odor
12:00	5	100	9.06	1.04	7.26	4.18	58.20	8.58	9.5	-8.4	Small Orange Particulates	No Odor
12:05	5	100	9.06	1.17	7.27	4.20	57.30	0.27	9.6	-14.6	Small Orange Particulates	Strong Odor
12:10	5	100	9.06	1.30	7.26	4.22	44.00	0.22	9.6	-20.2	Small Orange Particulates	No Odor
12:15	5	100	9.06	1.43	7.26	4.22	40.50	0.57	9.6	-25.3	Clear, Small Orange Particulates	No Odor
12:20	5	100	9.06	1.56	7.23	4.26	32.20	0.62	9.6	-26.4	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:	S grass	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-33			Date	2-7-20
Project Name/Location		Ford LTP		Weather		29 degrees F 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)	7.61	Total Depth (ft-bmp)	18.71	Water Column (ft.)	11.10	Gallons in Well	1.80
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.69				
Sample Time: Label	15:05	Volume Purged	1.24 gallons	Replicate/Code No.	--	Sampled by	Melissa Weaver
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:25	0	140	7.78	0.00	7.55	2.55	33.20	1.32	10.3	-65.8	Clear, Small Brown Particulates	No Odor
14:30	5	140	7.78	0.18	7.10	2.62	28.70	0.65	10.3	-69.4	Clear, Small Brown Particulates	No Odor
14:35	5	140	7.78	0.36	7.09	2.68	22.00	0.48	10.6	-67.7	Clear, Small Brown Particulates	No Odor
14:40	5	140	7.77	0.54	7.09	2.80	15.10	0.39	10.4	-64.9	Clear, Small Brown Particulates	No Odor
14:45	5	100	7.74	0.72	7.08	2.88	9.42	0.59	10.2	-65.5	Clear, Small Brown Particulates	No Odor
14:50	5	100	7.74	0.85	7.09	2.93	7.09	0.40	9.8	-63.3	Clear	No Odor
14:55	5	100	7.74	0.98	7.09	2.98	7.13	0.27	9.5	-62.5	Clear	No Odor
15:00	5	100	7.74	1.11	7.09	3.00	6.86	0.21	9.4	-61.6	Clear	No Odor
15:05	5	100	7.74	1.24	7.14	3.01	6.84	0.29	9.5	-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:	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.	30042006.0401.02	Well ID	MW-34			Date	2-8-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, Cloudy		
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)	8.82	Total Depth (ft-bmp)	21.30	Water Column (ft.)	12.48	Gallons in Well	2.03
		Pump Intake (ft-bmp)	19.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.77				
Sample Time: Label	13:27	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
Purge Start	12:25						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:25	0	100	9.32	0.00	7.29	9.31	2.07	3.46	7.2	64.7	Clear	No Odor
12:30	5	100	9.50	0.13	7.21	9.48	2.48	1.95	8.7	54.5	Clear	No Odor
12:35	5	100	9.58	0.26	7.21	9.54	0.02	1.64	8.9	36.3	Clear	No Odor
12:40	5	100	9.46	0.39	7.22	9.53	0.02	1.50	8.3	14.7	Clear	No Odor
12:45	5	100	9.48	0.52	7.22	9.50	0.02	1.32	8.4	0.4	Clear	No Odor
12:50	5	100	9.48	0.65	7.23	9.48	0.02	1.23	8.2	-9.1	Clear	No Odor
12:55	5	100	9.48	0.78	7.23	9.40	0.02	1.16	8.5	-17.1	Clear	No Odor
13:00	5	100	9.48	0.91	7.23	9.34	0.02	1.08	8.6	-24.6	Clear	No Odor
13:05	5	100	9.48	1.04	7.23	9.28	0.02	0.96	8.6	-29.7	Clear	No Odor
13:10	5	100	9.48	1.17	7.23	9.23	0.02	0.88	8.7	-35.0	Clear	No Odor
13:15	5	100	9.48	1.30	7.23	9.14	0.02	0.74	8.6	-40.0	Clear	No Odor
13:20	5	100	9.48	1.43	7.23	9.08	0.02	0.76	9.0	-44.4	Clear	No Odor
13:25	5	100	9.48	1.56	7.23	9.02	0.02	0.68	9.2	-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
1,4-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 None

Well Casing Volumes

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

Well Information

Well Location:	E road in front of 5E door	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.	30042006.0401.02	Well ID	MW-35			Date	2-8-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	7.50	Total Depth (ft-bmp)	24.29	Water Column (ft.)	16.79	Gallons in Well	2.73
		Pump Intake (ft-bmp)	22.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.57				
Sample Time: Label	14:41	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:35						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:40	0	100	8.05	0.00	7.70	2.90	15.20	1.23	10.4	97.9	Clear	No Odor
13:45	5	100	8.15	0.13	7.70	2.91	17.30	1.60	10.8	80.8	Clear	No Odor
13:50	5	100	8.23	0.26	7.70	2.88	16.20	1.07	11.1	59.7	Clear	Faint Odor
13:55	5	100	8.30	0.39	7.68	2.88	14.70	1.93	11.4	27.2	Clear	Faint Odor
14:00	5	100	8.32	0.52	7.68	2.88	14.60	1.38	11.5	19.3	Clear	Faint Odor
14:05	5	100	8.35	0.65	7.68	2.88	11.50	1.22	11.4	1.1	Clear	Faint Odor
14:10	5	100	8.35	0.78	7.68	2.88	9.59	1.27	11.5	-16.5	Clear	Faint Odor
14:15	5	100	8.40	0.91	7.68	2.87	8.91	1.33	11.6	-51.1	Clear	Faint Odor
14:20	5	100	8.40	1.04	7.68	2.87	8.26	1.06	11.6	-53.4	Clear	Faint Odor
14:25	5	100	8.40	1.17	7.68	2.86	8.28	0.97	11.7	-67.8	Clear	Faint Odor
14:30	5	100	8.40	1.30	7.68	2.87	9.55	0.89	11.8	-78.7	Clear	Faint Odor
14:35	5	100	8.40	1.43	7.67	2.86	8.55	0.67	11.8	-87.8	Clear	Faint Odor
14:40	5	100	8.40	1.56	7.68	2.86	7.26	0.80	11.6	-94.7	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:	MW-35	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.	30042006.0401.02	Well ID	MW-36			Date	2-7-20
Project Name/Location	Ford LTP			Weather	30.92 degrees F, Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	20-25	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.03	Total Depth (ft-bmp)	24.83	Water Column (ft.)	15.80	Gallons in Well	2.57
		Pump Intake (ft-bmp)	22.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.40				
Sample Time: Label	14:54	Volume Purged	1.04 gallons	Replicate/Code No.	MW-36_020720, MW-36-MS_020720, MW-36-MSD_020720	Sampled by	Kara Donahue
Purge Start	14:07						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:10	0	100	9.39	0.00	7.29	8.38	69.00	1.57	10.0	183.8	Clear, Small Brown Particulates	No Odor
14:15	5	100	9.43	0.13	7.29	8.35	21.50	1.10	10.0	84.7	Clear	No Odor
14:20	5	100	9.41	0.26	7.28	8.33	12.40	0.92	10.0	-15.6	Clear	No Odor
14:25	5	100	9.41	0.39	7.27	8.44	10.80	0.68	10.4	-58.8	Clear	No Odor
14:30	5	100	9.43	0.52	7.26	8.47	7.82	0.60	10.5	-68.9	Clear	No Odor
14:35	5	100	9.45	0.65	7.26	8.49	5.83	0.50	10.8	-78.1	Clear	No Odor
14:40	5	100	9.45	0.78	7.25	8.52	5.39	0.45	11.0	-81.2	Clear	No Odor
14:45	5	100	9.46	0.91	7.25	8.51	5.45	0.41	10.9	-84.9	Clear	No Odor
14:50	5	100	9.47	1.04	7.25	8.54	5.72	0.40	10.9	-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	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

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

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-37			Date	2-6-20
Project Name/Location	Ford LTP			Weather	24.98 degrees F, Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	18-23	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.11	Total Depth (ft-bmp)	22.69	Water Column (ft.)	15.58	Gallons in Well	2.53
		Pump Intake (ft-bmp)	20.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.51				
Sample Time: Label	11:20	Volume Purged	1.3 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	10:22						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:25	0	100	7.26	0.00	7.42	2.67	86.40	1.26	9.3	162.0	Clear	No Odor
10:30	5	100	7.25	0.13	7.45	2.67	66.00	0.61	9.4	0.3	Clear	No Odor
10:35	5	100	7.26	0.26	7.47	2.66	55.20	0.42	9.5	-48.8	Clear	No Odor
10:40	5	100	7.26	0.39	7.48	2.65	40.00	0.35	10.0	-57.0	Clear	No Odor
10:45	5	100	7.25	0.52	7.48	2.62	34.00	0.28	10.2	-58.2	Clear	No Odor
10:50	5	100	7.27	0.65	7.48	2.60	25.80	0.27	10.1	-58.8	Clear	No Odor
10:55	5	100	7.26	0.78	7.47	2.56	20.80	0.23	10.2	-62.2	Clear	No Odor
11:00	5	100	7.26	0.91	7.47	2.50	15.80	0.21	9.9	-66.8	Clear	No Odor
11:05	5	100	7.28	1.04	7.46	2.45	14.30	0.20	10.4	-72.7	Clear	No Odor
11:10	5	100	7.28	1.17	7.46	2.44	14.60	0.18	10.2	-75.0	Clear	No Odor
11:15	5	100	7.29	1.30	7.45	2.39	13.80	0.19	10.4	-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 Cover only has one screw. Missing two.

Well Casing Volumes

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

Well Information

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

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-38			Date	2-6-20
Project Name/Location		Ford LTP		Weather		28°F, 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)	7.58	Total Depth (ft-bmp)	19.51	Water Column (ft.)	11.93	Gallons in Well	1.94
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.40				
Sample Time: Label	12:55	Volume Purged	0.78 gallons	Replicate/Code No.	MW-38-MS_020620 and MW-38-MSD_020620	Sampled by	Kara Donahue
Purge Start	12:14						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	100	7.79	0.00	7.51	2.58	9.60	0.66	9.4	-130.3	Clear	No Odor
12:25	5	100	7.82	0.13	7.53	2.59	4.22	0.33	9.6	-145.7	Clear	No Odor
12:30	5	100	7.81	0.26	7.53	2.59	5.30	0.26	9.8	-148.7	Clear	No Odor
12:35	5	100	7.80	0.39	7.53	2.59	5.25	0.32	9.8	-141.6	Clear	No Odor
12:40	5	100	7.83	0.52	7.52	2.57	3.51	0.31	10.1	-137.0	Clear	No Odor
12:45	5	100	7.84	0.65	7.51	2.59	2.84	0.33	10.2	-133.3	Clear	No Odor
12:50	5	100	7.83	0.78	7.51	2.58	2.02	0.30	10.1	-130.6	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:	Ford LTP	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-39			Date	2-10-20
Project Name/Location		Ford LTP		Weather		34 degrees F 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)	10.43	Total Depth (ft-bmp)	24.18	Water Column (ft.)	13.75	Gallons in Well	2.23
		Pump Intake (ft-bmp)	22.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.69				
Sample Time: Label	10:31	Volume Purged	1.53 gallons	Replicate/Code No.	--	Sampled by	Melissa Weaver
Purge Start	9:34						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:36	0	140	10.43	0.00	7.23	5.83	43.50	5.16	8.8	205.2	Clear, Small Brown Particulates	No Odor
9:41	5	140	10.44	0.18	7.20	6.49	40.00	0.79	9.7	131.8	Clear, Small Brown Particulates	No Odor
9:46	5	100	10.44	0.36	7.25	6.33	12.40	1.05	9.5	117.0	Clear, Small Brown Particulates	No Odor
9:51	5	100	10.44	0.49	7.33	5.30	1.60	1.84	9.5	92.9	Clear, Small Brown Particulates	No Odor
9:56	5	100	10.44	0.62	7.35	4.69	0.02	1.92	10.0	72.4	Clear, Small Brown Particulates	No Odor
10:01	5	100	10.44	0.75	7.35	4.45	0.02	1.60	9.8	65.1	Clear, Small Brown Particulates	No Odor
10:06	5	100	10.44	0.88	7.35	4.37	0.02	1.42	9.8	57.7	Clear, Small Brown Particulates	No Odor
10:11	5	100	10.44	1.01	7.35	4.31	0.02	1.40	9.8	50.7	Clear, Small Brown Particulates	No Odor
10:16	5	100	10.44	1.14	7.34	4.28	0.02	1.15	9.8	45.1	Clear, Small Brown Particulates	No Odor
10:21	5	100	10.44	1.27	7.34	4.21	0.02	1.00	10.0	40.0	Clear, Small Brown Particulates	No Odor
10:26	5	100	10.44	1.40	7.34	4.19	0.02	0.99	10.0	35.5	Small Brown Particulates, Small White	No Odor
10:31	5	100	10.44	1.53	7.34	4.17	0.02	0.98	9.9	31.3	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:	S grass	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-40			Date	2-8-20
Project Name/Location		Ford LTP		Weather	26 degrees F cloudy 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)	9.25	Total Depth (ft-bmp)	19.52	Water Column (ft.)	10.27	Gallons in Well	1.67
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.47				
Sample Time: Label	10:50	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Melissa Weaver
Purge Start	10:16						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	100	9.26	0.00	7.23	19.53	3.20	1.08	11.1	-1.4	Clear	No Odor
10:25	5	100	9.32	0.13	7.23	19.40	0.74	1.07	10.7	-42.3	Clear	No Odor
10:30	5	100	9.32	0.26	7.25	18.97	0.25	0.53	10.8	-53.7	Clear	No Odor
10:35	5	100	9.32	0.39	7.24	18.38	0.02	0.70	10.9	-53.5	Clear	No Odor
10:40	5	100	9.32	0.52	7.25	18.16	0.02	0.44	11.2	-52.8	Clear	No Odor
10:45	5	100	9.32	0.65	7.25	18.23	0.02	0.43	11.1	-52.7	Clear	No Odor
10:50	5	100	9.32	0.78	7.25	18.33	0.02	0.42	11.0	-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:	E road	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-41			Date	2-8-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	8.78	Total Depth (ft-bmp)	20.95	Water Column (ft.)	12.17	Gallons in Well	1.98
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.05				
Sample Time: Label	13:05	Volume Purged	2.08 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:25	0	200	8.90	0.00	7.40	9.39	39.50	1.24	8.9	46.2	Small Orange Particulates	No Odor
12:30	5	200	8.95	0.26	7.44	9.39	33.20	0.79	10.5	28.3	Small Orange Particulates	No Odor
12:35	5	200	8.95	0.52	7.45	9.44	34.40	0.58	10.9	-8.2	Small Orange Particulates	No Odor
12:40	5	200	8.95	0.78	7.45	9.46	39.10	0.29	10.9	-43.8	Small Orange Particulates	No Odor
12:45	5	200	8.95	1.04	7.44	9.47	30.60	0.21	11.0	-57.7	Small Orange Particulates	No Odor
12:50	5	200	8.95	1.30	7.44	9.51	28.40	0.21	11.0	-69.7	Small Orange Particulates	No Odor
12:55	5	200	8.95	1.56	7.44	9.56	24.10	0.16	11.0	-77.6	Small Orange Particulates	No Odor
13:00	5	200	8.95	1.82	7.43	9.61	23.40	0.12	11.3	-82.8	Small Orange Particulates	No Odor
13:05	5	200	8.95	2.08	7.43	9.63	22.80	0.15	11.3	-85.6	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
1,4-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 None

Well Casing Volumes

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

Well Information

Well Location:	10 ft from corner of building	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-42			Date	2-8-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	8.27	Total Depth (ft-bmp)	20.46	Water Column (ft.)	12.19	Gallons in Well	1.98
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.79				
Sample Time: Label	12:20	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Julia McClafferty
Purge Start	11:20						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	100	8.52	0.00	7.05	8.79	24.50	0.62	11.5	-118.6	Clear, Small Orange Particulates	No Odor
11:25	5	100	8.43	0.13	7.03	8.82	36.70	0.46	11.7	-118.1	Clear, Small Orange Particulates	No Odor
11:30	5	100	8.43	0.26	7.03	8.79	33.50	0.26	12.1	-119.2	Clear, Small Orange Particulates	No Odor
11:35	5	100	8.44	0.39	7.02	8.87	36.20	0.25	12.0	-118.7	Clear, Small Orange Particulates	No Odor
11:40	5	100	8.44	0.52	7.02	9.01	17.80	0.27	12.2	-119.6	Clear, Small Orange Particulates	No Odor
11:45	5	100	8.44	0.65	7.02	9.06	14.10	0.15	12.3	-119.2	Clear, Small Orange Particulates	No Odor
11:50	5	100	8.45	0.78	7.01	9.18	7.18	0.35	12.3	-118.6	Clear, Small Orange Particulates	No Odor
11:55	5	100	8.44	0.91	7.01	9.23	6.61	0.14	12.5	-118.5	Clear, Small Orange Particulates	No Odor
12:00	5	100	8.43	1.04	7.01	9.34	8.62	0.09	12.4	-118.4	Clear, Small Orange Particulates	No Odor
12:05	5	100	8.42	1.17	7.01	9.34	7.48	0.05	12.6	-118.7	Clear	No Odor
12:10	5	100	8.41	1.30	7.01	9.37	4.93	0.08	12.0	-117.6	Clear	No Odor
12:15	5	100	8.40	1.43	7.02	9.26	4.18	0.09	12.1	-117.5	Clear	No Odor
12:20	5	100	8.40	1.56	7.02	9.24	4.60	0.06	12.2	-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
1,4-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 None

Well Casing Volumes

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

Well Information

Well Location:	Across from parking lot D	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-43			Date	2-8-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	7.23	Total Depth (ft-bmp)	21.53	Water Column (ft.)	14.30	Gallons in Well	2.32
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.03				
Sample Time: Label	11:13	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Rachel Bielak
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:13	0	150	7.43	0.00	7.02	7.99	119.00	0.55	11.1	168.0	Brown	No Odor
10:18	5	150	7.43	0.20	7.12	8.22	97.10	0.39	11.4	147.0	Yellow	No Odor
10:23	5	150	7.43	0.40	7.16	8.07	78.00	0.26	11.3	117.8	Small Orange Particulates, Yellow	No Odor
10:28	5	150	7.41	0.60	7.21	8.10	67.60	0.26	11.4	99.2	Clear, Small Orange Particulates	No Odor
10:33	5	150	7.42	0.80	7.24	8.02	57.80	0.23	11.2	75.8	Clear, Small Orange Particulates	No Odor
10:38	5	150	7.42	1.00	7.25	7.98	47.50	0.21	11.5	59.5	Clear, Small Orange Particulates	No Odor
10:43	5	150	7.42	1.20	7.26	7.95	46.70	0.21	11.4	43.2	Clear, Small Orange Particulates	No Odor
10:48	5	150	7.42	1.40	7.27	8.00	38.70	0.21	11.4	28.1	Clear, Small Orange Particulates	No Odor
10:53	5	150	7.42	1.60	7.28	7.99	33.70	0.21	11.3	10.5	Clear, Small Orange Particulates	No Odor
10:58	5	150	7.42	1.80	7.28	8.00	31.50	0.21	11.2	-7.3	Clear, Small Orange Particulates	No Odor
11:03	5	150	7.41	2.00	7.28	8.00	32.70	0.17	11.5	-13.4	Clear, Small Orange Particulates	No Odor
11:08	5	150	7.41	2.20	7.29	7.97	29.20	0.16	11.4	-25.7	Clear, Small Orange Particulates	No Odor
11:13	5	150	7.41	2.40	7.31	8.07	25.90	0.14	11.0	-34.2	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
1,4-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 None

Well Casing Volumes

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

Well Information

Well Location:	Along east fence	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-44			Date	2-6-20
Project Name/Location		Ford LTP		Weather	26.06 degrees F, 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)	8.00	Total Depth (ft-bmp)	20.72	Water Column (ft.)	12.72	Gallons in Well	2.07
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.50				
Sample Time: Label	11:51	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	100	8.09	0.00	9.47	1.21	5.23	8.12	8.2	63.6	Clear	No Odor
11:15	5	100	8.10	0.13	9.47	1.20	4.46	8.08	8.6	78.1	Clear	No Odor
11:20	5	100	8.10	0.26	7.48	6.86	2.87	1.22	9.5	82.3	Clear	No Odor
11:25	5	100	8.10	0.39	7.46	6.96	3.02	0.65	9.5	86.7	Clear	No Odor
11:30	5	100	8.10	0.52	7.44	7.18	1.78	0.35	9.9	95.0	Clear	No Odor
11:35	5	100	8.10	0.65	7.44	7.21	1.21	0.49	10.0	97.1	Clear	No Odor
11:40	5	100	8.12	0.78	7.45	7.24	1.01	0.29	10.1	104.0	Clear	No Odor
11:45	5	100	8.12	0.91	7.45	7.25	1.31	0.28	10.1	108.2	Clear	No Odor
11:50	5	100	8.12	1.04	7.45	7.27	0.64	0.26	10.1	112.6	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 No bolts to secure cover

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*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-44	Well Locked at Arrival:	no
Condition of Well:	Fair	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-45			Date	2-12-20
Project Name/Location		Ford LTP		Weather	26.96 degrees F, Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	11.34	Total Depth (ft-bmp)	19.69	Water Column (ft.)	8.35	Gallons in Well	1.36
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.15				
Sample Time: Label	11:48	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	10:43						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:45	0	100	11.34	0.00	7.19	10.00	45.60	0.49	11.9	10.8	Clear, Small Brown Particulates	No Odor
10:50	5	100	11.35	0.13	7.18	10.26	40.00	0.36	12.3	-9.3	Clear, Small Brown Particulates	No Odor
10:55	5	100	11.34	0.26	7.18	10.26	33.90	0.28	12.4	-28.4	Clear, Small Brown Particulates	No Odor
11:00	5	100	11.34	0.39	7.18	10.11	27.70	0.26	12.1	-37.1	Clear, Small Brown Particulates	No Odor
11:05	5	100	11.34	0.52	7.19	9.77	22.10	0.21	12.2	-47.6	Clear, Small Brown Particulates	No Odor
11:10	5	100	11.34	0.65	7.19	9.40	17.80	0.20	12.1	-55.2	Clear, Small Brown Particulates	No Odor
11:15	5	100	11.34	0.78	7.20	8.98	15.70	0.21	12.4	-61.8	Clear, Small Brown Particulates	No Odor
11:20	5	100	11.34	0.91	7.20	8.66	12.00	0.18	12.1	-65.9	Clear, Small Brown Particulates	No Odor
11:25	5	100	11.34	1.04	7.20	8.40	11.40	0.18	12.2	-69.9	Clear, Small Brown Particulates	No Odor
11:30	5	100	11.34	1.17	7.21	8.12	8.77	0.17	12.4	-73.7	Clear	No Odor
11:35	5	100	11.34	1.30	7.21	7.82	7.89	0.13	12.4	-77.0	Clear	No Odor
11:40	5	100	11.34	1.43	7.21	7.64	5.92	0.13	12.5	-80.1	Clear	No Odor
11:45	5	100	11.34	1.56	7.22	7.43	4.56	0.14	12.3	-83.1	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:	Ford LTP	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.	30042006.0401.02	Well ID	MW-46			Date	2-12-20
Project Name/Location	Ford LTP			Weather	30.92 degrees F, 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)	10.98	Total Depth (ft-bmp)	19.70	Water Column (ft.)	8.72	Gallons in Well	1.42
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.01				
Sample Time: Label	13:32	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	12:26						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:30	0	100	11.44	0.00	7.83	129.50	61.70	3.16	12.7	167.1	Clear, Small Brown Particulates	No Odor
12:35	5	100	11.48	0.13	7.65	108.50	59.20	2.58	12.5	161.8	Clear, Small Brown Particulates	No Odor
12:40	5	100	11.49	0.26	7.54	91.50	44.60	1.90	12.4	155.4	Clear, Small Brown Particulates	No Odor
12:45	5	100	11.49	0.39	7.51	83.90	34.10	1.58	12.5	151.1	Clear, Small Brown Particulates	No Odor
12:50	5	100	11.49	0.52	7.48	76.80	21.20	1.27	12.5	145.0	Clear, Small Brown Particulates	No Odor
12:55	5	100	11.49	0.65	7.45	72.00	19.50	1.14	12.5	138.6	Clear, Small Brown Particulates	No Odor
13:00	5	100	11.49	0.78	7.43	68.10	13.40	0.99	12.6	130.1	Clear, Small Brown Particulates	No Odor
13:05	5	100	11.48	0.91	7.41	64.84	11.00	0.91	12.6	119.5	Clear, Small Brown Particulates	No Odor
13:10	5	100	11.48	1.04	7.41	64.04	8.70	0.89	12.3	110.7	Clear	No Odor
13:15	5	100	11.47	1.17	7.38	59.91	7.36	0.72	12.6	98.9	Clear	No Odor
13:20	5	100	11.47	1.30	7.37	58.48	6.50	0.68	12.5	84.4	Clear	No Odor
13:25	5	10	11.46	1.43	7.37	57.84	6.09	0.67	12.1	72.6	Clear	No Odor
13:30	5	100	11.49	1.44	7.35	65.15	5.31	0.55	12.7	60.0	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:	Ford LTP	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.	30042006.0401.02	Well ID	MW-47			Date	2-7-20
Project Name/Location		Ford LTP		Weather		30 degrees F, 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)	10.29	Total Depth (ft-bmp)	19.92	Water Column (ft.)	9.63	Gallons in Well	1.56
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.15				
Sample Time: Label	13:30	Volume Purged	1.8 gallons	Replicate/Code No.	--	Sampled by	Melissa Weaver
Purge Start	12:41						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:45	0	150	10.43	0.00	7.19	10.37	24.70	0.85	12.9	16.8	Clear, Small Brown Particulates	No Odor
12:50	5	150	10.44	0.20	7.13	10.53	15.90	4.77	12.9	10.2	Clear, Small Brown Particulates	No Odor
12:55	5	150	10.44	0.40	7.11	10.71	11.50	8.14	13.2	33.4	Clear, Small Brown Particulates	No Odor
13:00	5	150	10.44	0.60	7.10	10.78	4.99	7.10	13.2	-23.0	Clear, Small Brown Particulates	No Odor
13:05	5	150	10.44	0.80	7.09	10.98	3.54	6.41	12.9	-35.3	Clear, Small Brown Particulates	No Odor
13:10	5	150	10.44	1.00	7.09	11.09	3.65	6.10	13.2	-110.1	Clear	No Odor
13:15	5	150	10.45	1.20	7.09	11.23	2.55	5.76	13.2	-60.1	Clear	No Odor
13:20	5	150	10.44	1.40	7.09	11.29	3.38	5.51	13.3	-36.3	Clear	No Odor
13:25	5	150	10.44	1.60	7.08	11.38	0.02	5.55	13.2	-27.9	Clear	No Odor
13:30	5	150	10.44	1.80	7.08	11.48	0.02	5.22	13.3	-28.3	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	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.	30042006.0401.02	Well ID	MW-48			Date	2-11-20
Project Name/Location		Ford LTP		Weather	39.02 degrees F, Partly 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)	20.30	Water Column (ft.)	11.60	Gallons in Well	1.88
		Pump Intake (ft-bmp)	19.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.55				
Sample Time: Label	14:43	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	13:54						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:00	0	100	10.14	0.00	7.50	49.07	2.39	2.96	10.5	223.5	Clear, Small White Particulates	No Odor
14:05	5	100	10.18	0.13	7.51	49.41	2.02	2.28	10.7	219.3	Clear, Small Brown Particulates	No Odor
14:10	5	100	10.19	0.26	7.55	49.82	4.32	1.74	10.7	215.5	Clear, Small Brown Particulates	No Odor
14:15	5	100	10.18	0.39	7.58	50.22	3.53	1.18	10.9	210.3	Clear, Small Brown Particulates	No Odor
14:20	5	100	10.18	0.52	7.60	50.59	2.37	0.84	11.1	203.4	Clear, Small Brown Particulates	No Odor
14:25	5	100	10.18	0.65	7.62	50.90	0.42	0.68	11.1	198.3	Clear, Small Brown Particulates	No Odor
14:30	5	100	10.19	0.78	7.64	51.29	1.92	0.45	11.2	199.0	Clear, Small Brown Particulates	No Odor
14:35	5	100	10.17	0.91	7.65	51.54	1.89	0.42	11.2	199.7	Clear, Small Brown Particulates	No Odor
14:40	5	100	10.16	1.04	7.67	51.92	2.26	0.35	11.3	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:	Ford	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-49			Date	2-13-20
Project Name/Location		Ford LTP		Weather	32.00 degrees F, Light Snow and Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12.5-17.5	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.49	Total Depth (ft-bmp)	17.17	Water Column (ft.)	10.68	Gallons in Well	1.74
		Pump Intake (ft-bmp)	15.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.90				
Sample Time: Label	12:23	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	11:17						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	100	6.65	0.00	7.17	28.28	145.00	7.04	11.4	78.4	Small Brown Particulates	No Odor
11:25	5	100	6.65	0.13	7.14	27.42	71.20	5.32	10.9	-7.5	Clear, Small Brown Particulates	No Odor
11:30	5	100	6.66	0.26	7.14	25.10	40.00	4.82	10.9	-37.4	Clear, Small Brown Particulates	No Odor
11:35	5	100	6.65	0.39	7.14	22.80	37.70	4.78	10.9	-52.7	Clear, Small Brown Particulates	No Odor
11:40	5	100	6.67	0.52	7.15	21.16	32.40	4.76	10.9	-58.0	Clear, Small Brown Particulates	No Odor
11:45	5	100	6.67	0.65	7.14	19.59	20.90	4.70	10.9	-61.1	Clear, Small Brown Particulates	No Odor
11:50	5	100	6.67	0.78	7.14	18.27	13.90	4.53	11.1	-63.6	Clear, Small Brown Particulates	No Odor
11:55	5	100	6.67	0.91	7.14	17.28	11.60	4.42	11.2	-65.7	Clear, Small Brown Particulates	No Odor
12:00	5	100	6.67	1.04	7.14	16.77	10.40	4.48	10.5	-66.1	Clear	No Odor
12:05	5	100	6.66	1.17	7.14	16.03	11.50	4.22	10.7	-67.2	Clear	No Odor
12:10	5	100	6.66	1.30	7.14	15.51	7.94	4.07	10.7	-68.1	Clear	No Odor
12:15	5	100	6.66	1.43	7.13	15.20	6.45	4.03	10.9	-69.3	Clear	No Odor
12:20	5	100	6.66	1.56	7.14	14.85	6.35	4.05	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:	Ford LTP	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.	30042006.0401.02	Well ID	MW-50			Date	2-11-20
Project Name/Location	Ford LTP			Weather	30.02 degrees F, 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)	7.51	Total Depth (ft-bmp)	18.78	Water Column (ft.)	11.27	Gallons in Well	1.83
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.85				
Sample Time: Label	11:37	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	10:30						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:35	0	100	7.69	0.00	6.91	119.30	62.70	3.63	11.5	128.4	Clear, Small Brown Particulates	No Odor
10:40	5	100	7.70	0.13	6.87	105.70	51.20	3.43	11.5	115.8	Clear, Small Brown Particulates	No Odor
10:45	5	100	7.70	0.26	6.87	97.70	42.70	3.21	11.6	111.0	Clear, Small Brown Particulates	No Odor
10:50	5	100	7.70	0.39	6.87	89.60	40.00	2.92	11.6	102.5	Clear, Small Brown Particulates	No Odor
10:55	5	100	7.69	0.52	6.87	82.40	28.40	2.73	11.7	91.4	Clear, Small Brown Particulates	No Odor
11:00	5	100	7.70	0.65	6.88	77.60	22.50	2.45	11.9	83.4	Clear, Small Brown Particulates	No Odor
11:05	5	100	7.69	0.78	6.88	73.80	17.60	2.42	11.9	77.0	Clear, Small Brown Particulates	No Odor
11:10	5	100	7.69	0.91	6.89	72.00	16.80	2.24	11.9	73.1	Clear, Small Brown Particulates	No Odor
11:15	5	100	7.69	1.04	6.90	70.20	12.90	2.19	12.0	68.8	Clear, Small Brown Particulates	No Odor
11:20	5	100	7.69	1.17	6.90	68.80	13.90	2.36	12.0	65.2	Small Brown Particulates, Small White	No Odor
11:25	5	100	7.69	1.30	6.90	67.60	12.60	2.38	12.0	62.8	Clear, Small Brown Particulates	No Odor
11:30	5	100	7.68	1.43	6.91	66.70	9.24	2.09	12.0	59.9	Clear, Small Brown Particulates	No Odor
11:35	5	100	7.68	1.56	6.91	66.09	5.21	2.00	12.0	58.8	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:	Ford LTP	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-51			Date	2-4-20
Project Name/Location		Ford LTP		Weather	35.06 degrees F, 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)	6.73	Total Depth (ft-bmp)	18.88	Water Column (ft.)	12.15	Gallons in Well	1.97
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.79				
Sample Time: Label	14:46	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:40						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:45	0	100	6.78	0.00	7.69	1.29	4.95	2.90	7.1	86.4	Clear	No Odor
13:50	5	100	6.78	0.13	7.67	1.28	3.62	2.55	7.3	76.0	Clear	No Odor
13:55	5	100	6.79	0.26	7.67	1.27	2.93	2.33	7.1	66.7	Clear	No Odor
14:00	5	100	6.79	0.39	7.68	1.27	3.04	2.19	7.1	61.0	Clear	No Odor
14:05	5	100	6.79	0.52	7.68	1.25	2.37	2.08	7.1	50.8	Clear	No Odor
14:10	5	100	6.79	0.65	7.68	1.24	1.91	1.86	7.1	41.3	Clear	No Odor
14:15	5	100	6.80	0.78	7.68	1.21	1.65	1.80	7.3	29.2	Clear	No Odor
14:20	5	100	6.80	0.91	7.67	1.20	1.51	1.86	7.2	21.4	Clear	No Odor
14:25	5	100	6.80	1.04	7.68	1.17	1.16	1.56	7.3	7.8	Clear	No Odor
14:30	5	100	6.80	1.17	7.65	1.16	0.99	1.15	7.1	0.1	Clear	No Odor
14:35	5	100	6.80	1.30	7.65	1.14	0.84	1.06	7.3	-5.4	Clear	No Odor
14:40	5	100	6.80	1.43	7.66	1.13	0.97	0.99	7.3	-11.7	Clear	No Odor
14:45	5	100	6.80	1.56	7.66	1.13	0.75	0.93	7.3	-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	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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-51	Well Locked at Arrival:	n/a
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.	30042006.0401.02	Well ID	MW-52			Date	2-8-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	7.11	Total Depth (ft-bmp)	19.44	Water Column (ft.)	12.33	Gallons in Well	2.00
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.23				
Sample Time: Label	12:50	Volume Purged	2.46 gallons	Replicate/Code No.	DUP-02	Sampled by	Rachel Bielak
Purge Start	11:50						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:50	0	200	7.22	0.00	7.42	5.60	58.60	0.66	11.2	-19.7	Clear, Small Orange Particulates	No Odor
11:55	5	150	7.18	0.26	7.28	5.63	52.20	0.47	11.4	-21.9	Clear, Small Orange Particulates	No Odor
12:00	5	150	7.18	0.46	7.29	5.74	42.80	0.34	11.6	-24.5	Clear, Small Orange Particulates	No Odor
12:05	5	150	7.18	0.66	7.28	5.88	38.00	0.29	11.8	-26.1	Clear, Small Orange Particulates	No Odor
12:10	5	150	7.19	0.86	7.28	5.93	31.50	0.44	11.6	-29.2	Clear, Small Orange Particulates	No Odor
12:15	5	150	7.19	1.06	7.29	6.00	27.50	0.40	11.7	-32.3	Clear, Small Orange Particulates	No Odor
12:20	5	150	7.19	1.26	7.29	6.01	21.50	0.39	12.0	-35.6	Clear, Small Orange Particulates	No Odor
12:25	5	150	7.20	1.46	7.29	6.07	17.00	0.31	12.0	-39.4	Clear, Small Orange Particulates	No Odor
12:30	5	150	7.20	1.66	7.29	6.08	12.00	0.28	12.1	-42.7	Clear, Small Orange Particulates	No Odor
12:35	5	150	7.20	1.86	7.29	6.10	10.60	0.19	12.1	-46.6	Clear, Small Orange Particulates	No Odor
12:40	5	150	7.20	2.06	7.29	6.11	7.64	0.17	12.2	-49.6	Clear, Small Orange Particulates	No Odor
12:45	5	150	7.21	2.26	7.29	6.12	6.97	0.15	12.1	-52.8	Clear	No Odor
12:50	5	150	7.21	2.46	7.29	6.11	5.33	0.17	12.3	-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
1,4-dioxane	40 mL Glass	6	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	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:	Along east fence	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-53			Date	2-12-20
Project Name/Location	Ford LTP			Weather	31 degrees F, partly 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)	6.55	Total Depth (ft-bmp)	20.62	Water Column (ft.)	14.07	Gallons in Well	2.29
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.37				
Sample Time: Label	14:13	Volume Purged	0.84 gallons	Replicate/Code No.	--	Sampled by	Melissa Weaver
Purge Start	13:35						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:36	0	100	7.56	0.00	8.20	3.56	12.50	6.93	8.6	24.0	Clear, Small Black Particulates	No Odor
13:41	5	100	6.77	0.13	7.60	4.09	9.38	1.09	9.3	1.2	Clear, Small Brown Particulates	No Odor
13:46	5	100	6.79	0.26	7.55	3.96	11.40	2.38	9.6	-7.6	Clear, Small Brown Particulates	No Odor
13:53	7	100	6.80	0.44	7.54	3.80	5.93	0.37	9.8	-11.8	Clear, Small Brown Particulates	No Odor
13:58	5	100	6.81	0.57	7.54	3.68	5.57	0.26	9.8	-14.6	Clear	No Odor
14:03	5	100	6.81	0.70	7.52	3.62	4.03	0.32	9.9	-16.2	Clear, Small Brown Particulates	No Odor
14:08	5	10	6.81	0.83	7.52	3.54	1.27	0.33	9.7	-17.4	Clear	No Odor
14:13	5	100	6.81	0.84	7.51	3.57	2.44	0.31	9.8	-17.3	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:	NE Corner	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-54			Date	2-12-20
Project Name/Location		Ford LTP		Weather	31 degrees F, partly 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)	6.83	Total Depth (ft-bmp)	20.85	Water Column (ft.)	14.02	Gallons in Well	2.28
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.29				
Sample Time: Label	11:00	Volume Purged	0.66 gallons	Replicate/Code No.	--	Sampled by	Melissa Weaver
Purge Start	10:28						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	10	6.88	0.00	8.06	9.20	7.84	4.92	8.3	-52.8	Clear	No Odor
10:35	5	100	6.89	0.01	7.47	10.06	9.99	3.91	8.7	-78.9	Clear	No Odor
10:40	5	100	6.90	0.14	7.42	10.08	9.64	4.28	9.0	-84.2	Clear, Small White Particulates	No Odor
10:45	5	100	6.88	0.27	7.42	10.03	6.02	3.30	9.0	-86.6	Clear, Small Orange Particulates,	No Odor
10:50	5	100	6.86	0.40	7.42	10.03	3.84	3.60	8.9	-88.1	Clear	No Odor
10:55	5	100	6.86	0.53	7.42	9.99	2.95	3.80	8.8	-87.6	Clear	No Odor
11:00	5	100	6.86	0.66	7.42	10.01	3.69	3.58	8.9	-88.5	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:	NE Corner	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-54S			Date	2-12-20
Project Name/Location	Ford LTP			Weather	31 degrees F, partly 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)	5.05	Total Depth (ft-bmp)	9.28	Water Column (ft.)	4.23	Gallons in Well	0.69
		Pump Intake (ft-bmp)	6.55	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.70				
Sample Time: Label	12:38	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Melissa Weaver
Purge Start	11:51						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:53	0	100	5.17	0.00	9.25	0.31	4.01	11.80	4.7	-30.7	Clear	No Odor
11:58	5	100	5.25	0.13	8.71	0.27	3.61	9.60	5.4	-11.5	Clear	No Odor
12:03	5	100	5.32	0.26	8.50	0.26	1.82	9.40	5.5	-5.8	Clear	No Odor
12:08	5	100	5.40	0.39	8.33	0.27	0.02	9.01	5.3	2.2	Clear	No Odor
12:13	5	100	5.45	0.52	8.21	0.27	0.02	9.18	5.4	9.1	Clear	No Odor
12:18	5	100	5.54	0.65	8.14	0.27	0.02	9.32	5.7	13.1	Clear	No Odor
12:23	5	100	5.61	0.78	8.14	0.28	0.02	9.33	5.4	15.2	Clear	No Odor
12:28	5	100	5.68	0.91	8.09	0.28	0.02	9.23	5.7	19.4	Clear	No Odor
12:33	5	100	5.74	1.04	8.11	0.29	0.02	9.28	5.8	20.7	Clear	No Odor
12:38	5	100	5.82	1.17	8.10	0.29	0.02	9.27	5.7	23.2	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:	NE Corner	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-55			Date	2-11-20
Project Name/Location	Ford LTP			Weather	37 degrees F, 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)	7.32	Total Depth (ft-bmp)	19.73	Water Column (ft.)	12.41	Gallons in Well	2.02
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.77				
Sample Time: Label	12:31	Volume Purged	1.56 gallons	Replicate/Code No.	MW-55-MS_021120/MW-55-MSD_021120	Sampled by	Melissa Weaver
Purge Start	11:30						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:31	0	100	7.37	0.00	8.15	7.90	97.00	2.67	9.9	8.3	Cloudy, Small Orange Particulates	No Odor
11:36	5	100	7.36	0.13	7.57	7.95	43.50	1.13	11.2	-27.8	Cloudy, Small Orange Particulates	No Odor
11:41	5	100	7.36	0.26	7.40	8.21	35.60	1.52	11.2	-34.7	Cloudy, Small Orange Particulates	No Odor
11:46	5	100	7.36	0.39	7.42	8.49	33.50	0.63	11.0	-33.1	Cloudy, Small Orange Particulates	No Odor
11:51	5	100	7.36	0.52	7.42	8.70	29.00	0.90	11.3	-37.1	Cloudy, Small Orange Particulates	No Odor
11:56	5	100	7.36	0.65	7.43	8.86	23.50	0.85	11.4	-41.2	Small Orange Particulates	No Odor
12:01	5	100	7.36	0.78	7.45	9.11	14.80	0.51	11.7	-46.2	Cloudy, Small Orange Particulates	No Odor
12:06	5	100	7.36	0.91	7.45	9.14	14.10	5.13	12.1	-45.5	Clear, Small Orange Particulates	No Odor
12:11	5	100	7.36	1.04	7.47	9.31	12.40	5.39	11.2	-44.0	Clear, Small Orange Particulates	No Odor
12:16	5	100	7.35	1.17	7.48	9.38	13.00	4.64	11.7	-34.7	Clear, Small Orange Particulates	No Odor
12:21	5	100	7.35	1.30	7.48	9.47	9.13	7.56	11.6	-39.3	Clear	No Odor
12:26	5	100	7.35	1.43	7.49	9.47	8.07	7.20	11.6	-44.2	Clear, Small Orange Particulates	No Odor
12:31	5	100	7.35	1.56	7.43	9.63	6.47	7.70	11.6	-46.4	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	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:	North road	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-55D			Date	2-12-20
Project Name/Location	Ford LTP			Weather	27 degrees F, partly cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	19-24	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.47	Total Depth (ft-bmp)	23.45	Water Column (ft.)	15.98	Gallons in Well	2.60
		Pump Intake (ft-bmp)	21.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.40				
Sample Time: Label	9:33	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Melissa Weaver
Purge Start	8:51						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:53	0	100	7.63	0.00	7.44	6.35	0.02	3.60	7.6	47.3	Clear	No Odor
8:58	5	100	7.65	0.13	7.33	6.18	0.02	2.29	9.9	-27.8	Clear	No Odor
9:03	5	100	7.65	0.26	7.35	6.18	0.02	0.80	10.0	-48.6	Clear	No Odor
9:08	5	100	7.67	0.39	7.36	6.15	0.02	0.75	10.4	-61.8	Clear	No Odor
9:13	5	100	7.68	0.52	7.37	6.16	0.02	0.46	10.8	-68.8	Clear	No Odor
9:18	5	100	7.67	0.65	7.37	6.17	0.02	0.92	10.7	-74.2	Clear	No Odor
9:23	5	100	7.68	0.78	7.37	6.17	0.02	0.46	10.9	-77.8	Clear	No Odor
9:28	5	100	7.68	0.91	7.38	6.17	0.02	0.46	10.9	-81.5	Clear	No Odor
9:33	5	100	7.68	1.04	7.38	6.18	0.02	0.42	10.8	-84.0	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:	North road	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-56			Date	2-11-20
Project Name/Location		Ford LTP		Weather	39 degrees F, 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)	6.80	Total Depth (ft-bmp)	20.35	Water Column (ft.)	13.55	Gallons in Well	2.20
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.65				
Sample Time: Label	14:55	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Melissa Weaver
Purge Start	13:48						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:55	0	100	6.89	0.00	7.51	20.32	7.51	2.37	9.7	41.3	Clear, Small Orange Particulates	No Odor
14:00	5	100	6.88	0.13	7.23	21.84	4.51	1.93	10.2	-16.5	Clear, Small Orange Particulates	No Odor
14:05	5	100	6.88	0.26	7.22	22.12	1.76	1.51	10.1	-39.6	Clear, Small Orange Particulates	No Odor
14:10	5	100	6.89	0.39	7.22	21.95	0.61	1.23	10.0	-38.5	Clear	No Odor
14:15	5	10	6.90	0.52	7.22	21.81	1.10	1.23	10.0	-35.9	Clear	No Odor
14:20	5	100	6.90	0.53	7.23	21.59	0.02	1.40	10.0	-52.3	Clear	No Odor
14:25	5	100	6.90	0.66	7.23	21.50	0.02	2.76	9.9	-63.0	Clear	No Odor
14:30	5	100	6.91	0.79	7.23	21.55	0.02	2.83	10.0	-69.8	Clear	No Odor
14:35	5	100	6.91	0.92	7.24	21.49	0.02	2.68	10.1	-75.5	Clear	No Odor
14:40	5	100	6.92	1.05	7.23	21.70	0.02	5.53	10.1	-76.9	Clear	No Odor
14:45	5	100	6.92	1.18	7.24	21.73	0.02	6.50	10.1	-74.5	Clear	No Odor
14:50	5	100	6.92	1.31	7.24	21.60	0.02	6.90	10.1	-78.9	Clear	No Odor
14:55	5	100	6.93	1.44	7.24	21.99	0.02	7.40	9.9	-74.5	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:	North road	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-57			Date	2-12-20
Project Name/Location	Ford LTP			Weather	35 degrees F, partly 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)	6.24	Total Depth (ft-bmp)	21.71	Water Column (ft.)	15.47	Gallons in Well	2.51
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.62				
Sample Time: Label	16:06	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Melissa Weaver
Purge Start	15:04						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:06	0	100	6.56	0.00	11.69	4.49	30.60	5.05	9.4	-31.7	Cloudy	No Odor
15:11	5	100	6.60	0.13	11.71	5.32	21.30	4.40	9.7	-41.4	Clear, Small White Particulates	No Odor
15:16	5	100	6.64	0.26	11.55	6.02	9.32	3.60	10.4	-45.3	Clear, Small White Particulates	No Odor
15:21	5	100	6.64	0.39	11.48	6.37	7.99	2.55	10.5	-46.7	Clear, Small White Particulates	No Odor
15:26	5	100	6.63	0.52	11.35	6.67	2.60	2.19	10.6	-46.6	Clear, Small White Particulates	No Odor
15:31	5	100	6.64	0.65	11.23	6.94	2.28	2.01	10.5	-46.3	Clear	No Odor
15:36	5	100	6.66	0.78	11.12	7.12	0.02	1.82	10.6	-46.2	Clear, Small White Particulates	No Odor
15:41	5	100	6.67	0.91	11.00	7.32	0.02	1.59	10.8	-46.2	Clear, Small White Particulates	No Odor
15:46	5	100	6.65	1.04	10.79	7.54	0.02	1.36	10.8	-45.0	Clear, Small White Particulates	No Odor
15:51	5	100	6.65	1.17	10.59	7.69	0.02	1.16	11.0	-43.7	Clear, Small White Particulates	No Odor
15:56	5	100	6.65	1.30	10.41	7.80	0.02	1.02	11.2	-42.5	Clear, Small White Particulates	No Odor
16:01	5	100	6.65	1.43	10.25	7.89	0.02	0.85	11.1	-41.1	Clear, Small White Particulates	No Odor
16:06	5	100	6.65	1.56	10.11	7.94	0.02	1.28	10.9	-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 One tab has broken off

Well Casing Volumes

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

Well Information

Well Location:	NW Corner	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.	30042006.0401.02	Well ID	MW-58			Date	2-11-20
Project Name/Location		Ford LTP		Weather		29 degrees F, 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)	4.29	Total Depth (ft-bmp)	19.64	Water Column (ft.)	15.35	Gallons in Well	2.49
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.47				
Sample Time: Label	10:10	Volume Purged	1.18 gallons	Replicate/Code No.	--	Sampled by	Melissa Weaver
Purge Start	9:19						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:20	0	100	4.29	0.00	6.82	9.45	10.30	6.88	11.1	94.9	Clear, Small Orange Particulates	No Odor
9:25	5	100	4.31	0.13	7.01	9.42	7.43	3.48	10.9	41.4	Clear, Small Orange Particulates	No Odor
9:30	5	100	4.31	0.26	7.09	8.12	3.91	2.97	10.9	22.0	Clear, Small Orange Particulates	No Odor
9:35	5	10	4.31	0.39	7.11	7.57	2.57	3.15	10.8	7.7	Clear, Small Orange Particulates	No Odor
9:40	5	100	4.31	0.40	7.12	7.68	0.36	4.88	10.7	-4.6	Clear, Small Orange Particulates	No Odor
9:45	5	100	4.31	0.53	7.12	7.81	0.90	7.27	10.8	-14.1	Clear, Small Orange Particulates	No Odor
9:50	5	100	4.31	0.66	7.12	7.99	0.20	7.52	11.2	-22.5	Clear, Small Orange Particulates	No Odor
9:55	5	100	4.30	0.79	7.13	3.17	0.02	6.88	11.3	-30.0	Clear, Small Orange Particulates	No Odor
10:00	5	100	4.30	0.92	7.13	8.30	0.02	7.95	11.1	-34.7	Clear, Small Orange Particulates	No Odor
10:05	5	100	4.30	1.05	7.13	8.42	0.02	7.90	10.8	-39.0	Clear, Small Orange Particulates	No Odor
10:10	5	100	4.30	1.18	7.13	8.45	0.02	7.40	11.0	-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 Cover chipped.

Well Casing Volumes

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

Well Information

Well Location:	North parking lot	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.	30042006.0401.02	Well ID	MW-62			Date	2-11-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	8.29	Total Depth (ft-bmp)	21.13	Water Column (ft.)	12.84	Gallons in Well	2.09
		Pump Intake (ft-bmp)	18.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.38				
Sample Time: Label	9:28	Volume Purged	0.8 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	8:41						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:45	0	100	8.33	0.00	7.12	8.32	71.40	6.70	12.3	-79.2	Cloudy, Small Orange Particulates	No Odor
8:50	5	100	8.32	0.01	7.14	8.34	16.30	6.13	12.8	-101.2	Clear, Small Black Particulates,	No Odor
8:55	5	100	8.34	0.14	7.14	8.43	12.50	5.98	13.1	-107.3	Clear, Small Orange Particulates	No Odor
9:00	5	100	8.33	0.27	7.14	8.54	6.85	5.63	13.1	-110.1	Clear, Small Orange Particulates	No Odor
9:05	5	100	8.33	0.40	7.13	8.65	6.04	5.32	13.4	-111.2	Clear, Small Orange Particulates	No Odor
9:10	5	10	8.33	0.53	7.12	8.80	14.70	5.01	13.6	-113.8	Clear, Small Orange Particulates	No Odor
9:15	5	100	8.33	0.54	7.12	8.88	3.29	4.70	13.4	-114.8	Clear, Small Orange Particulates	No Odor
9:20	5	100	8.33	0.67	7.12	8.97	3.84	4.49	13.5	-115.6	Clear, Small Orange Particulates	No Odor
9:25	5	100	8.34	0.80	7.11	9.11	2.47	4.26	13.6	-116.6	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:	Ford LTP	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-63			Date	2-11-20
Project Name/Location	Ford LTP			Weather	35.06 degrees F, Mostly 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)	7.92	Total Depth (ft-bmp)	11.81	Water Column (ft.)	3.89	Gallons in Well	0.63
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.44				
Sample Time: Label	12:57	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	12:17						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	100	7.94	0.00	7.54	4.93	7.20	1.28	9.6	122.6	Clear, Small Brown Particulates	No Odor
12:25	5	100	7.94	0.13	7.50	4.73	3.03	1.11	8.2	113.9	Clear, Small Brown Particulates	No Odor
12:30	5	100	7.93	0.26	7.48	4.66	1.94	0.57	9.2	111.6	Clear, Small Brown Particulates	No Odor
12:35	5	100	7.94	0.39	7.47	4.64	0.02	0.39	9.5	108.8	Clear, Small Brown Particulates	No Odor
12:40	5	100	7.94	0.52	7.46	4.66	0.02	0.34	9.4	107.3	Clear, Small Brown Particulates	No Odor
12:45	5	100	7.95	0.65	7.46	4.64	0.02	0.32	9.6	106.0	Clear, Small Brown Particulates	No Odor
12:50	5	100	7.95	0.78	7.46	4.64	0.02	0.25	9.8	105.0	Clear, Small Brown Particulates	No Odor
12:55	5	100	7.95	0.91	7.45	4.63	0.02	0.23	9.7	103.9	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	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments None

Well Casing Volumes

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

Well Information

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

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-64			Date	2-3-20
Project Name/Location	Ford LTP			Weather	39.92 degrees F, Mostly 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)	9.00	Total Depth (ft-bmp)	20.01	Water Column (ft.)	11.01	Gallons in Well	1.79
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.73				
Sample Time: Label	12:16	Volume Purged	1.3 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:20						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:25	0	100	9.06	0.00	7.13	7.00	6.41	1.18	12.8	326.8	Clear	No Odor
11:30	5	100	9.07	0.13	7.14	7.00	4.51	0.65	12.7	319.6	Clear	No Odor
11:35	5	100	9.07	0.26	7.16	6.94	4.01	0.61	12.9	311.7	Clear	No Odor
11:40	5	100	9.08	0.39	7.16	6.82	3.03	0.48	12.5	307.7	Clear	No Odor
11:45	5	100	9.08	0.52	7.16	6.71	1.47	0.46	12.6	301.1	Clear	No Odor
11:50	5	100	9.08	0.65	7.16	6.65	1.28	0.25	12.6	300.3	Clear	No Odor
11:55	5	100	9.08	0.78	7.17	6.57	0.64	0.23	12.7	297.3	Clear	No Odor
12:00	5	100	9.08	0.91	7.17	6.53	1.01	0.23	12.9	294.6	Clear	No Odor
12:05	5	100	9.08	1.04	7.17	6.47	0.85	0.21	12.7	292.1	Clear	No Odor
12:10	5	100	9.09	1.17	7.18	6.44	0.65	0.23	12.7	290.6	Clear	No Odor
12:15	5	100	9.09	1.30	7.18	6.39	0.41	0.20	12.7	288.7	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:	MW-64	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-65			Date	2-4-20
Project Name/Location	Ford LTP			Weather	35.96 degrees F, 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)	8.90	Total Depth (ft-bmp)	21.09	Water Column (ft.)	12.19	Gallons in Well	1.98
		Pump Intake (ft-bmp)	18.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.79				
Sample Time: Label	16:36	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	15:30						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:35	0	100	8.93	0.00	7.43	3.75	166.00	0.42	10.1	21.3	Cloudy, Orange	No Odor
15:40	5	100	8.93	0.13	7.42	3.81	83.80	0.50	10.1	-9.2	Cloudy, Orange	Faint Odor
15:45	5	100	8.93	0.26	7.41	3.85	56.30	0.32	10.1	-37.5	Cloudy, Orange	Faint Odor
15:50	5	100	8.93	0.39	7.41	3.86	44.20	0.39	10.2	-55.3	Clear, Orange	Faint Odor
15:55	5	100	8.94	0.52	7.42	3.84	40.00	0.29	10.2	-64.4	Clear, Orange	Faint Odor
16:00	5	100	8.93	0.65	7.42	3.81	33.80	5.11	10.1	-67.6	Clear, Orange	Faint Odor
16:05	5	100	8.94	0.78	7.42	3.79	27.80	5.40	10.3	-72.4	Clear	Faint Odor
16:10	5	100	8.95	0.91	7.42	3.76	22.70	5.27	10.1	-75.8	Clear	Faint Odor
16:15	5	100	8.95	1.04	7.42	3.73	20.90	5.05	10.3	-77.6	Clear, Orange	Faint Odor
16:20	5	100	8.95	1.17	7.42	3.69	36.10	4.70	10.3	-79.8	Clear, Orange	Faint Odor
16:25	5	100	8.95	1.30	7.43	3.67	19.80	5.20	10.3	-81.3	Clear, Orange	Faint Odor
16:30	5	100	8.95	1.43	7.43	3.64	17.30	4.27	10.2	-83.9	Clear, Orange	Faint Odor
16:35	5	100	8.95	1.56	7.43	3.61	17.00	4.46	10.1	-84.9	Clear, Orange	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:	MW-65	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.	30042006.0401.02	Well ID	MW-66			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	7.25	Total Depth (ft-bmp)	19.00	Water Column (ft.)	11.75	Gallons in Well	1.91
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.82				
Sample Time: Label	14:40	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:34						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:39	0	100	7.34	0.00	7.57	5.54	11.30	0.77	9.4	96.3	Clear	No Odor
13:44	5	100	7.34	0.13	7.56	5.51	9.32	1.04	9.5	65.0	Clear	No Odor
13:49	5	100	7.34	0.26	7.56	5.48	8.90	0.36	9.6	37.2	Clear	No Odor
13:54	5	100	7.34	0.39	7.56	5.48	8.05	0.34	9.7	15.6	Clear	No Odor
13:59	5	100	7.34	0.52	7.55	5.47	7.28	0.33	9.7	-5.0	Clear	No Odor
14:04	5	100	7.35	0.65	7.55	5.46	7.65	0.28	10.0	-28.2	Clear	No Odor
14:09	5	100	7.35	0.78	7.54	5.46	6.84	0.26	9.7	-44.0	Clear	No Odor
14:14	5	100	7.35	0.91	7.54	5.46	6.31	0.22	9.8	-59.6	Clear	No Odor
14:19	5	100	7.35	1.04	7.53	5.44	6.18	0.21	9.8	-69.3	Clear	No Odor
14:24	5	100	7.35	1.17	7.53	5.44	5.54	0.44	10.2	-79.4	Clear	No Odor
14:29	5	100	7.35	1.30	7.53	5.44	5.19	0.43	10.2	-86.8	Clear	No Odor
14:34	5	100	7.35	1.43	7.52	5.43	4.68	0.45	10.2	-92.2	Clear	No Odor
14:39	5	100	7.35	1.56	7.52	5.44	4.81	0.38	10.1	-96.7	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:	MW-66	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.	30042006.0401.02	Well ID	MW-67			Date	2-13-20
Project Name/Location	Ford LTP			Weather	30.02 degrees F, Light Snow and Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.74	Total Depth (ft-bmp)	14.00	Water Column (ft.)	4.26	Gallons in Well	0.69
		Pump Intake (ft-bmp)	11.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.51				
Sample Time: Label	12:38	Volume Purged	1.04 gallons	Replicate/Code No.	DUP-15	Sampled by	Melissa Weaver
Purge Start	11:56						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:58	0	100	9.74	0.00	8.20	4.38	16.50	0.96	7.5	-50.7	Clear, Small Orange Particulates	No Odor
12:03	5	100	9.74	0.13	7.42	4.45	5.72	0.42	7.8	-46.8	Clear, Small Orange Particulates,	No Odor
12:08	5	100	9.74	0.26	7.35	4.45	0.92	6.18	7.9	-43.5	Clear, Small Orange Particulates	No Odor
12:13	5	100	9.73	0.39	7.30	4.58	0.02	7.22	8.3	-40.5	Small Orange Particulates	No Odor
12:18	5	100	9.73	0.52	7.29	4.66	0.02	7.74	8.2	-37.9	Clear, Small Orange Particulates	No Odor
12:23	5	100	9.73	0.65	7.29	4.62	0.02	7.70	7.7	-36.1	Clear, Small Orange Particulates	No Odor
12:28	5	100	9.73	0.78	7.27	4.66	0.02	2.36	8.8	-33.7	Clear, Small Orange Particulates	No Odor
12:33	5	100	9.73	0.91	7.28	4.68	0.02	2.51	8.7	-32.5	Clear, Small Orange Particulates	No Odor
12:38	5	100	9.74	1.04	7.27	4.70	0.02	2.43	8.6	-30.7	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	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:	W ATNPC	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-68			Date	2-12-20
Project Name/Location	Ford LTP			Weather	33.08 degrees F, 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)	9.61	Total Depth (ft-bmp)	19.81	Water Column (ft.)	10.20	Gallons in Well	1.66
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.47				
Sample Time: Label	15:13	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	14:38						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:40	0	100	9.64	0.00	6.96	24.47	6.81	0.85	10.6	188.0	Clear, Small Brown Particulates	No Odor
14:45	5	100	9.64	0.13	6.94	22.69	7.10	0.43	11.9	183.8	Clear, Small Brown Particulates	No Odor
14:50	5	100	9.63	0.26	6.94	22.83	6.14	0.35	12.0	180.8	Clear, Small Brown Particulates	No Odor
14:55	5	100	9.64	0.39	6.94	23.22	5.22	0.50	11.3	178.6	Clear, Small Brown Particulates	No Odor
15:00	5	100	9.64	0.52	6.94	22.64	4.29	0.37	12.3	176.0	Clear, Small Brown Particulates	No Odor
15:05	5	100	9.64	0.65	6.93	22.79	3.28	0.29	12.4	173.7	Clear	No Odor
15:10	5	100	9.64	0.78	6.93	22.79	4.09	0.29	12.4	171.7	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:	Ford LTP	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-69			Date	2-3-20
Project Name/Location	Ford LTP			Weather	42.98 degrees F, Mostly 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)	9.34	Total Depth (ft-bmp)	19.91	Water Column (ft.)	10.57	Gallons in Well	1.72
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.91				
Sample Time: Label	13:20	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	12:10						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:15	0	100	9.51	0.00	7.03	12.63	196.00	0.41	13.0	-39.7	Cloudy	No Odor
12:20	5	100	9.44	0.13	7.05	12.73	133.00	0.31	13.2	-70.6	Cloudy	No Odor
12:25	5	100	9.50	0.26	7.05	12.80	83.60	0.21	13.2	-78.8	Clear	No Odor
12:30	5	100	9.54	0.39	7.06	12.86	66.60	1.18	13.2	-84.2	Clear	No Odor
12:35	5	100	9.50	0.52	7.06	12.88	43.10	1.04	13.2	-87.5	Clear	No Odor
12:40	5	100	9.52	0.65	7.07	12.85	35.00	0.93	13.2	-89.5	Clear	No Odor
12:45	5	100	9.47	0.78	7.07	12.76	22.00	0.92	13.1	-91.2	Clear	No Odor
12:50	5	100	9.45	0.91	7.08	12.63	22.20	0.68	12.7	-91.9	Clear	No Odor
12:55	5	100	9.42	1.04	7.08	12.49	18.90	0.67	12.8	-92.5	Clear	No Odor
13:00	5	100	9.45	1.17	7.09	12.37	17.10	0.58	12.9	-93.1	Clear	No Odor
13:05	5	100	9.43	1.30	7.09	12.31	14.60	0.49	12.9	-93.7	Clear	No Odor
13:10	5	100	9.45	1.43	7.09	12.23	15.10	0.40	12.8	-94.3	Clear	No Odor
13:15	5	100	9.43	1.56	7.09	12.17	11.60	0.34	12.9	-94.9	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 up around outside the 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:	Ford LTP	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-70			Date	2-7-20
Project Name/Location		Ford LTP		Weather		30 degrees F, 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)	11.52	Total Depth (ft-bmp)	20.10	Water Column (ft.)	8.58	Gallons in Well	1.39
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.94				
Sample Time: Label	11:33	Volume Purged	1.3 gallons	Replicate/Code No.	DUP-14	Sampled by	Melissa Weaver
Purge Start	10:40						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:43	0	100	11.55	0.00	7.08	4.86	42.70	10.06	10.9	-6.8	Clear, Small Brown Particulates	No Odor
10:48	5	100	11.56	0.13	7.04	5.07	21.20	8.93	12.1	-47.6	Clear, Small Brown Particulates	No Odor
10:53	5	100	11.57	0.26	7.06	5.26	17.60	8.42	12.2	-56.2	Clear, Small Brown Particulates	No Odor
10:58	5	100	11.57	0.39	7.05	5.45	14.60	8.20	12.3	-58.6	Clear, Small Brown Particulates	No Odor
11:03	5	100	11.58	0.52	7.05	5.58	12.70	8.65	12.5	-58.8	Clear, Small Brown Particulates	No Odor
11:08	5	100	11.58	0.65	7.04	5.67	9.92	1.15	12.6	-54.3	Clear, Small Brown Particulates	No Odor
11:13	5	100	11.58	0.78	7.04	5.78	8.75	0.77	12.7	-56.6	Clear	No Odor
11:18	5	100	11.58	0.91	7.03	5.94	7.35	0.58	12.7	-59.9	Clear	No Odor
11:23	5	100	11.58	1.04	7.03	6.04	4.72	0.48	12.1	-58.9	Clear	No Odor
11:28	5	100	11.58	1.17	7.02	6.16	5.07	0.44	12.2	-58.9	Clear	No Odor
11:33	5	100	11.58	1.30	7.01	6.22	5.08	0.40	12.2	-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	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:	Ford LTP	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.	30042006.0401.02	Well ID	MW-71			Date	2-12-20
Project Name/Location	Ford LTP			Weather	24.98 degrees F, Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	12.70	Total Depth (ft-bmp)	20.05	Water Column (ft.)	7.35	Gallons in Well	1.19
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.76				
Sample Time: Label	10:03	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	9:20						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:25	0	100	12.86	0.00	6.83	38.34	6.34	2.93	12.3	-51.4	Clear, Small Brown Particulates	No Odor
9:30	5	100	12.86	0.13	6.86	38.36	8.29	2.22	11.5	-70.7	Clear, Small Brown Particulates	No Odor
9:35	5	100	12.87	0.26	6.88	38.35	7.64	1.80	11.8	-78.7	Clear, Small Brown Particulates	No Odor
9:40	5	100	12.88	0.39	6.89	38.24	3.97	2.11	12.0	-82.3	Clear, Small Brown Particulates	No Odor
9:45	5	100	12.88	0.52	6.90	37.90	4.05	2.36	11.8	-84.7	Clear	No Odor
9:50	5	100	12.88	0.65	6.90	37.42	4.48	2.27	12.3	-86.3	Clear	No Odor
9:55	5	100	12.90	0.78	6.90	37.47	1.55	2.24	12.5	-87.0	Clear	No Odor
10:00	5	100	12.89	0.91	6.90	37.54	1.94	2.15	12.6	-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 None

Well Casing Volumes

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

Well Information

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

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-113			Date	2-18-20
Project Name/Location		Ford LTP		Weather	39.92 degrees F, Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.15	Total Depth (ft-bmp)	9.56	Water Column (ft.)	5.41	Gallons in Well	0.88
		Pump Intake (ft-bmp)	7.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.43				
Sample Time: Label	11:57	Volume Purged	1.26 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
Purge Start	11:20						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:20	0	150	4.17	0.00	7.62	3.61	24.20	0.84	6.6	41.2	Small Brown Particulates	No Odor
11:25	5	150	4.17	0.20	7.56	3.46	25.70	0.24	7.1	29.3	Small Brown Particulates	No Odor
11:30	5	150	4.17	0.40	7.57	3.43	12.10	0.23	7.2	18.2	Clear	No Odor
11:35	5	150	4.17	0.60	7.58	3.41	5.55	0.26	7.1	6.4	Clear	No Odor
11:40	5	150	4.17	0.73	7.58	3.34	2.91	0.28	7.2	-0.1	Clear	No Odor
11:45	5	100	4.17	0.93	7.58	3.26	0.45	0.27	7.4	-8.1	Clear	No Odor
11:50	5	150	4.17	1.06	7.58	3.24	0.88	0.28	7.4	-13.4	Clear	No Odor
11:55	5	150	4.17	1.26	7.58	3.23	0.86	0.31	7.3	-15.3	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
1,4-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 None

Well Casing Volumes

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

Well Information

Well Location:	Near response point 11	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-114			Date	2-18-20
Project Name/Location		Ford LTP		Weather	37.94 degrees F, Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.28	Total Depth (ft-bmp)	9.44	Water Column (ft.)	4.16	Gallons in Well	0.68
		Pump Intake (ft-bmp)	7.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.15				
Sample Time: Label	10:27	Volume Purged	0.78 gallons	Replicate/Code No.	MW-114_MS_021820 MW-114_MSD_021820	Sampled by	Heather Woodrum
Purge Start	9:55						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:55	0	100	5.30	0.00	7.15	1.56	13.10	9.93	7.6	-25.2	Clear	No Odor
10:00	5	100	5.30	0.13	7.23	1.42	29.40	9.35	7.4	-61.9	Small Brown Particulates	No Odor
10:05	5	100	5.30	0.26	7.29	1.40	8.77	8.89	7.7	-70.9	Small Brown Particulates	No Odor
10:10	5	100	5.30	0.39	7.31	1.41	1.52	9.03	7.9	-73.0	Small Brown Particulates	No Odor
10:15	5	100	5.30	0.52	7.33	1.39	0.02	8.50	7.7	-77.5	Clear	No Odor
10:20	5	100	5.30	0.65	7.34	1.39	0.02	8.33	7.7	-79.3	Clear	No Odor
10:25	5	100	5.30	0.78	7.35	1.39	0.02	8.06	7.8	-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
1,4-dioxane	40 mL Glass	9	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	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:	Across from stop sign between emergency point 13 and 12	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-120			Date	2-8-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	5.37	Total Depth (ft-bmp)	11.75	Water Column (ft.)	6.38	Gallons in Well	1.04
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.76				
Sample Time: Label	14:53	Volume Purged	1.83 gallons	Replicate/Code No.	--	Sampled by	Rachel Bielak
Purge Start	14:08						
Purge End	15:01						

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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:08	0	150	5.39	0.00	8.00	0.81	29.60	3.08	7.2	-23.0	Clear, Small Black Particulates,	No Odor
14:13	5	150	5.40	0.20	7.35	0.82	20.30	1.92	8.0	-25.4	Clear, Small Black Particulates,	No Odor
14:18	5	150	5.39	0.40	7.25	0.83	16.20	1.75	7.9	-28.0	Clear, Small Black Particulates	No Odor
14:23	5	150	5.39	0.60	7.22	0.82	10.20	1.62	8.1	-26.8	Clear, Small Black Particulates	No Odor
14:28	5	150	5.39	0.80	7.23	0.82	7.49	1.69	8.1	-25.5	Clear, Small Black Particulates	No Odor
14:33	5	150	5.39	1.00	7.23	0.80	6.21	1.60	8.2	-24.2	Clear, Small Black Particulates	No Odor
14:38	5	150	5.40	1.20	7.24	0.80	5.87	1.56	8.2	-23.5	Clear, Small Black Particulates	No Odor
14:43	5	150	5.40	1.43	7.24	0.79	3.62	1.57	8.1	-22.1	Clear, Small Black Particulates	No Odor
14:48	5	150	5.39	1.63	7.23	0.78	3.51	1.44	8.3	-21.3	Clear	No Odor
14:53	5	150	5.39	1.83	7.23	0.78	3.44	1.44	8.2	-19.4	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
1,4-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 None

Well Casing Volumes

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

Well Information

Well Location:	Inside gate along north fence	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-122			Date	2-13-20
Project Name/Location	Ford LTP			Weather	30.02 degrees F, Light Snow and Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	16-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.06	Total Depth (ft-bmp)	20.19	Water Column (ft.)	12.13	Gallons in Well	1.97
		Pump Intake (ft-bmp)	18.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.79				
Sample Time: Label	10:31	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Melissa Weaver
Purge Start	9:28						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:31	0	100	8.10	0.00	7.51	4.69	24.30	2.95	10.3	95.2	Clear, Small Red Particulates	No Odor
9:36	5	100	8.09	0.13	7.33	4.96	15.30	0.55	10.6	24.3	Clear, Small Red Particulates	No Odor
9:41	5	100	8.09	0.26	7.37	4.99	11.80	0.61	10.2	-11.5	Clear, Small Red Particulates	No Odor
9:46	5	100	8.09	0.39	7.41	0.50	9.06	5.90	10.5	-30.0	Clear, Small Red Particulates	No Odor
9:51	5	100	8.10	0.52	7.42	5.22	5.94	0.50	10.2	-43.9	Clear, Small Red Particulates	No Odor
9:56	5	100	9.10	0.65	7.43	5.31	4.83	0.45	10.4	-53.5	Clear, Small Red Particulates	No Odor
10:01	5	100	9.10	0.78	7.44	5.43	2.34	0.51	10.2	-60.3	Clear, Small Red Particulates	No Odor
10:06	5	100	8.10	0.91	7.44	5.48	3.26	0.30	10.5	-65.4	Clear, Small Red Particulates	No Odor
10:11	5	100	8.10	1.04	7.45	5.59	0.02	0.31	10.3	-69.2	Clear, Small Red Particulates	No Odor
10:16	5	100	8.10	1.17	7.44	5.68	0.02	0.34	10.4	-71.7	Clear, Small Red Particulates	No Odor
10:21	5	100	8.10	1.30	7.46	5.78	0.02	0.30	9.7	-73.7	Clear	No Odor
10:26	5	100	8.10	1.43	7.46	5.83	0.02	0.33	9.7	-75.1	Clear, Small Red Particulates	No Odor
10:31	5	100	8.10	1.56	7.46	5.89	0.02	0.29	10.0	-76.9	Clear, Small Red 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:	NE Corner	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-124			Date	2-20-20
Project Name/Location	Ford LTP			Weather	19.04 degrees F, Partly 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)	1.32	Total Depth (ft-bmp)	9.58	Water Column (ft.)	8.26	Gallons in Well	1.34
		Pump Intake (ft-bmp)	7.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.58				
Sample Time: Label	10:24	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
Purge Start	9:50						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:50	0	100	1.32	0.00	7.10	1.51	37.90	0.89	6.2	131.2	Small Orange Particulates	No Odor
9:55	5	100	1.32	0.13	6.94	1.24	5.76	2.73	5.0	-2.2	Small Orange Particulates	No Odor
10:00	5	100	1.32	0.26	6.99	1.18	9.27	2.57	4.9	-13.2	Small Orange Particulates	No Odor
10:05	5	100	1.32	0.39	7.01	1.14	4.23	2.34	5.0	-21.2	Small Orange Particulates	No Odor
10:10	5	100	1.32	0.52	7.04	1.14	6.82	2.22	5.2	-27.5	Small Orange Particulates	No Odor
10:15	5	100	1.32	0.65	7.06	1.12	6.62	2.20	5.1	-30.3	Clear	No Odor
10:20	5	100	1.32	0.78	7.08	1.11	6.59	2.14	5.2	-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
1,4-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 None

Well Casing Volumes

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

Well Information

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

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-194			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	2.24	Total Depth (ft-bmp)	16.15	Water Column (ft.)	13.91	Gallons in Well	2.26
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.69				
Sample Time: Label	10:26	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:20						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:25	0	100	2.33	0.00	7.30	1.87	36.60	0.93	9.4	216.9	Cloudy	No Odor
9:30	5	100	2.35	0.13	7.42	1.77	34.30	0.78	9.6	211.9	Cloudy	No Odor
9:35	5	100	2.35	0.26	7.45	1.75	31.20	0.46	9.8	200.6	Cloudy	No Odor
9:40	5	100	2.35	0.39	7.46	1.75	29.10	0.42	9.7	193.3	Cloudy	No Odor
9:45	5	100	2.35	0.52	7.46	1.75	25.30	0.40	9.8	181.4	Cloudy	No Odor
9:50	5	100	2.35	0.65	7.46	1.75	19.80	0.39	9.9	169.5	Clear	No Odor
9:55	5	100	2.35	0.78	7.48	1.75	17.70	0.39	9.9	158.5	Clear	No Odor
10:00	5	100	2.35	0.91	7.47	1.75	15.80	0.74	9.8	148.9	Clear	No Odor
10:05	5	100	2.35	1.04	7.47	1.75	15.10	0.29	10.0	136.0	Clear	No Odor
10:10	5	100	2.35	1.17	7.47	1.74	11.40	0.27	10.0	131.2	Clear	No Odor
10:15	5	100	2.35	1.30	7.46	1.74	10.30	0.26	9.8	124.2	Clear	No Odor
10:20	5	100	2.35	1.43	7.47	1.74	10.60	0.27	10.0	115.9	Clear	No Odor
10:25	5	100	2.35	1.56	7.47	1.74	10.90	0.25	10.1	109.6	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-194	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.	30042006.0401.02	Well ID	MW-194S			Date	2-10-20
Project Name/Location	Ford LTP			Weather	30.92 degrees F, 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)	2.42	Total Depth (ft-bmp)	6.53	Water Column (ft.)	4.11	Gallons in Well	0.67
		Pump Intake (ft-bmp)	3.92	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.16				
Sample Time: Label	11:21	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:45						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	100	2.43	0.00	7.65	4.03	4.97	10.25	6.4	166.4	Clear	No Odor
10:55	5	100	2.43	0.13	7.63	4.01	3.55	10.13	6.6	165.0	Clear	No Odor
11:00	5	100	2.43	0.26	7.62	3.98	2.64	9.88	6.9	162.2	Clear	No Odor
11:05	5	100	2.43	0.39	7.63	3.96	2.22	9.61	6.9	160.9	Clear	No Odor
11:10	5	100	2.43	0.52	7.63	3.94	1.71	9.42	6.8	159.7	Clear	No Odor
11:15	5	100	2.43	0.65	7.62	3.91	1.75	9.25	6.7	158.4	Clear	No Odor
11:20	5	100	2.43	0.78	7.63	3.89	1.51	9.10	6.8	157.9	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:	MW-194S	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.	30042006.0401.02	Well ID	MW-195S			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	1.84	Total Depth (ft-bmp)	6.20	Water Column (ft.)	4.36	Gallons in Well	0.71
		Pump Intake (ft-bmp)	3.34	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.10				
Sample Time: Label	12:36	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:00						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:05	0	100	1.85	0.00	7.56	5.79	2.98	0.85	7.0	192.5	Clear	No Odor
12:10	5	100	1.85	0.13	7.41	5.86	2.27	0.71	7.4	190.1	Clear	No Odor
12:15	5	100	1.87	0.26	7.36	5.93	1.58	0.68	7.6	184.2	Clear	No Odor
12:20	5	100	1.87	0.39	7.36	5.91	1.90	0.46	7.8	181.0	Clear	No Odor
12:25	5	100	1.87	0.52	7.36	5.89	1.88	0.38	8.0	178.2	Clear	No Odor
12:30	5	100	1.87	0.65	7.36	5.87	1.54	0.32	8.0	175.6	Clear	No Odor
12:35	5	100	1.87	0.78	7.36	5.84	1.39	0.29	7.9	174.1	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:	MW-195S	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.	30042006.0401.02	Well ID	MW-196			Date	2-11-20
Project Name/Location		Ford LTP		Weather	32.00 degrees F, Mostly 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)	1.95	Total Depth (ft-bmp)	17.14	Water Column (ft.)	15.19	Gallons in Well	2.47
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.32				
Sample Time: Label	11:36	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:00						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	100	1.97	0.00	7.38	2.64	7.87	0.50	10.0	183.7	Clear, Small White Particulates	No Odor
11:10	5	100	1.97	0.13	7.38	2.64	6.73	0.45	10.1	181.7	Clear, Small White Particulates	No Odor
11:15	5	100	1.97	0.26	7.38	2.63	4.77	0.38	10.4	177.6	Clear	No Odor
11:20	5	100	1.97	0.39	7.37	2.63	3.61	0.35	10.4	174.2	Clear	No Odor
11:25	5	100	1.97	0.52	7.37	2.63	3.25	0.30	10.6	171.2	Clear	No Odor
11:30	5	100	1.97	0.65	7.36	2.62	2.88	0.28	10.6	168.2	Clear	No Odor
11:35	5	100	1.97	0.78	7.36	2.63	2.72	0.27	10.7	165.6	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-196	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.	30042006.0401.02	Well ID	MW-196S			Date	2-11-20
Project Name/Location		Ford LTP		Weather	30.02 degrees F, 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)	2.19	Total Depth (ft-bmp)	6.55	Water Column (ft.)	4.36	Gallons in Well	0.71
		Pump Intake (ft-bmp)	3.69	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.20				
Sample Time: Label	10:41	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:35						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:40	0	100	2.25	0.00	7.74	2.88	23.60	0.55	6.3	250.1	Cloudy	No Odor
9:45	5	100	2.25	0.13	7.68	3.02	22.70	0.48	6.3	247.8	Cloudy	No Odor
9:50	5	100	2.25	0.26	7.48	3.26	16.00	0.36	6.5	240.1	Cloudy	No Odor
9:55	5	100	2.25	0.39	7.42	3.35	12.30	0.33	6.7	233.8	Clear, Small White Particulates	No Odor
10:00	5	100	2.25	0.52	7.41	3.37	10.60	0.28	6.8	227.5	Clear, Small White Particulates	No Odor
10:05	5	100	2.25	0.65	7.41	3.38	9.56	0.28	6.7	222.7	Clear	No Odor
10:10	5	100	2.26	0.78	7.42	3.36	8.83	0.27	7.1	217.8	Clear, Small White Particulates	No Odor
10:15	5	100	2.26	0.91	7.44	3.37	11.20	0.37	7.3	213.2	Clear, Small White Particulates	No Odor
10:20	5	100	2.26	1.04	7.44	3.36	8.04	0.26	7.3	209.4	Clear, Small White Particulates	No Odor
10:25	5	100	2.26	1.17	7.44	3.35	5.72	0.28	7.2	206.4	Clear, Small White Particulates	No Odor
10:30	5	100	2.26	1.30	7.44	3.33	5.30	0.21	7.2	204.2	Clear, Small White Particulates	No Odor
10:35	5	100	2.26	1.43	7.44	3.36	4.68	0.24	7.2	201.5	Clear, Small White Particulates	No Odor
10:40	5	100	2.26	1.56	7.44	3.35	4.10	0.22	7.1	199.2	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:	MW-196S	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.	30042006.0401.02	Well ID	MW-197S			Date	2-11-20
Project Name/Location		Ford LTP		Weather	35.06 degrees F, Mostly 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)	4.60	Total Depth (ft-bmp)	7.40	Water Column (ft.)	2.80	Gallons in Well	0.45
		Pump Intake (ft-bmp)	6.10	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.73				
Sample Time: Label	12:51	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	100	4.65	0.00	7.11	9.81	2.57	1.00	7.6	235.1	Clear	No Odor
12:25	5	100	4.65	0.13	7.12	9.80	1.80	0.71	7.6	232.0	Clear	No Odor
12:30	5	100	4.66	0.26	7.13	9.77	1.56	0.58	7.7	228.7	Clear	No Odor
12:35	5	100	4.66	0.39	7.14	9.71	1.29	0.46	7.6	224.7	Clear	No Odor
12:40	5	100	4.66	0.52	7.15	9.67	1.08	0.46	7.7	220.9	Clear	No Odor
12:45	5	100	4.67	0.65	7.16	9.64	1.03	0.39	7.7	216.3	Clear	No Odor
12:50	5	100	4.67	0.78	7.16	9.60	1.01	0.35	7.7	212.1	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:	MW-197S	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.	30042006.0401.02	Well ID	MW-198			Date	2-12-20
Project Name/Location		Ford LTP		Weather	24.98 degrees F, Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	12-17	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.80	Total Depth (ft-bmp)	16.52	Water Column (ft.)	12.72	Gallons in Well	2.07
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.38				
Sample Time: Label	9:51	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	9:15						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:20	0	100	3.80	0.00	7.28	0.84	3.45	0.76	9.7	192.5	Clear	No Odor
9:25	5	100	3.80	0.13	7.34	0.84	2.85	0.64	9.9	190.3	Clear	No Odor
9:30	5	100	3.80	0.26	7.40	0.85	2.68	0.48	9.9	187.3	Clear	No Odor
9:35	5	100	3.81	0.39	7.42	0.85	2.30	0.42	9.9	185.6	Clear	No Odor
9:40	5	100	3.81	0.52	7.44	0.85	2.28	0.38	10.1	182.8	Clear	No Odor
9:45	5	100	3.81	0.65	7.44	0.85	1.94	0.37	10.1	181.5	Clear	No Odor
9:50	5	100	3.81	0.78	7.44	0.85	1.78	0.37	10.1	179.7	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:	MW-198	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.	30042006.0401.02	Well ID	MW-198S			Date	2-12-20
Project Name/Location		Ford LTP		Weather	26.96 degrees F, Fog/Mist		
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)	3.79	Total Depth (ft-bmp)	7.10	Water Column (ft.)	3.31	Gallons in Well	0.54
		Pump Intake (ft-bmp)	5.29	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.44				
Sample Time: Label	10:46	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	100	3.81	0.00	7.40	6.70	1.29	0.50	6.5	241.4	Clear	No Odor
10:20	5	100	3.85	0.13	7.39	6.72	1.61	0.46	6.6	240.3	Clear	No Odor
10:25	5	100	3.87	0.26	7.39	6.80	1.23	0.42	6.6	233.1	Clear	No Odor
10:30	5	100	3.87	0.39	7.39	6.77	1.16	0.34	6.6	227.4	Clear	No Odor
10:35	5	100	3.87	0.52	7.39	6.76	1.22	0.38	6.7	219.6	Clear	No Odor
10:40	5	100	3.87	0.65	7.38	6.74	1.20	0.32	6.6	215.1	Clear	No Odor
10:45	5	100	3.87	0.78	7.39	6.69	1.20	0.27	6.7	209.8	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:	MW-198S	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.	30042006.0401.02	Well ID	MW-199S			Date	2-12-20
Project Name/Location	Ford LTP			Weather	30.02 degrees F, 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)	1.73	Total Depth (ft-bmp)	5.82	Water Column (ft.)	4.09	Gallons in Well	0.66
		Pump Intake (ft-bmp)	3.23	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.36				
Sample Time: Label	12:41	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:35						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:40	0	100	1.75	0.00	7.56	1.11	1.67	1.20	4.6	141.0	Clear	No Odor
11:45	5	100	1.75	0.13	7.53	1.15	2.22	0.50	4.7	110.4	Clear	No Odor
11:50	5	100	1.75	0.26	7.57	1.18	2.00	0.43	4.8	86.8	Clear	No Odor
11:55	5	100	1.75	0.39	7.60	1.20	1.94	0.35	4.8	67.7	Clear	No Odor
12:00	5	100	1.77	0.52	7.60	1.20	1.89	0.28	4.8	55.0	Clear	No Odor
12:05	5	100	1.77	0.65	7.62	1.22	1.79	0.21	4.8	42.3	Clear	No Odor
12:10	5	100	1.77	0.78	7.63	1.23	1.67	0.19	4.9	29.3	Clear	No Odor
12:15	5	100	1.77	0.91	7.64	1.23	1.09	0.18	4.9	16.9	Clear	No Odor
12:20	5	100	1.77	1.04	7.65	1.24	1.40	0.19	4.8	9.5	Clear	No Odor
12:25	5	100	1.77	1.17	7.66	1.24	1.39	0.16	4.9	-2.2	Clear	No Odor
12:30	5	100	1.77	1.30	7.66	1.25	1.36	0.13	4.9	-9.6	Clear	No Odor
12:35	5	100	1.77	1.43	7.66	1.26	1.30	0.13	4.9	-17.6	Clear	No Odor
12:40	5	100	1.77	1.56	7.67	1.26	1.42	0.12	4.9	-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	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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-199S	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.	30042006.0401.02	Well ID	MW-200			Date	2-12-20
Project Name/Location		Ford LTP		Weather	33.08 degrees F, 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)	5.81	Total Depth (ft-bmp)	18.80	Water Column (ft.)	12.99	Gallons in Well	2.11
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.74				
Sample Time: Label	14:26	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:20						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:25	0	100	5.97	0.00	7.55	3.14	4.73	0.78	11.5	55.8	Clear	No Odor
13:30	5	100	5.97	0.13	7.56	3.17	3.90	0.67	11.6	31.9	Clear	No Odor
13:35	5	100	5.99	0.26	7.56	3.18	5.88	0.53	11.8	7.2	Clear	No Odor
13:40	5	100	5.99	0.39	7.56	3.18	3.70	0.56	11.9	-12.4	Clear	No Odor
13:45	5	100	6.00	0.52	7.55	3.17	2.89	0.60	11.9	-28.7	Clear	No Odor
13:50	5	100	6.00	0.65	7.56	3.18	2.90	0.57	11.9	-45.7	Clear	No Odor
13:55	5	100	6.00	0.78	7.55	3.17	2.47	0.58	11.8	-56.6	Clear	No Odor
14:00	5	100	6.00	0.91	7.54	3.17	3.69	0.23	11.4	-69.2	Clear	No Odor
14:05	5	100	6.00	1.04	7.56	3.18	2.66	0.22	12.0	-78.8	Clear	No Odor
14:10	5	100	6.00	1.17	7.54	3.17	2.68	0.30	11.7	-85.6	Clear	No Odor
14:15	5	100	6.00	1.30	7.55	3.17	4.26	0.19	11.8	-91.0	Clear	No Odor
14:20	5	100	6.00	1.43	7.55	3.17	4.05	0.15	11.8	-95.9	Clear	No Odor
14:25	5	100	6.00	1.56	7.55	3.17	3.26	0.15	11.9	-99.8	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:	MW-200	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.	30042006.0401.02	Well ID	MW-200S			Date	2-12-20
Project Name/Location		Ford LTP		Weather	33.98 degrees F, 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)	5.80	Total Depth (ft-bmp)	9.58	Water Column (ft.)	3.78	Gallons in Well	0.61
		Pump Intake (ft-bmp)	7.30	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.56				
Sample Time: Label	15:51	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:45						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:50	0	100	5.81	0.00	7.87	9.82	45.50	1.14	8.1	16.8	Cloudy	No Odor
14:55	5	100	5.85	0.13	7.92	9.83	36.90	0.70	8.3	0.8	Cloudy	No Odor
15:00	5	100	5.85	0.26	7.94	9.82	28.60	0.60	8.3	-8.4	Cloudy	No Odor
15:05	5	100	5.85	0.39	7.96	9.78	22.40	0.67	8.4	-15.5	Cloudy	No Odor
15:10	5	100	5.85	0.52	7.97	9.78	17.70	0.70	8.4	-20.6	Clear, Small White Particulates	No Odor
15:15	5	100	5.85	0.65	7.99	9.74	13.80	0.80	8.4	-24.0	Clear, Small White Particulates	No Odor
15:20	5	100	5.85	0.78	7.99	9.70	11.60	0.83	8.4	-25.1	Clear, Small White Particulates	No Odor
15:25	5	100	5.85	0.91	8.00	9.68	8.97	0.84	8.2	-26.1	Clear	No Odor
15:30	5	100	5.85	1.04	8.00	9.64	6.76	0.86	8.3	-26.6	Clear	No Odor
15:35	5	100	5.85	1.17	8.01	9.60	5.44	0.87	8.2	-26.7	Clear	No Odor
15:40	5	100	5.85	1.30	8.01	9.56	4.40	0.88	8.4	-26.6	Clear	No Odor
15:45	5	100	5.85	1.43	8.01	9.55	3.81	0.88	8.4	-26.4	Clear	No Odor
15:50	5	100	5.85	1.56	8.02	9.53	4.52	0.89	8.4	-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:	MW-200S	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.	30042006.0401.02	Well ID	MW-201			Date	2-13-20
Project Name/Location		Ford LTP		Weather	32.00 degrees F, Light Snow and Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	17-22	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.89	Total Depth (ft-bmp)	21.47	Water Column (ft.)	16.58	Gallons in Well	2.69
		Pump Intake (ft-bmp)	19.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.58				
Sample Time: Label	14:46	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:40						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:45	0	100	5.40	0.00	7.22	38.30	21.00	0.40	11.8	204.2	Cloudy	No Odor
13:50	5	100	5.46	0.13	7.31	38.09	17.00	0.44	11.2	181.6	Cloudy	No Odor
13:55	5	100	5.46	0.26	7.34	38.24	15.90	0.28	11.4	169.4	Clear, Small White Particulates	No Odor
14:00	5	100	5.46	0.39	7.40	36.75	12.80	0.21	11.4	153.1	Clear, Small White Particulates	No Odor
14:05	5	100	5.46	0.52	7.45	33.61	11.40	0.19	11.5	135.6	Clear, Small White Particulates	No Odor
14:10	5	100	5.48	0.65	7.48	30.66	9.70	0.18	11.5	121.2	Clear, Small White Particulates	No Odor
14:15	5	100	5.48	0.78	7.50	28.68	8.82	0.17	11.6	110.3	Clear, Small White Particulates	No Odor
14:20	5	100	5.48	0.91	7.51	27.01	7.97	0.17	11.6	100.2	Clear, Small White Particulates	No Odor
14:25	5	100	5.48	1.04	7.52	25.24	8.19	0.16	11.8	98.7	Clear	No Odor
14:30	5	100	5.49	1.17	7.52	24.02	6.85	0.14	11.7	82.1	Clear	No Odor
14:35	5	100	5.49	1.30	7.52	22.60	6.85	0.13	11.8	72.3	Clear	No Odor
14:40	5	100	5.49	1.43	7.51	21.89	5.38	0.12	11.6	67.1	Clear	No Odor
14:45	5	100	5.49	1.56	7.51	20.93	6.11	0.11	11.7	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	1.5" = 0.09	2.5" = 0.26	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-201	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.	30042006.0401.02	Well ID	MW-201S			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, Cloudy		
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)	4.85	Total Depth (ft-bmp)	8.13	Water Column (ft.)	3.28	Gallons in Well	0.53
		Pump Intake (ft-bmp)	6.35	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.47				
Sample Time: Label	14:45	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Melissa Weaver
Purge Start	13:50						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:55	0	100	4.87	0.00	9.06	9.35	0.02	1.52	6.9	24.7	Clear	No Odor
14:00	5	100	4.87	0.13	8.83	9.20	0.02	0.70	7.7	19.8	Clear	No Odor
14:05	5	100	4.87	0.26	8.89	8.93	0.02	0.56	7.8	17.0	Clear	No Odor
14:10	5	100	4.87	0.39	8.93	8.87	0.02	0.63	7.7	16.3	Clear	No Odor
14:15	5	100	4.88	0.52	8.97	8.88	0.02	0.72	7.8	16.2	Clear	No Odor
14:20	5	100	4.87	0.65	8.96	8.89	0.02	0.74	7.9	16.2	Clear	No Odor
14:25	5	100	4.87	0.78	8.96	8.81	0.02	0.78	8.0	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	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments One missing bolt

Well Casing Volumes

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

Well Information

Well Location:	Parking lot in stripped handicap area. Gate 7.	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.	30042006.0401.02	Well ID	MW-208S			Date	2-8-20
Project Name/Location		Ford LTP		Weather		28 degrees F, 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)	10.04	Total Depth (ft-bmp)	14.00	Water Column (ft.)	3.96	Gallons in Well	0.64
		Pump Intake (ft-bmp)	11.54	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.44				
Sample Time: Label	14:11	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Melissa Weaver
Purge Start	13:09						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:11	0	100	10.04	0.00	7.89	1.90	54.10	3.60	8.4	-51.6	Cloudy	No Odor
13:16	5	100	10.04	0.13	7.50	1.84	52.70	2.61	8.2	-47.5	Cloudy	No Odor
13:21	5	100	10.04	0.26	7.45	1.70	36.90	2.39	8.7	-43.7	Cloudy	No Odor
13:26	5	100	10.04	0.39	7.43	1.61	29.60	2.77	8.2	-37.7	Cloudy	No Odor
13:31	5	100	10.04	0.52	7.40	1.61	27.90	2.44	8.7	-31.1	Cloudy	No Odor
13:36	5	100	10.05	0.65	7.41	1.62	20.70	2.34	8.9	-25.9	Cloudy	No Odor
13:41	5	100	10.05	0.78	7.42	1.61	20.90	2.30	8.8	-20.4	Cloudy	No Odor
13:46	5	100	10.05	0.91	7.41	1.64	26.00	2.24	8.8	-11.4	Turbid	No Odor
13:51	5	100	10.05	1.04	7.42	1.63	14.60	2.25	8.8	-6.3	Clear	No Odor
13:56	5	100	10.05	1.17	7.42	1.62	12.60	2.32	8.8	-2.9	Clear	No Odor
14:01	5	100	10.05	1.30	7.41	1.63	7.82	2.27	8.9	0.1	Clear	No Odor
14:06	5	100	10.05	1.43	7.41	1.63	4.16	2.31	8.8	5.0	Clear	No Odor
14:11	5	100	10.05	1.56	7.41	1.63	5.13	2.24	8.9	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	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

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

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-209S			Date	2-8-20
Project Name/Location	Ford LTP			Weather	30.92 degrees F, 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)	9.43	Total Depth (ft-bmp)	13.00	Water Column (ft.)	3.57	Gallons in Well	0.58
		Pump Intake (ft-bmp)	10.93	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	3.72				
Sample Time: Label	11:55	Volume Purged	2.16 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
Purge Start	11:10						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	180	9.43	0.00	7.26	8.28	46.80	1.72	9.4	18.5	Clear	No Odor
11:15	5	180	9.48	0.24	7.28	8.23	37.50	0.66	9.1	16.8	Clear	No Odor
11:20	5	180	9.48	0.48	7.29	8.29	24.60	0.57	9.1	12.9	Clear	No Odor
11:25	5	180	9.44	0.72	7.30	8.25	18.60	0.32	9.2	8.5	Clear	No Odor
11:30	5	180	9.45	0.96	7.31	8.17	11.10	0.30	9.3	3.1	Clear	No Odor
11:35	5	180	9.45	1.20	7.31	8.18	7.92	0.30	9.4	0.3	Clear	No Odor
11:40	5	180	9.45	1.44	7.31	8.17	5.38	0.27	9.3	-3.2	Clear	No Odor
11:45	5	180	9.45	1.68	7.31	8.14	3.77	0.25	9.5	-7.3	Clear	No Odor
11:50	5	180	9.45	1.92	7.31	8.14	3.11	0.26	9.4	-10.8	Clear	No Odor
11:55	5	180	9.45	2.16	7.31	8.15	2.03	0.27	9.3	-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
1,4-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 None

Well Casing Volumes

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

Well Information

Well Location:	5 ft past corner of building	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-210S			Date	2-8-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	9.38	Total Depth (ft-bmp)	13.00	Water Column (ft.)	3.62	Gallons in Well	0.59
		Pump Intake (ft-bmp)	10.88	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	3.39				
Sample Time: Label	10:56	Volume Purged	2 gallons	Replicate/Code No.	--	Sampled by	Julia McClafferty
Purge Start	10:03						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:03	0	150	9.41	0.00	7.43	7.26	107.00	0.58	9.5	170.0	Cloudy	No Odor
10:08	5	150	9.42	0.20	7.18	8.98	64.00	0.28	10.0	91.4	Clear	No Odor
10:13	5	150	9.41	0.40	7.10	9.31	67.90	0.14	9.9	20.2	Clear	No Odor
10:18	5	150	9.41	0.60	7.12	9.60	39.70	0.20	10.1	-25.4	Clear	No Odor
10:23	5	150	9.41	0.80	7.12	9.80	27.30	0.45	10.1	-49.0	Clear	No Odor
10:28	5	150	9.41	1.00	7.13	9.88	24.50	0.50	10.3	-58.6	Clear	No Odor
10:33	5	150	9.40	1.20	7.13	9.99	19.90	0.99	10.3	-65.6	Clear	No Odor
10:38	5	150	9.41	1.40	7.13	10.01	10.50	0.77	10.3	-70.0	Clear	No Odor
10:43	5	150	9.41	1.60	7.13	10.07	7.93	0.74	10.4	-73.9	Clear	No Odor
10:48	5	150	9.42	1.80	7.13	10.10	8.30	0.79	10.4	-76.5	Clear	No Odor
10:53	5	150	9.41	2.00	7.13	10.16	7.56	0.79	10.5	-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
1,4-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 None

Well Casing Volumes

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

Well Information

Well Location:	Across from parking lot D	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-211S			Date	2-8-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	7.94	Total Depth (ft-bmp)	12.00	Water Column (ft.)	4.06	Gallons in Well	0.66
		Pump Intake (ft-bmp)	9.44	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	3.64				
Sample Time: Label	13:44	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Julia McClafferty
Purge Start	12:44						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:44	0	150	7.97	0.00	7.52	8.65	49.10	4.80	9.1	-32.9	Cloudy	No Odor
12:49	5	150	7.97	0.20	7.46	8.75	54.50	0.32	9.3	-32.5	Cloudy	No Odor
12:54	5	150	7.97	0.40	7.42	8.75	46.60	0.20	9.4	-30.9	Cloudy	No Odor
12:59	5	150	9.79	0.60	7.40	8.79	40.30	0.23	9.4	-29.4	Clear	No Odor
13:04	5	150	7.97	0.80	7.38	9.04	20.80	0.30	9.2	-26.2	Clear	No Odor
13:09	5	150	7.97	1.00	7.37	9.44	14.60	0.24	9.3	-23.9	Clear	No Odor
13:14	5	150	7.97	1.20	7.36	9.97	12.60	0.23	9.3	-21.1	Clear	No Odor
13:19	5	150	7.97	1.40	7.36	10.76	10.20	0.20	9.3	-18.0	Clear	No Odor
13:24	5	150	7.97	1.60	7.35	10.75	11.90	0.18	9.3	-17.0	Clear	No Odor
13:29	5	150	7.97	1.80	7.35	10.97	7.33	0.13	9.4	-15.0	Clear	No Odor
13:34	5	150	7.97	2.00	7.34	11.18	6.59	0.14	9.4	-13.1	Clear	No Odor
13:39	5	150	9.79	2.20	7.34	11.37	6.43	0.22	9.3	-11.7	Clear	No Odor
13:44	5	150	7.97	2.40	7.34	11.50	5.73	0.17	9.3	-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
1,4-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 None

Well Casing Volumes

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

Well Information

Well Location:	Across from parking lot D	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-212S			Date	2-8-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, Cloudy		
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)	7.41	Total Depth (ft-bmp)	11.50	Water Column (ft.)	4.09	Gallons in Well	0.66
		Pump Intake (ft-bmp)	8.91	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.36				
Sample Time: Label	13:01	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	11:55						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:00	0	100	7.43	0.00	7.49	5.15	12.40	3.68	8.3	130.5	Clear	No Odor
12:05	5	100	7.43	0.13	7.45	5.69	7.19	3.54	8.6	134.0	Clear	No Odor
12:10	5	100	7.44	0.26	7.45	6.04	3.43	3.01	8.3	135.7	Clear	No Odor
12:15	5	100	7.45	0.39	7.37	7.79	2.43	1.79	8.4	142.6	Clear	No Odor
12:20	5	100	7.45	0.52	7.35	8.14	2.09	1.46	8.8	142.0	Clear	No Odor
12:25	5	100	7.45	0.65	7.36	8.25	1.96	1.21	8.9	141.1	Clear	No Odor
12:30	5	100	7.45	0.78	7.35	8.30	1.87	1.14	8.7	140.7	Clear	No Odor
12:35	5	100	7.45	0.91	7.34	8.42	1.61	1.03	9.3	138.1	Clear	No Odor
12:40	5	100	7.45	1.04	7.35	8.50	1.66	1.02	9.0	137.3	Clear	No Odor
12:45	5	100	7.45	1.17	7.34	8.51	1.31	1.01	8.8	134.6	Clear	No Odor
12:50	5	100	7.45	1.30	7.34	8.54	1.07	1.03	8.6	131.0	Clear	No Odor
12:55	5	100	7.45	1.43	7.34	8.60	1.16	0.99	8.5	125.9	Clear	No Odor
13:00	5	100	7.45	1.56	7.34	8.67	1.15	0.93	8.5	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	1.5" = 0.09	2.5" = 0.26	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-212S	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.	30042006.0401.02	Well ID	MW-213S			Date	2-8-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	7.10	Total Depth (ft-bmp)	11.00	Water Column (ft.)	3.90	Gallons in Well	0.63
		Pump Intake (ft-bmp)	8.60	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.48				
Sample Time: Label	11:26	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	10:20						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:25	0	100	7.11	0.00	7.12	11.62	13.90	0.73	8.3	269.2	Clear	No Odor
10:30	5	100	7.11	0.13	7.18	11.55	13.20	0.44	8.4	237.4	Clear	No Odor
10:35	5	100	7.11	0.26	7.22	11.51	11.50	0.33	8.8	206.3	Clear	No Odor
10:40	5	100	7.11	0.39	7.23	11.49	8.85	0.32	8.4	196.1	Clear	No Odor
10:45	5	100	7.11	0.52	7.24	11.44	6.44	0.41	8.7	176.3	Clear	No Odor
10:50	5	100	7.11	0.65	7.25	11.44	6.68	0.38	8.5	171.8	Clear	No Odor
10:55	5	100	7.13	0.78	7.25	11.40	4.63	0.37	8.6	162.3	Clear	No Odor
11:00	5	100	7.13	0.91	7.26	11.36	4.21	0.30	8.5	155.1	Clear	No Odor
11:05	5	100	7.13	1.04	7.26	11.35	3.69	0.31	8.6	147.9	Clear	No Odor
11:10	5	100	7.13	1.17	7.27	11.31	2.93	0.30	8.7	140.4	Clear	No Odor
11:15	5	100	7.13	1.30	7.27	11.31	3.05	0.29	8.4	133.0	Clear	No Odor
11:20	5	100	7.13	1.43	7.27	11.27	2.52	0.27	8.6	127.9	Clear	No Odor
11:25	5	100	7.13	1.56	7.27	11.24	2.14	0.24	8.8	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	1.5" = 0.09	2.5" = 0.26	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-213S	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-218S			Date	2-20-20
Project Name/Location		Ford LTP		Weather	24.08 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	10.22	Total Depth (ft-bmp)	14.00	Water Column (ft.)	3.78	Gallons in Well	0.61
		Pump Intake (ft-bmp)	11.75	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.28				
Sample Time: Label	13:17	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
Purge Start	12:45						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:45	0	100	10.25	0.00	7.50	1.98	1.24	1.70	5.9	-66.7	Clear	No Odor
12:50	5	100	10.25	0.13	7.47	1.36	0.54	1.05	7.3	-39.6	Clear	No Odor
12:55	5	100	10.25	0.26	7.35	1.33	0.02	0.76	7.1	-20.4	Clear	No Odor
13:00	5	100	10.25	0.39	7.25	1.54	0.02	0.76	7.0	-14.2	Clear	No Odor
13:05	5	100	10.25	0.52	7.21	1.66	0.02	0.76	7.1	-21.4	Clear	No Odor
13:10	5	100	10.25	0.65	7.19	1.64	0.02	0.77	7.1	-25.7	Clear	No Odor
13:15	5	100	10.25	0.78	7.18	1.68	0.02	0.77	7.1	-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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 of ford by sign	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-219S			Date	2-6-20
Project Name/Location		Ford LTP		Weather		27 degrees F, 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)	7.10	Total Depth (ft-bmp)	12.00	Water Column (ft.)	4.90	Gallons in Well	0.80
		Pump Intake (ft-bmp)	8.60	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.50				
Sample Time: Label	13:35	Volume Purged	1.2 gallons	Replicate/Code No.	DUP-01	Sampled by	Melissa Weaver
Purge Start	13:05						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:05	0	150	7.12	0.00	7.98	3.75	31.40	9.94	7.3	66.8	Yellow	No Odor
13:10	5	150	7.20	0.20	8.00	3.80	3.70	10.17	7.4	61.5	Yellow	No Odor
13:15	5	150	7.13	0.40	8.00	3.80	29.60	10.05	7.4	58.9	Yellow	No Odor
13:20	5	150	7.12	0.60	7.97	3.82	29.60	9.70	7.7	58.4	Yellow	No Odor
13:25	5	150	7.13	0.80	7.97	3.86	31.50	9.52	7.7	59.0	Yellow	No Odor
13:30	5	150	7.13	1.00	7.97	3.88	30.40	9.30	7.8	59.4	Yellow	No Odor
13:35	5	150	7.13	1.20	7.97	3.91	28.80	9.17	7.7	59.6	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:	Ford LTP	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-220S			Date	2-4-20
Project Name/Location		Ford LTP		Weather	35.96 degrees F, 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)	7.62	Total Depth (ft-bmp)	11.00	Water Column (ft.)	3.38	Gallons in Well	0.55
		Pump Intake (ft-bmp)	9.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.84				
Sample Time: Label	10:38	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	9:32						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:35	0	100	7.63	0.00	7.12	3.39	1.11	7.49	7.9	306.9	Clear	No Odor
9:40	5	100	7.63	0.13	7.16	3.41	1.33	7.76	7.8	294.8	Clear	No Odor
9:45	5	100	7.62	0.26	7.17	3.43	1.01	7.52	7.8	281.6	Clear	No Odor
9:50	5	100	7.62	0.39	7.17	3.43	1.43	7.27	7.9	266.8	Clear	No Odor
9:55	5	100	7.64	0.52	7.17	3.42	1.44	6.90	8.0	254.4	Clear	No Odor
10:00	5	100	7.62	0.65	7.17	3.40	0.02	6.56	8.0	240.3	Clear	No Odor
10:05	5	100	7.63	0.78	7.18	3.40	0.02	6.23	7.5	230.7	Clear	No Odor
10:10	5	100	7.63	0.91	7.18	3.39	0.02	5.99	7.5	224.9	Clear	No Odor
10:15	5	100	7.63	1.04	7.18	3.39	0.02	5.78	7.6	217.2	Clear	No Odor
10:20	5	100	7.64	1.17	7.18	3.38	0.02	5.50	7.8	210.8	Clear	No Odor
10:25	5	100	7.63	1.30	7.18	3.38	0.02	5.39	7.8	204.0	Clear	No Odor
10:30	5	100	7.63	1.43	7.18	3.38	0.02	5.15	7.5	198.1	Clear	No Odor
10:35	5	100	7.63	1.56	7.18	3.38	0.02	4.92	7.5	192.6	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 Looks like some grout around top of 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:	Ford LTP	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-221S			Date	2-4-20
Project Name/Location		Ford LTP		Weather	35.96 degrees F, Cloudy		
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)	6.04	Total Depth (ft-bmp)	11.50	Water Column (ft.)	5.46	Gallons in Well	0.89
		Pump Intake (ft-bmp)	7.54	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.88				
Sample Time: Label	12:26	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:50	0	100	6.05	0.00	8.90	1.16	2.36	5.08	8.2	298.6	Clear	No Odor
11:55	5	100	6.06	0.13	8.88	1.13	1.89	4.80	8.8	296.4	Clear	No Odor
12:00	5	100	6.06	0.26	8.88	1.10	2.00	4.83	8.9	296.2	Clear	No Odor
12:05	5	100	6.07	0.39	8.86	1.08	1.12	4.49	8.8	296.8	Clear	No Odor
12:10	5	100	6.07	0.52	8.86	1.06	1.06	4.52	9.0	297.2	Clear	No Odor
12:15	5	100	6.07	0.65	8.84	1.05	1.04	4.57	9.0	298.3	Clear	No Odor
12:20	5	100	6.07	0.78	8.83	1.03	0.46	4.57	8.9	298.6	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:	Ford LTP	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-222S			Date	2-6-20
Project Name/Location	Ford LTP			Weather	27 degrees F, 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)	5.60	Total Depth (ft-bmp)	10.50	Water Column (ft.)	4.90	Gallons in Well	0.80
		Pump Intake (ft-bmp)	7.10	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.99				
Sample Time: Label	11:40	Volume Purged	1.59 gallons	Replicate/Code No.	--	Sampled by	Melissa Weaver
Purge Start	10:55						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:00	0	150	5.61	0.00	6.89	7.80	38.80	10.61	7.5	12.3	Cloudy	No Odor
11:15	15	150	5.62	0.59	7.27	6.57	38.80	10.70	7.2	77.3	Cloudy	No Odor
11:20	5	150	5.63	0.79	7.27	6.49	14.90	10.36	7.4	70.7	Clear	No Odor
11:25	5	150	5.63	0.99	7.29	6.43	6.24	10.26	7.3	65.8	Clear	No Odor
11:30	5	150	5.63	1.19	7.29	6.38	4.66	9.88	7.4	61.7	Clear	No Odor
11:35	5	150	5.63	1.39	7.29	6.36	0.02	9.82	7.3	57.3	Clear	No Odor
11:40	5	150	5.63	1.59	7.31	6.33	0.02	9.60	7.4	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

Equipment issues at 11:00 with turbidity meter. One battery kept popping out so I taped it in place, then put the cover back 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:	Ford LTP	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	MW-224S			Date	2-4-20
Project Name/Location		Ford LTP		Weather	35.06 degrees F, 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)	8.54	Total Depth (ft-bmp)	12.00	Water Column (ft.)	3.46	Gallons in Well	0.56
		Pump Intake (ft-bmp)	10.04	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.79				
Sample Time: Label	14:58	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Kara Donahue
Purge Start	13:52						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:55	0	100	8.40	0.00	7.24	11.16	0.02	1.90	8.7	391.4	Clear	No Odor
14:00	5	100	8.39	0.13	7.24	11.20	0.02	1.48	9.1	368.0	Clear	No Odor
14:05	5	100	8.41	0.26	7.24	11.21	0.02	1.57	9.0	351.8	Clear	No Odor
14:10	5	100	8.41	0.39	7.25	11.17	0.02	1.70	8.9	338.5	Clear	No Odor
14:15	5	100	8.40	0.52	7.26	11.14	0.02	1.76	9.1	329.7	Clear	No Odor
14:20	5	100	8.40	0.65	7.27	11.17	0.02	1.76	9.1	318.9	Clear	No Odor
14:25	5	100	8.40	0.78	7.28	11.17	0.02	1.72	9.1	308.0	Clear	No Odor
14:30	5	100	8.41	0.91	7.28	11.13	0.02	1.84	9.2	299.6	Clear	No Odor
14:35	5	100	8.41	1.04	7.28	11.15	0.02	1.82	9.1	289.9	Clear	No Odor
14:40	5	100	8.41	1.17	7.28	11.16	0.02	1.77	9.1	282.0	Clear	No Odor
14:45	5	100	8.41	1.30	7.29	11.16	0.02	1.79	9.1	273.6	Clear	No Odor
14:50	5	100	8.41	1.43	7.28	11.15	0.02	1.80	9.1	264.4	Clear	No Odor
14:55	5	100	8.40	1.56	7.28	11.15	0.02	1.84	9.2	259.3	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:	Ford LTP	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	PW-16-01			Date	2-7-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9.7-19.7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.85	Total Depth (ft-bmp)	21.57	Water Column (ft.)	12.72	Gallons in Well	2.07
		Pump Intake (ft-bmp)	14.70	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.38				
Sample Time: Label	16:21	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	15:45						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:50	0	100	8.85	0.00	8.00	2.52	4.95	2.81	9.3	82.5	Clear	No Odor
15:55	5	100	8.85	0.13	8.01	2.49	2.98	2.81	9.3	82.2	Clear	No Odor
16:00	5	100	8.85	0.26	8.01	2.48	3.34	2.78	9.4	82.7	Clear	No Odor
16:05	5	100	8.85	0.39	8.02	2.46	3.43	2.87	9.5	82.8	Clear	No Odor
16:10	5	100	8.85	0.52	8.02	2.43	3.81	2.87	9.5	83.3	Clear	No Odor
16:15	5	100	8.85	0.65	8.01	2.40	4.88	2.88	9.4	84.9	Clear	No Odor
16:20	5	100	8.85	0.78	8.01	2.40	4.47	2.91	9.5	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 Casing is good but the vault is broken

Well Casing Volumes

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

Well Information

Well Location:	PW-16-01	Well Locked at Arrival:	no
Condition of Well:	Vault broken	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	PW-16-02			Date	2-4-20
Project Name/Location		Ford LTP		Weather	35.96 degrees F, 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)	5.15	Total Depth (ft-bmp)	23.72	Water Column (ft.)	18.57	Gallons in Well	3.02
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.30				
Sample Time: Label	12:51	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	12:10						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:15	0	100	5.18	0.00	6.91	0.85	8.59	2.76	7.6	24.2	Clear	No Odor
12:20	5	100	5.20	0.13	6.93	0.86	7.81	2.69	7.7	21.7	Clear	No Odor
12:25	5	100	5.21	0.26	6.94	0.86	7.64	1.75	7.8	20.9	Clear	No Odor
12:30	5	100	5.21	0.39	6.94	0.86	7.71	2.07	7.3	21.5	Clear	No Odor
12:35	5	100	5.21	0.52	6.93	0.86	7.32	2.35	7.2	22.3	Clear	No Odor
12:40	5	100	5.21	0.65	6.93	0.86	7.05	1.78	7.3	22.5	Clear	No Odor
12:45	5	100	5.21	0.78	6.94	0.86	7.09	1.74	7.5	22.2	Clear	No Odor
12:50	5	100	5.21	0.91	6.93	0.85	7.23	1.79	7.5	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:	PW-16-02	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.	30042006.0401.02	Well ID	TW-16-01			Date	2-7-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	7.98	Total Depth (ft-bmp)	16.80	Water Column (ft.)	8.82	Gallons in Well	1.43
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.09				
Sample Time: Label	14:51	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:45						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:50	0	100	7.98	0.00	7.41	1.93	23.70	0.50	9.4	85.4	Cloudy	No Odor
13:55	5	100	7.98	0.13	7.46	1.95	27.00	0.80	9.6	52.4	Clear	No Odor
14:00	5	100	7.98	0.26	7.47	1.95	33.00	0.55	10.3	36.5	Clear	No Odor
14:05	5	100	7.98	0.39	7.45	1.98	5.88	0.44	10.0	25.6	Clear	No Odor
14:10	5	100	7.98	0.52	7.46	2.15	15.80	0.38	10.2	11.4	Clear	No Odor
14:15	5	100	7.98	0.65	7.45	2.01	4.46	0.42	10.0	-2.4	Clear	No Odor
14:20	5	100	7.98	0.78	7.45	2.15	6.26	0.23	10.6	-7.9	Clear	No Odor
14:25	5	100	8.00	0.91	7.40	2.31	7.28	0.68	10.6	-15.0	Clear	No Odor
14:30	5	100	8.00	1.04	7.40	2.15	18.10	0.55	10.2	-12.5	Clear, Small Orange Particulates	No Odor
14:35	5	100	8.00	1.17	7.39	2.26	8.96	0.68	10.6	-11.0	Clear, Small Orange Particulates	No Odor
14:40	5	100	8.00	1.30	7.39	2.31	13.20	0.62	10.7	-13.3	Clear, Small Orange Particulates	No Odor
14:45	5	100	8.00	1.43	7.40	2.34	4.66	0.54	10.8	-16.8	Clear	No Odor
14:50	5	100	8.00	1.56	7.38	2.40	5.10	0.56	10.3	-18.9	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
1,4-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 Water rising in vault

Well Casing Volumes

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

Well Information

Well Location:	TW-16-01	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	TW-16-02			Date	2-3-20
Project Name/Location		Ford LTP		Weather	46.94 degrees F, Mostly 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)	7.61	Total Depth (ft-bmp)	17.12	Water Column (ft.)	9.51	Gallons in Well	1.55
		Pump Intake (ft-bmp)	14.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.92				
Sample Time: Label	15:26	Volume Purged	1.43 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	14:25						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:30	0	100	7.65	0.00	7.28	4.46	96.60	0.42	12.6	-36.8	Cloudy	No Odor
14:35	5	100	7.65	0.13	7.27	4.41	119.00	0.33	12.5	-49.9	Small Orange Particulates	No Odor
14:40	5	100	7.67	0.26	7.28	4.43	125.00	0.88	12.5	-65.3	Small Orange Particulates	No Odor
14:45	5	100	7.67	0.39	7.29	4.41	104.00	5.32	12.5	-74.7	Cloudy, Small Orange Particulates	No Odor
14:50	5	100	7.67	0.52	7.29	4.42	92.50	4.88	12.4	-78.2	Cloudy, Small Orange Particulates	No Odor
14:55	5	100	7.67	0.65	7.29	4.43	88.20	6.08	12.0	-79.8	Cloudy, Small Orange Particulates	No Odor
15:00	5	100	7.67	0.78	7.29	4.43	70.00	5.76	12.1	-81.9	Cloudy, Small Orange Particulates	No Odor
15:05	5	100	7.67	0.91	7.30	4.43	66.40	5.54	12.1	-84.2	Cloudy, Small Orange Particulates	No Odor
15:10	5	100	7.67	1.04	7.30	4.42	61.00	5.35	12.1	-85.4	Cloudy, Small Orange Particulates	No Odor
15:15	5	100	7.67	1.17	7.30	4.44	56.00	5.25	12.1	-86.7	Cloudy, Small Orange Particulates	No Odor
15:20	5	100	7.67	1.30	7.31	4.43	48.20	4.87	12.0	-87.9	Cloudy, Small Orange Particulates	No Odor
15:25	5	100	7.67	1.43	7.31	4.43	47.00	4.85	12.0	-88.0	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 Casing cap was under water - water was bailed out before opening well cap.

Well Casing Volumes

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

Well Information

Well Location:	TW-16-02	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.	30042006.0401.02	Well ID	TW-16-03			Date	2-11-20
Project Name/Location		Ford LTP		Weather	39.02 degrees F, Partly Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.62	Total Depth (ft-bmp)	18.33	Water Column (ft.)	13.71	Gallons in Well	2.23
		Pump Intake (ft-bmp)	14.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.70				
Sample Time: Label	14:46	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
Purge Start	13:40						
Purge End	14:51						

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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:45	0	100	4.65	0.00	6.94	1.35	12.60	0.75	9.0	135.0	Cloudy	No Odor
13:50	5	100	4.66	0.13	6.93	1.34	16.50	0.65	8.9	123.9	Clear, Small Orange Particulates	No Odor
13:55	5	100	4.66	0.26	6.94	1.33	14.10	0.48	9.1	108.5	Clear, Small Orange Particulates	No Odor
14:00	5	100	4.66	0.39	6.96	1.34	20.30	2.84	9.0	96.4	Clear, Small Orange Particulates	No Odor
14:05	5	100	4.66	0.52	6.95	1.34	16.20	3.36	8.9	96.7	Clear, Small Orange Particulates	No Odor
14:10	5	100	4.66	0.65	6.96	1.34	13.10	3.44	9.0	97.6	Small Orange Particulates	No Odor
14:15	5	100	4.67	0.78	6.96	1.35	12.60	3.40	8.9	100.5	Clear, Small Orange Particulates	No Odor
14:20	5	100	4.67	0.91	6.96	1.34	11.80	2.15	9.0	103.0	Clear, Small Orange Particulates	No Odor
14:25	5	100	4.67	1.04	6.96	1.35	10.10	2.82	9.0	105.4	Clear, Small Orange Particulates	No Odor
14:30	5	100	4.67	1.17	6.96	1.35	9.55	1.99	9.0	107.4	Clear, Small Orange Particulates	No Odor
14:35	5	100	4.67	1.30	6.98	1.35	9.14	2.15	8.4	109.7	Clear, Small Orange Particulates	No Odor
14:40	5	100	4.67	1.43	6.96	1.34	7.81	2.27	8.8	113.3	Clear	No Odor
14:45	5	100	4.67	1.56	6.96	1.35	8.23	2.04	8.6	116.3	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:	TW-16-03	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0401.02	Well ID	TW-16-04			Date	2-4-20
Project Name/Location		Ford LTP		Weather	35.96 degrees F, Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.95	Total Depth (ft-bmp)	18.91	Water Column (ft.)	13.96	Gallons in Well	2.27
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.69				
Sample Time: Label	11:31	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Gary Schafer
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	100	4.96	0.00	7.00	1.34	144.00	0.54	8.3	-19.6	Cloudy, Small Orange Particulates	No Odor
10:35	5	100	4.97	0.13	6.91	0.74	33.80	0.96	7.5	-18.2	Clear, Small Orange Particulates	No Odor
10:40	5	100	4.97	0.26	6.93	0.75	37.80	1.47	7.6	-20.9	Clear, Small Orange Particulates	No Odor
10:45	5	100	4.97	0.39	6.95	0.76	28.30	1.17	7.6	-21.4	Clear, Small Orange Particulates	No Odor
10:50	5	100	4.97	0.52	6.97	1.11	41.80	0.78	8.1	-24.7	Clear, Small Orange Particulates	No Odor
10:55	5	100	4.97	0.65	6.99	1.15	24.30	1.22	7.9	-30.4	Clear, Small Orange Particulates	No Odor
11:00	5	100	4.97	0.78	7.00	1.15	18.30	0.91	7.9	-33.9	Clear, Small Orange Particulates	No Odor
11:05	5	100	4.97	0.91	7.01	1.15	17.90	0.78	8.5	-38.0	Clear	No Odor
11:10	5	100	5.00	1.04	7.01	1.16	17.30	0.60	8.6	-39.9	Clear	No Odor
11:15	5	100	5.00	1.17	7.01	1.15	16.30	0.47	8.7	-42.5	Clear	No Odor
11:20	5	100	5.00	1.30	7.02	1.17	11.80	0.41	8.6	-44.8	Clear	No Odor
11:25	5	100	5.00	1.43	7.01	1.16	9.30	0.41	8.7	-46.0	Clear	No Odor
11:30	5	100	5.00	1.56	7.01	1.15	8.43	0.25	8.8	-47.6	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:	TW-16-04	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

APPENDIX C

Off-Site Groundwater Field Sampling Logs

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-72			Date	2-13-20
Project Name/Location		Ford LTP		Weather	30.02 degrees F, Light Snow and Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	15-20	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.26	Total Depth (ft-bmp)	19.65	Water Column (ft.)	12.39	Gallons in Well	2.01
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.76				
Sample Time: Label	9:30	Volume Purged	1.53 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
Purge Start	8:55						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:55	0	250	7.30	0.00	6.86	7.66	4.27	2.66	12.1	71.9	Clear	No Odor
9:00	5	150	7.28	0.33	7.03	8.12	3.03	0.42	12.0	-41.0	Clear	No Odor
9:05	5	150	7.28	0.53	7.16	8.03	2.02	0.30	11.9	-72.2	Clear	No Odor
9:10	5	150	7.28	0.73	7.18	8.01	1.85	0.30	11.7	-75.3	Clear	No Odor
9:15	5	150	7.28	0.93	7.22	7.82	1.84	0.25	12.0	-80.7	Clear	No Odor
9:20	5	150	7.28	1.13	7.27	7.62	1.54	0.17	12.1	-86.1	Clear	No Odor
9:25	5	150	7.28	1.33	7.28	7.57	1.64	0.13	12.1	-88.2	Clear	No Odor
9:30	5	150	7.28	1.53	7.30	7.53	1.47	0.10	12.1	-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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - End of road	Well Locked at Arrival:	no
Condition of Well:	Broken thread tabs, Fair	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	no

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-72S			Date	2-13-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, Light Snow and Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.45	Total Depth (ft-bmp)	13.01	Water Column (ft.)	5.56	Gallons in Well	0.90
		Pump Intake (ft-bmp)	8.95	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.60				
Sample Time: Label	10:50	Volume Purged	2.34 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
Purge Start	9:50						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:50	0	250	7.52	0.00	7.87	2.37	59.40	2.33	10.2	4.4	Clear, Small Orange Particulates	No Odor
9:55	5	150	7.48	0.33	7.54	2.45	57.70	0.91	9.6	0.9	Clear, Small Orange Particulates	No Odor
10:00	5	150	7.48	0.53	7.47	2.42	28.40	0.87	9.8	-1.3	Clear	No Odor
10:05	5	150	7.48	0.73	7.45	2.39	24.80	0.81	9.9	-0.9	Clear	No Odor
10:10	5	150	7.48	0.93	7.44	2.38	20.90	0.81	10.0	-0.2	Clear	No Odor
10:15	5	150	7.48	1.13	7.43	2.37	21.90	0.87	10.0	1.6	Clear	No Odor
10:20	5	150	7.48	1.33	7.42	2.35	15.90	0.86	10.1	5.5	Clear	No Odor
10:25	5	150	7.48	1.53	7.42	2.34	14.30	0.88	10.1	6.7	Clear	No Odor
10:30	5	150	7.48	1.54	7.41	2.33	12.30	0.89	10.0	8.8	Clear	No Odor
10:35	5	150	7.48	1.74	7.40	2.32	10.80	0.93	10.2	12.0	Clear	No Odor
10:40	5	150	7.48	1.94	7.40	2.32	10.20	0.98	10.1	14.0	Clear	No Odor
10:45	5	150	7.48	2.14	7.39	2.31	8.78	0.99	10.1	15.5	Clear	No Odor
10:50	5	150	7.48	2.34	7.39	2.31	8.03	0.97	10.0	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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - End of road	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.	30042006.0402.02	Well ID	MW-73D			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	5.41	Total Depth (ft-bmp)	17.39	Water Column (ft.)	11.98	Gallons in Well	1.95
		Pump Intake (ft-bmp)	16.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.80				
Sample Time:	Label 12:27	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
	Purge Start 11:25						
	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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:25	0	100	5.49	0.00	8.66	0.95	48.10	11.20	6.8	98.8	Small Black Particulates	No Odor
11:30	5	100	5.49	0.13	8.33	0.81	48.90	8.75	8.2	83.3	Small Black Particulates	No Odor
11:35	5	100	5.49	0.26	8.22	0.93	40.10	9.00	8.2	76.3	Small Black Particulates	No Odor
11:40	5	100	5.49	0.39	8.17	1.19	34.20	8.27	8.5	75.6	Small Black Particulates	No Odor
11:45	5	100	5.49	0.52	8.12	1.38	28.60	7.54	8.6	72.0	Small Black Particulates	No Odor
11:50	5	100	5.49	0.65	8.09	1.51	23.80	6.95	8.7	69.5	Small Black Particulates	No Odor
11:55	5	100	5.49	0.78	7.98	1.78	17.60	6.60	8.7	70.3	Clear	No Odor
12:00	5	100	5.49	0.91	7.90	2.03	15.60	6.20	8.9	70.9	Clear	No Odor
12:05	5	100	5.49	1.04	7.86	2.15	14.10	5.85	9.1	70.6	Clear	No Odor
12:10	5	100	5.49	1.17	7.79	2.37	10.70	5.72	9.0	70.6	Clear	No Odor
12:15	5	100	5.49	1.18	7.83	2.32	9.87	5.44	8.7	68.8	Clear	No Odor
12:20	5	100	5.49	1.31	7.85	2.31	10.20	4.74	8.1	70.4	Clear	No Odor
12:25	5	100	5.49	1.56	7.85	2.38	9.80	4.62	8.7	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
1,4-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

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	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 - In front of JTL America sign	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.	30042006.0402.02	Well ID	MW-73SR			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	5.43	Total Depth (ft-bmp)	12.40	Water Column (ft.)	6.97	Gallons in Well	1.13
		Pump Intake (ft-bmp)	7.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.38				
Sample Time: Label	14:27	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
Purge Start	13:25						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:25	0	100	5.43	0.00	6.81	3.20	12.10	3.41	5.7	2.0	Clear	No Odor
13:30	5	100	5.43	0.13	6.71	3.41	10.50	0.43	7.0	5.3	Clear	No Odor
13:35	5	100	5.43	0.26	6.72	3.57	5.76	0.29	7.1	-5.2	Clear	No Odor
13:40	5	100	5.43	0.39	6.71	4.50	0.02	0.23	7.0	-6.3	Clear	No Odor
13:45	5	100	5.43	0.52	6.74	5.49	0.02	0.20	7.2	0.9	Clear	No Odor
13:50	5	100	5.43	0.65	6.77	6.07	0.02	0.21	7.1	1.1	Clear	No Odor
13:55	5	100	5.43	0.78	6.80	6.33	0.02	0.17	7.2	-2.2	Clear	No Odor
14:00	5	100	5.43	0.91	6.82	6.60	0.02	0.17	7.2	-4.1	Clear	No Odor
14:05	5	100	5.43	1.04	6.83	6.84	0.02	0.15	7.3	-7.4	Clear	No Odor
14:10	5	100	5.43	1.17	6.84	6.95	0.02	0.12	7.3	-10.9	Clear	No Odor
14:15	5	100	5.43	1.30	6.86	7.25	0.02	0.12	7.3	-14.1	Clear	No Odor
14:20	5	100	5.43	1.43	6.87	7.32	0.02	0.11	7.4	-17.1	Clear	No Odor
14:25	5	100	5.43	1.56	6.88	7.41	0.02	0.12	7.3	-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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - JLT America	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-74			Date	2-7-20
Project Name/Location		Ford LTP		Weather	26.96 degrees F, 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)	6.27	Total Depth (ft-bmp)	18.78	Water Column (ft.)	12.51	Gallons in Well	2.03
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.84				
Sample Time:	Label 11:32	Volume Purged	1.70 gallons	Replicate/Code No.	DUP-04	Sampled by	Heather Woodrum
	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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	125	6.29	0.00	7.06	20.94	104.00	9.37	7.8	-44.6	Small Orange Particulates	No Odor
10:45	5	125	6.29	0.17	7.06	21.13	46.00	8.50	9.1	-80.0	Small Orange Particulates	No Odor
10:50	5	125	6.29	0.34	7.06	21.25	46.20	8.40	9.5	-88.2	Small Orange Particulates	No Odor
10:55	5	125	6.29	0.51	7.06	21.23	27.80	8.22	9.2	-85.5	Small Orange Particulates	No Odor
11:00	5	125	6.29	0.68	7.06	21.29	18.50	8.28	8.7	-82.8	Small Orange Particulates	No Odor
11:05	5	125	6.29	0.85	7.06	21.35	16.10	7.97	8.3	-81.3	Clear	No Odor
11:10	5	125	6.29	1.02	7.06	21.24	15.90	7.70	8.6	-81.2	Clear	No Odor
11:15	5	125	6.29	1.19	7.06	21.34	14.10	7.52	8.7	-81.7	Clear	No Odor
11:20	5	125	6.29	1.36	7.06	21.32	10.10	7.25	8.9	-82.8	Clear	No Odor
11:25	5	125	6.29	1.53	7.06	21.34	9.79	7.16	8.9	-83.7	Clear	No Odor
11:30	5	125	6.29	1.70	7.06	21.29	9.46	6.93	9.0	-84.9	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:	ROW - In front of business on Belden	Well Locked at Arrival:	no
Condition of Well:	Broken thread tabs	Well Locked at Departure:	no
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-74S			Date	2-7-20
Project Name/Location		Ford LTP		Weather	30.92 degrees 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)	6.26	Total Depth (ft-bmp)	12.77	Water Column (ft.)	6.51	Gallons in Well	1.06
		Pump Intake (ft-bmp)	7.80	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.47				
Sample Time: Label	13:47	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
Purge Start	12:45						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:45	0	100	6.30	0.00	6.93	11.49	24.90	2.87	6.1	94.3	Clear	No Odor
12:50	5	100	6.30	0.13	6.94	11.65	19.40	2.41	6.0	93.5	Clear	No Odor
12:55	5	100	6.30	0.26	6.89	12.63	15.10	1.84	7.6	90.8	Clear	No Odor
13:00	5	100	6.30	0.39	6.83	13.46	8.98	1.55	6.7	85.7	Clear	No Odor
13:05	5	100	6.30	0.52	6.77	14.28	6.93	1.23	6.9	62.5	Clear	No Odor
13:10	5	100	6.30	0.65	6.73	14.54	4.27	1.28	6.7	44.1	Clear	No Odor
13:15	5	100	6.30	0.78	6.77	14.40	1.94	1.23	7.1	29.1	Clear	No Odor
13:20	5	100	6.30	0.91	6.78	14.04	0.74	1.17	6.9	15.7	Clear	No Odor
13:25	5	100	6.30	1.04	6.78	13.60	0.02	1.72	7.4	7.9	Clear	No Odor
13:30	5	100	6.30	1.17	6.78	13.38	0.02	1.74	7.1	4.7	Clear	No Odor
13:35	5	100	6.30	1.30	6.77	13.07	0.02	1.47	7.0	-0.1	Clear	No Odor
13:40	5	100	6.30	1.43	6.77	13.10	0.02	1.35	7.3	-10.0	Clear	No Odor
13:45	5	100	6.30	1.56	6.76	13.08	0.02	1.25	6.9	-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
1,4-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

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-75D			Date	2-4-20
Project Name/Location		Ford LTP		Weather	35.96 degrees F, 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)	5.29	Total Depth (ft-bmp)	16.66	Water Column (ft.)	11.37	Gallons in Well	1.85
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.46				
Sample Time:	Label 12:37	Volume Purged	0.85 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
	Purge Start 12:05						
	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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:05	0	150	5.33	0.00	7.91	5.32	0.02	1.08	10.3	-107.4	Clear	No Odor
12:10	5	100	5.33	0.20	7.89	5.37	0.02	0.88	9.9	-140.5	Clear	No Odor
12:15	5	100	5.33	0.33	7.87	5.35	0.02	0.85	10.2	-154.6	Clear	No Odor
12:20	5	100	5.33	0.46	7.86	5.37	0.02	0.87	10.1	-157.3	Clear	No Odor
12:25	5	100	5.33	0.59	7.85	5.36	0.02	0.86	9.8	-158.2	Clear	No Odor
12:30	5	100	5.33	0.72	7.84	5.33	0.02	0.84	10.0	-159.0	Clear	No Odor
12:35	5	100	5.33	0.85	7.83	5.32	0.02	0.84	9.8	-157.9	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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - In front of Air Technologies sign	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.	30042006.0402.02	Well ID	MW-75SR			Date	2-4-20
Project Name/Location		Ford LTP		Weather	35.06 degrees F, 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)	5.38	Total Depth (ft-bmp)	12.37	Water Column (ft.)	6.99	Gallons in Well	1.14
		Pump Intake (ft-bmp)	7.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.68				
Sample Time: Label	13:42	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
Purge Start	13:10						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:10	0	100	5.39	0.00	8.34	0.72	0.02	0.63	7.4	2.6	Clear	No Odor
13:15	5	100	5.39	0.13	7.88	0.70	0.02	0.43	8.2	0.7	Clear	No Odor
13:20	5	100	5.39	0.26	7.65	0.69	0.02	0.33	8.2	-1.9	Clear	No Odor
13:25	5	100	5.39	0.39	7.59	0.69	0.02	0.32	8.0	-0.5	Clear	No Odor
13:30	5	100	5.39	0.52	7.57	0.69	0.02	2.84	8.0	0.6	Clear	No Odor
13:35	5	100	5.39	0.65	7.59	0.69	0.02	2.85	8.1	0.9	Clear	No Odor
13:40	5	100	5.39	0.78	7.59	0.69	0.02	2.88	8.2	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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*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 - In front of air technologies	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.	30042006.0402.02	Well ID	MW-76			Date	2-3-20
Project Name/Location		Ford LTP		Weather	33.98 degrees F, Mostly 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)	9.40	Total Depth (ft-bmp)	19.62	Water Column (ft.)	10.22	Gallons in Well	1.66
		Pump Intake (ft-bmp)	17.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.55				
Sample Time:	Label 10:28	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
	Purge Start 9:50						
	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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:50	0	100	9.42	0.00	7.31	20.46	0.02	4.00	11.8	125.2	Clear	No Odor
9:55	5	100	9.42	0.13	7.38	19.58	0.95	2.93	11.4	107.9	Clear	No Odor
10:00	5	100	9.42	0.26	7.43	18.57	0.02	2.64	11.6	92.1	Clear	No Odor
10:05	5	100	9.42	0.39	7.47	18.14	0.02	2.53	11.5	83.6	Clear	No Odor
10:10	5	100	9.42	0.52	7.49	17.55	0.02	2.35	11.7	75.0	Clear	No Odor
10:15	5	100	9.42	0.65	7.49	16.90	0.02	2.62	11.5	70.5	Clear	No Odor
10:20	5	100	9.42	0.78	7.50	16.77	0.02	2.51	11.4	64.5	Clear	No Odor
10:25	5	100	9.42	0.91	7.50	16.43	0.02	2.58	11.4	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	1.25" = 0.06	1.5" = 0.09	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 - MW-76	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-76S			Date	2-3-20
Project Name/Location		Ford LTP		Weather	44.96 degrees F, Mostly 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)	9.24	Total Depth (ft-bmp)	14.15	Water Column (ft.)	4.91	Gallons in Well	0.80
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.86				
Sample Time: Label	13:57	Volume Purged	2.29 gallons	Replicate/Code No.	MW-76S_MS_020320, MW-76S_MSD_020320	Sampled by	Heather Woodrum
Purge Start	12:56						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:55	0	100	9.24	0.00	7.84	5.29	112.00	2.76	11.0	96.5	Small Black Particulates	No Odor
13:00	6	150	9.24	0.16	7.63	5.27	101.00	1.80	11.2	89.9	Small Black Particulates	No Odor
13:05	5	150	9.24	0.36	7.58	5.27	80.60	1.76	10.9	81.4	Small Black Particulates	No Odor
13:10	5	150	9.24	0.56	7.56	5.33	62.60	1.65	11.0	73.9	Small Black Particulates	No Odor
13:15	5	150	9.24	0.76	7.55	5.33	55.30	1.58	11.2	66.2	Small Black Particulates	No Odor
13:20	5	150	9.24	0.96	7.55	5.34	49.10	1.47	11.1	59.2	Small Black Particulates	No Odor
13:25	5	150	9.24	1.16	7.56	5.38	32.80	1.47	10.9	55.0	Clear	No Odor
13:30	5	150	9.24	1.29	7.54	5.85	18.40	1.00	11.0	45.6	Clear	No Odor
13:35	5	150	9.24	1.49	7.54	6.09	6.82	0.83	11.1	41.4	Clear	No Odor
13:40	5	150	9.24	1.69	7.54	6.23	6.38	0.74	11.1	37.2	Clear	No Odor
13:45	5	150	9.24	1.89	7.54	6.35	5.11	0.67	11.2	33.0	Clear	No Odor
13:50	5	150	9.24	2.09	7.54	6.45	3.10	0.66	11.1	29.7	Clear	No Odor
13:55	5	150	9.24	2.29	7.54	6.46	1.95	0.68	11.3	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	*1.5" = 0.09*	*2.5" = 0.26*	*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 - Corner of Novastar	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.	30042006.0402.02	Well ID	MW-77			Date	2-13-20
Project Name/Location		Ford LTP		Weather	32.00 degrees F, Light Snow and Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	9-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.50	Total Depth (ft-bmp)	13.71	Water Column (ft.)	9.21	Gallons in Well	1.50
		Pump Intake (ft-bmp)	11.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.28				
Sample Time: Label	13:35	Volume Purged	1.92 gallons	Replicate/Code No.	MW-77-MS / MW-77-MSD	Sampled by	Jonathon Lust
Purge Start	12:55						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:55	0	180	4.50	0.00	7.46	0.83	1.09	1.21	8.1	253.4	Clear	No Odor
13:00	5	180	4.49	0.24	7.73	0.90	0.02	0.32	8.4	229.2	Clear	No Odor
13:05	5	180	4.49	0.48	7.71	0.93	0.02	0.25	8.2	215.1	Clear	No Odor
13:10	5	180	4.50	0.72	7.70	0.93	0.02	0.26	8.4	189.2	Clear	No Odor
13:15	5	180	4.50	0.96	7.70	0.93	0.02	0.23	8.3	160.1	Clear	No Odor
13:20	5	180	4.50	1.20	7.69	0.93	0.02	0.19	8.4	147.1	Clear	No Odor
13:25	5	180	4.50	1.44	7.69	0.93	0.02	0.19	8.5	131.4	Clear	No Odor
13:30	5	180	4.50	1.68	7.68	0.93	0.02	0.16	8.6	126.3	Clear	No Odor
13:35	5	180	4.50	1.92	7.69	0.92	0.02	0.17	8.5	123.6	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
1,4-dioxane	40 mL Glass	9	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	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 - 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.	30042006.0402.02	Well ID	MW-77S			Date	2-13-20
Project Name/Location		Ford LTP		Weather	32.00 degrees F, Light Snow 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)	4.37	Total Depth (ft-bmp)	12.16	Water Column (ft.)	7.79	Gallons in Well	1.27
		Pump Intake (ft-bmp)	5.87	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.89				
Sample Time: Label	12:35	Volume Purged	2.40 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
Purge Start	11:45						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:45	0	180	4.37	0.00	7.66	0.49	0.02	1.32	7.0	254.2	Clear	No Odor
11:50	5	180	4.38	0.24	7.75	0.49	0.02	0.98	7.1	250.2	Clear	No Odor
11:55	5	180	4.39	0.48	7.74	0.49	0.02	0.67	7.3	241.9	Clear	No Odor
12:00	5	180	4.39	0.72	7.73	0.49	0.02	0.60	7.4	248.1	Clear	No Odor
12:05	5	180	4.39	0.96	7.72	0.50	0.02	0.53	7.5	247.4	Clear	No Odor
12:10	5	180	4.39	1.20	7.70	0.51	0.02	0.48	7.6	247.1	Clear	No Odor
12:15	5	180	4.39	1.44	7.69	0.55	0.02	0.40	7.8	245.8	Clear	No Odor
12:20	5	180	4.39	1.68	7.69	0.59	0.02	0.35	7.9	242.0	Clear	No Odor
12:25	5	180	4.39	1.92	7.68	0.62	0.02	0.34	7.8	235.1	Clear	No Odor
12:30	5	180	4.39	2.16	7.68	0.62	0.02	0.32	7.9	229.5	Clear	No Odor
12:35	5	180	4.39	2.40	7.66	0.63	0.02	0.27	7.9	226.4	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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - 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.	30042006.0402.02	Well ID	MW-78			Date	2-12-20
Project Name/Location		Ford LTP		Weather	30.02 degrees F, 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)	1.80	Total Depth (ft-bmp)	11.78	Water Column (ft.)	9.98	Gallons in Well	1.62
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.07				
Sample Time: Label	13:00	Volume Purged	1.73 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:20	0	250	1.82	0.00	7.28	4.84	98.70	0.83	7.8	-48.7	Clear, Small Orange Particulates	No Odor
12:25	5	150	1.80	0.33	7.25	4.72	19.10	0.49	6.9	-65.1	Clear, Small Orange Particulates	No Odor
12:30	5	150	1.79	0.53	7.27	4.60	11.90	0.33	6.7	-75.0	Clear, Small Orange Particulates	No Odor
12:35	5	150	1.80	0.73	7.29	4.28	10.70	0.25	7.1	-79.9	Clear, Small Orange Particulates	No Odor
12:40	5	150	1.80	0.93	7.30	4.09	10.10	0.23	7.1	-81.7	Clear, Small Orange Particulates	No Odor
12:45	5	150	1.80	1.13	7.30	3.90	6.10	0.22	7.1	-82.7	Clear, Small Orange Particulates	No Odor
12:50	5	150	1.80	1.33	7.31	3.86	4.98	0.25	7.2	-82.7	Clear, Small Orange Particulates	No Odor
12:55	5	150	1.80	1.53	7.31	3.79	4.23	0.25	7.0	-82.9	Clear, Small Orange Particulates	No Odor
13:00	5	150	1.80	1.73	7.31	3.75	3.32	0.28	7.0	-83.1	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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - 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.	30042006.0402.02	Well ID	MW-78S			Date	2-12-20
Project Name/Location		Ford LTP		Weather	30.02 degrees F, 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)	2.10	Total Depth (ft-bmp)	12.40	Water Column (ft.)	10.30	Gallons in Well	1.67
		Pump Intake (ft-bmp)	3.60	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.44				
Sample Time: Label	12:49	Volume Purged	2.40 gallons	Replicate/Code No.	--	Sampled by	Madison Olender
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:48	0	150	2.10	0.00	7.72	0.57	0.11	0.86	4.8	130.9	Clear	No Odor
11:53	5	150	2.10	0.20	7.54	0.57	0.07	0.21	5.2	113.0	Clear	No Odor
11:58	5	150	2.10	0.40	7.52	0.62	0.02	0.15	5.4	104.1	Clear	No Odor
12:03	5	150	2.10	0.60	7.50	0.65	0.02	0.11	5.5	91.2	Clear	No Odor
12:08	5	150	2.10	0.80	7.49	0.72	0.02	0.10	5.6	66.0	Clear	No Odor
12:13	5	150	2.10	1.00	7.47	0.82	0.02	0.10	5.7	11.1	Clear	No Odor
12:18	5	150	2.10	1.20	7.45	1.03	0.02	0.10	5.6	-25.8	Clear	No Odor
12:23	5	150	2.10	1.40	7.44	1.24	0.02	0.12	5.7	-41.5	Clear	No Odor
12:28	5	150	2.10	1.60	7.43	1.47	0.02	0.13	5.6	-49.2	Clear	No Odor
12:33	5	150	2.10	1.80	7.43	1.63	0.02	0.09	5.7	-56.0	Clear	No Odor
12:38	5	150	2.10	2.00	7.43	1.74	0.02	0.09	5.7	-61.2	Clear	No Odor
12:43	5	150	2.10	2.20	7.11	1.88	0.02	0.10	5.7	-65.9	Clear	No Odor
12:48	5	150	2.10	2.40	7.44	1.97	0.02	0.07	5.8	-68.7	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

None

Well Casing Volumes

Gallons/Foot				
1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - 34591 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.	30042006.0402.02	Well ID	MW-79D			Date	2-11-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	3.92	Total Depth (ft-bmp)	14.63	Water Column (ft.)	10.72	Gallons in Well	1.74
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.90				
Sample Time: Label	10:17	Volume Purged	1.56 gallons	Replicate/Code No.	DUP-08	Sampled by	Heather Woodrum
Purge Start	9:15						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:15	0	100	3.95	0.00	7.00	7.23	118.00	2.04	6.3	22.5	Cloudy, Small Orange Particulates	No Odor
9:20	5	100	3.95	0.13	7.02	7.21	114.00	0.38	7.4	-2.6	Cloudy, Small Orange Particulates	No Odor
9:25	5	100	3.95	0.26	7.03	7.21	101.00	0.28	7.2	-14.6	Cloudy, Small Orange Particulates	No Odor
9:30	5	100	3.95	0.39	7.04	7.16	78.40	0.23	7.4	-22.2	Cloudy, Small Orange Particulates	No Odor
9:35	5	100	3.95	0.52	7.04	7.29	66.70	0.21	7.4	-29.1	Cloudy, Small Orange Particulates	No Odor
9:40	5	100	3.95	0.65	7.05	7.29	65.30	0.19	7.4	-33.6	Cloudy	No Odor
9:45	5	100	3.95	0.78	7.05	7.29	55.20	0.17	7.4	-38.2	Cloudy	No Odor
9:50	5	100	3.95	0.91	7.05	7.28	49.70	0.16	7.4	-41.6	Cloudy	No Odor
9:55	5	100	3.95	1.04	7.05	7.31	43.20	0.14	7.5	-45.1	Cloudy	No Odor
10:00	5	100	3.95	1.17	7.05	7.33	39.40	0.14	7.5	-46.1	Cloudy	No Odor
10:05	5	100	3.95	1.30	7.05	7.35	35.00	0.13	7.5	-47.6	Clear	No Odor
10:10	5	100	3.95	1.43	7.05	7.36	33.50	0.12	7.6	-48.7	Clear	No Odor
10:15	5	100	3.95	1.56	7.05	7.39	29.70	0.10	7.6	-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
1,4-dioxane	40 mL Glass	6	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	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 in line with side of 12100	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-79SR			Date	2-11-20
Project Name/Location		Ford LTP		Weather	30.02 degrees F, 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)	3.78	Total Depth (ft-bmp)	12.25	Water Column (ft.)	8.47	Gallons in Well	1.38
		Pump Intake (ft-bmp)	5.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.76				
Sample Time: Label	11:37	Volume Purged	1.05 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
Purge Start	10:50						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	100	3.80	0.00	9.58	1.26	1.40	2.85	4.9	-94.2	Clear	No Odor
10:55	5	100	3.80	0.13	8.54	1.20	0.02	2.49	5.7	-22.3	Clear	No Odor
11:00	5	100	3.80	0.26	7.73	1.20	0.02	2.36	6.0	-4.8	Clear	No Odor
11:05	5	100	3.80	0.39	7.35	1.20	0.02	2.18	6.2	7.1	Clear	No Odor
11:10	5	100	3.80	0.40	7.28	1.20	0.02	2.06	6.1	12.4	Clear	No Odor
11:15	5	100	3.80	0.53	7.24	1.25	0.02	1.60	6.0	16.7	Clear	No Odor
11:20	5	100	3.80	0.66	7.23	1.50	0.02	0.92	6.3	6.5	Clear	No Odor
11:25	5	100	3.80	0.79	7.17	1.53	0.02	0.49	6.4	-9.8	Clear	No Odor
11:30	5	100	3.80	0.92	7.13	1.51	0.02	0.36	6.4	-10.7	Clear	No Odor
11:35	5	100	3.80	1.05	7.11	1.55	0.02	0.41	6.5	-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
1,4-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 None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *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 - In line with North window	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-80SR			Date	2-4-20
Project Name/Location		Ford LTP		Weather	35.06 degrees F, 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)	1.35	Total Depth (ft-bmp)	12.25	Water Column (ft.)	10.90	Gallons in Well	1.77
		Pump Intake (ft-bmp)	3.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.66				
Sample Time:	Label 14:27	Volume Purged	1.16 gallons	Replicate/Code No.	DUP-11	Sampled by	Madison Olender
	Purge Start 13:54						
	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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:55	0	150	1.35	0.00	7.01	2.13	29.80	1.42	5.1	43.5	Small Orange Particulates	No Odor
14:00	5	150	1.35	0.20	7.05	2.24	12.70	0.24	5.3	-2.5	Clear	No Odor
14:05	5	150	1.35	0.40	7.06	2.40	5.41	0.10	5.9	-19.7	Clear	No Odor
14:10	5	150	1.35	0.60	7.06	2.40	3.55	0.10	6.0	-25.9	Clear	No Odor
14:15	5	150	1.35	0.80	7.04	2.37	1.45	0.09	6.0	-26.9	Clear	No Odor
14:20	5	150	1.35	1.00	7.02	2.33	0.70	0.06	5.9	-30.4	Clear	No Odor
14:25	5	150	1.35	1.16	7.01	2.30	0.46	0.05	5.9	-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
1,4-dioxane	40 mL Glass	6	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	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 - 12088 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.	30042006.0402.02	Well ID	MW-81			Date	2-11-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	6.01	Total Depth (ft-bmp)	12.68	Water Column (ft.)	6.67	Gallons in Well	1.08
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.67				
Sample Time: Label	9:50	Volume Purged	1.80 gallons	Replicate/Code No.	--	Sampled by	Madison Olender
Purge Start	9:03						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:04	0	150	6.01	0.00	7.35	1.76	2.46	3.63	8.1	215.0	Clear	No Odor
9:09	5	150	6.01	0.20	7.25	1.78	2.21	0.55	8.7	189.1	Clear	No Odor
9:14	5	150	6.01	0.40	7.26	1.78	1.31	0.49	8.3	178.1	Clear	No Odor
9:19	5	150	6.01	0.60	7.26	1.79	3.07	0.41	8.3	166.2	Clear	No Odor
9:24	5	150	6.01	0.80	7.25	1.79	0.95	0.37	8.3	151.3	Clear	No Odor
9:29	5	150	6.01	1.00	7.26	1.79	0.84	0.40	8.4	135.8	Clear	No Odor
9:34	5	150	6.01	1.20	7.25	1.80	0.63	0.35	8.4	122.1	Clear	No Odor
9:39	5	150	6.01	1.40	7.26	1.80	0.46	0.33	8.4	115.0	Clear	No Odor
9:44	5	150	6.01	1.60	7.27	1.79	0.39	0.37	8.3	111.8	Clear	No Odor
9:49	5	150	6.01	1.80	7.26	1.82	0.80	0.32	8.5	105.3	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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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.	30042006.0402.02	Well ID	MW-81S			Date	2-11-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	6.28	Total Depth (ft-bmp)	12.54	Water Column (ft.)	6.26	Gallons in Well	1.02
		Pump Intake (ft-bmp)	7.78	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.89				
Sample Time: Label	9:50	Volume Purged	1.93 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
Purge Start	9:05						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:05	0	250	6.42	0.00	7.38	2.06	202.00	1.51	8.0	7.8	Black, Cloudy, Small Orange Particulates	No Odor
9:10	5	150	6.48	0.33	7.29	2.05	67.50	1.39	7.1	13.1	Clear, Small Orange Particulates	No Odor
9:15	5	150	6.54	0.53	7.27	2.06	41.90	2.11	7.0	16.0	Clear, Small White Particulates	No Odor
9:20	5	150	6.55	0.73	7.27	2.06	28.10	2.31	6.7	18.9	Clear, Small White Particulates	No Odor
9:25	5	150	6.56	0.93	7.26	2.05	20.30	2.42	6.7	21.0	Clear, Small White Particulates	No Odor
9:30	5	150	6.58	1.13	7.23	2.05	17.60	2.86	6.9	22.2	Clear, Small White Particulates	No Odor
9:35	5	150	6.59	1.33	7.23	2.05	15.70	2.69	6.8	22.6	Clear, Small White Particulates	No Odor
9:40	5	150	6.59	1.53	7.23	2.05	12.70	2.31	6.9	23.5	Clear, Small White Particulates	No Odor
9:45	5	150	6.60	1.73	7.22	2.05	12.30	2.41	7.0	23.9	Clear, Small White Particulates	No Odor
9:50	5	150	6.61	1.93	7.22	2.04	11.50	2.29	7.1	24.3	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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - Front corner yard	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-82D			Date	2-11-20
Project Name/Location		Ford LTP		Weather	30.02 degrees F, 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)	7.25	Total Depth (ft-bmp)	22.73	Water Column (ft.)	15.48	Gallons in Well	2.52
		Pump Intake (ft-bmp)	20.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.56				
Sample Time: Label	11:10	Volume Purged	1.40 gallons	Replicate/Code No.	MW-82D-MS_021120, MW-82D-MSD_021120	Sampled by	Ellen Redner
Purge Start	10:35						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:35	0	150	7.29	0.00	7.30	1.25	20.80	0.85	8.7	10.9	Clear, Small Orange Particulates	No Odor
10:40	5	150	7.30	0.20	7.26	1.26	15.60	0.83	8.7	8.3	Clear, Small Orange Particulates	No Odor
10:45	5	150	7.29	0.40	7.23	1.27	18.90	0.52	8.5	-6.9	Clear, Small Orange Particulates	No Odor
10:50	5	150	7.29	0.60	7.22	1.28	17.40	0.41	8.9	-20.2	Clear, Small Orange Particulates	No Odor
10:55	5	150	7.29	0.80	7.20	1.34	18.10	0.21	9.2	-40.5	Clear, Small Orange Particulates	No Odor
11:00	5	150	7.29	1.00	7.19	1.35	12.40	0.18	9.2	-44.2	Clear, Small Orange Particulates	No Odor
11:05	5	150	7.29	1.20	7.19	1.35	11.40	0.12	9.3	-48.7	Clear, Small Orange Particulates	No Odor
11:10	5	150	7.29	1.40	7.19	1.36	11.70	0.17	9.4	-49.5	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
1,4-dioxane	40 mL Glass	9	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	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 - Front yard by road	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-82SR			Date	2-11-20
Project Name/Location		Ford LTP		Weather	30.02 degrees F, 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)	7.05	Total Depth (ft-bmp)	16.12	Water Column (ft.)	9.07	Gallons in Well	1.47
		Pump Intake (ft-bmp)	8.55	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.95				
Sample Time: Label	11:11	Volume Purged	1.40 gallons	Replicate/Code No.	--	Sampled by	Madison Olender
Purge Start	10:34						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:35	0	150	7.05	0.00	7.24	1.27	3.93	7.06	7.0	180.9	Clear	No Odor
10:40	5	150	7.05	0.20	7.16	1.24	2.99	6.84	6.7	180.2	Clear	No Odor
10:45	5	150	7.05	0.40	7.13	1.28	2.71	5.85	6.8	183.8	Clear	No Odor
10:50	5	150	7.05	0.60	7.12	1.29	2.63	5.38	7.1	185.6	Clear	No Odor
10:55	5	150	7.05	0.80	7.11	1.33	2.52	4.95	7.2	188.2	Clear	No Odor
11:00	5	150	7.05	1.00	7.11	1.34	2.39	4.69	7.2	190.0	Clear	No Odor
11:05	5	150	7.05	1.20	7.11	1.35	0.45	4.35	7.4	192.1	Clear	No Odor
11:10	5	150	7.05	1.40	7.11	1.35	0.30	4.31	7.3	194.4	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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*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.	30042006.0402.02	Well ID	MW-83			Date	2-11-20
Project Name/Location		Ford LTP		Weather	35.06 degrees F, Mostly 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)	6.42	Total Depth (ft-bmp)	12.40	Water Column (ft.)	5.98	Gallons in Well	0.97
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.37				
Sample Time: Label	13:00	Volume Purged	1.33 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
Purge Start	12:30						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:30	0	250	6.47	0.00	7.27	1.64	3.38	1.83	8.8	31.1	Clear, Small White Particulates	No Odor
12:35	5	150	6.45	0.33	7.22	1.69	2.99	0.86	8.7	31.2	Clear, Small White Particulates	No Odor
12:40	5	150	6.45	0.53	7.20	1.76	3.66	0.38	9.4	32.7	Clear, Small White Particulates	No Odor
12:45	5	150	6.45	0.73	7.20	1.80	3.67	0.71	9.3	33.8	Clear, Small White Particulates	No Odor
12:50	5	150	6.45	0.93	7.20	1.86	2.01	0.45	9.4	34.8	Clear, Small White Particulates	No Odor
12:55	5	150	6.45	1.13	7.20	1.88	2.35	0.34	9.5	35.3	Clear, Small White Particulates	No Odor
13:00	5	150	6.45	1.33	7.20	1.90	2.05	0.32	9.3	35.8	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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - 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.	30042006.0402.02	Well ID	MW-83S			Date	2-11-20
Project Name/Location		Ford LTP		Weather	35.96 degrees F, 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)	6.59	Total Depth (ft-bmp)	12.70	Water Column (ft.)	6.11	Gallons in Well	0.99
		Pump Intake (ft-bmp)	8.09	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.62				
Sample Time: Label	13:22	Volume Purged	1.60 gallons	Replicate/Code No.	--	Sampled by	Madison Olender
Purge Start	12:39						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:40	0	150	6.59	0.00	8.04	0.86	2.07	3.22	8.2	217.3	Clear	No Odor
12:45	5	150	6.59	0.20	8.40	0.92	1.56	1.77	8.4	221.2	Clear	No Odor
12:50	5	150	6.59	0.40	7.47	1.10	1.14	0.69	8.5	222.5	Clear	No Odor
12:55	5	150	6.59	0.60	7.30	1.25	1.10	0.53	8.6	221.6	Clear	No Odor
13:00	5	150	6.59	0.80	7.28	1.42	0.65	0.50	8.5	221.0	Clear	No Odor
13:05	5	150	6.59	1.00	7.27	1.67	0.32	0.57	8.5	222.7	Clear	No Odor
13:10	5	150	6.59	1.20	7.28	1.80	0.20	0.59	8.4	222.4	Clear	No Odor
13:15	5	150	6.59	1.40	7.29	1.81	0.15	0.59	8.6	221.2	Clear	No Odor
13:20	5	150	6.59	1.60	7.30	1.82	0.08	0.58	8.5	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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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

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SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-84			Date	2-12-20
Project Name/Location		Ford LTP		Weather	30.02 degrees F, Partly 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)	3.07	Total Depth (ft-bmp)	12.57	Water Column (ft.)	9.50	Gallons in Well	1.54
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.94				
Sample Time: Label	12:20	Volume Purged	1.44 gallons	Replicate/Code No.	MW-84-MS / MW-85S-MSD	Sampled by	Jonathon Lust
Purge Start	11:50						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:50	0	180	3.07	0.00	7.24	2.73	2.28	180.00	8.6	176.4	Clear	No Odor
11:55	5	180	3.05	0.24	7.35	2.85	3.25	0.48	8.5	161.8	Clear	No Odor
12:00	5	180	3.05	0.48	7.35	2.89	1.64	0.45	8.8	158.9	Clear	No Odor
12:05	5	180	3.05	0.72	7.34	2.89	1.82	0.36	8.7	156.6	Clear	No Odor
12:10	5	180	3.05	0.96	7.33	2.88	1.28	0.28	8.7	154.4	Clear	No Odor
12:15	5	180	3.05	1.20	7.32	2.89	1.37	0.27	8.8	152.3	Clear	No Odor
12:20	5	180	3.05	1.44	7.32	2.88	1.24	0.16	8.8	149.7	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	9	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	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 - 15 feet from bushes	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-84S			Date	2-12-20
Project Name/Location		Ford LTP		Weather	30.92 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)	3.20	Total Depth (ft-bmp)	12.71	Water Column (ft.)	9.51	Gallons in Well	1.55
		Pump Intake (ft-bmp)	4.70	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.08				
Sample Time: Label	13:25	Volume Purged	1.68 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
Purge Start	12:50						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:50	0	180	3.20	0.00	8.17	0.44	1.14	8.67	6.3	167.2	Clear	No Odor
12:55	5	180	3.21	0.24	8.12	0.37	1.05	8.11	6.3	181.8	Clear	No Odor
13:00	5	180	3.22	0.48	8.23	0.35	1.04	8.17	6.2	187.6	Clear	No Odor
13:05	5	180	3.22	0.72	8.28	0.34	0.98	8.00	6.2	194.2	Clear	No Odor
13:10	5	180	3.22	0.96	8.29	0.34	1.75	7.75	6.0	202.3	Clear	No Odor
13:15	5	180	3.22	1.20	7.73	0.34	1.15	7.73	6.2	209.5	Clear	No Odor
13:20	5	180	3.22	1.44	7.74	0.35	2.22	7.68	6.1	216.5	Clear	No Odor
13:25	5	180	3.22	1.68	7.74	0.35	1.58	7.77	6.2	213.7	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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - 15 feet from bushes	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-85			Date	2-3-20
Project Name/Location		Ford LTP		Weather	42.98 degrees F, Mostly 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)	4.38	Total Depth (ft-bmp)	12.69	Water Column (ft.)	8.31	Gallons in Well	1.35
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.48				
Sample Time: Label	12:50	Volume Purged	2.00 gallons	Replicate/Code No.	DUP-05	Sampled by	Madison Olender
Purge Start	11:56						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:57	0	150	4.38	0.00	7.14	3.55	22.60	1.36	7.8	34.7	Clear, Small Orange Particulates	No Odor
12:02	5	150	4.38	0.20	7.14	3.55	38.70	0.26	7.7	-26.9	Clear, Small Orange Particulates	No Odor
12:07	5	150	4.38	0.40	7.15	3.54	31.10	0.20	7.6	-45.7	Clear, Small White Particulates	No Odor
12:12	5	150	4.38	0.60	7.16	3.52	27.40	0.20	7.5	-53.2	Clear, Small White Particulates	No Odor
12:17	5	150	4.38	0.80	7.17	3.40	23.60	0.23	7.4	-57.9	Clear	No Odor
12:22	5	150	4.38	1.00	7.17	3.36	18.60	0.36	7.3	-58.2	Clear	No Odor
12:27	5	150	4.38	1.20	7.17	3.33	14.70	0.40	7.3	-57.7	Clear	No Odor
12:32	5	150	4.38	1.40	7.17	3.30	10.90	0.43	7.3	-57.5	Clear	No Odor
12:37	5	150	4.38	1.60	7.17	3.26	9.64	0.36	7.3	-57.6	Clear	No Odor
12:42	5	150	4.38	1.80	7.17	3.23	8.94	0.34	7.3	-57.9	Clear	No Odor
12:47	5	150	4.38	2.00	7.17	3.20	8.77	0.26	7.3	-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
1,4-dioxane	40 mL Glass	6	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	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 - Rosati near turn in road	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-85SR			Date	2-3-20
Project Name/Location		Ford LTP		Weather	33.98 degrees F, Mostly 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)	4.55	Total Depth (ft-bmp)	8.45	Water Column (ft.)	3.90	Gallons in Well	0.63
		Pump Intake (ft-bmp)	6.05	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.54				
Sample Time: Label	10:57	Volume Purged	1.60 gallons	Replicate/Code No.	--	Sampled by	Madison Olender
Purge Start	10:14						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	150	4.55	0.00	6.98	2.24	40.00	0.62	5.6	81.5	Clear, Small Black Particulates	No Odor
10:20	5	150	4.55	0.20	7.03	2.17	7.48	0.63	5.6	39.1	Clear	No Odor
10:25	5	150	4.55	0.40	7.06	2.20	2.85	0.77	5.5	15.9	Clear	No Odor
10:30	5	150	4.55	0.60	7.08	2.23	2.30	0.80	5.5	4.6	Clear	No Odor
10:35	5	150	4.55	0.80	7.09	2.26	1.84	0.80	5.5	-2.6	Clear	No Odor
10:40	5	150	4.55	1.00	7.09	2.28	1.49	0.93	5.5	-5.3	Clear	No Odor
10:45	5	150	4.55	1.20	7.10	2.30	1.21	1.00	5.5	-6.5	Clear	No Odor
10:50	5	150	4.55	1.40	7.10	2.31	0.96	1.03	5.5	-7.2	Clear	No Odor
10:55	5	150	4.55	1.60	7.11	2.30	0.59	0.94	5.6	-10.0	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
1,4-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

Vault was full of water. Removed all water prior to opening 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:	ROW - Rosati near turn in road	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-86			Date	2-11-20
Project Name/Location		Ford LTP		Weather	35.96 degrees F, 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)	6.07	Total Depth (ft-bmp)	16.61	Water Column (ft.)	10.54	Gallons in Well	1.71
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.48				
Sample Time:	Label 16:50	Volume Purged	2.53 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
	Purge Start 15:50						
	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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:50	0	250	6.11	0.00	7.44	0.78	170.00	1.44	10.2	30.1	Cloudy, Orange, Small Orange Particulates	No Odor
15:55	5	150	6.10	0.33	7.33	0.89	73.70	0.75	9.8	11.9	Cloudy, Small Orange Particulates	No Odor
16:00	5	150	6.10	0.53	7.30	0.92	53.30	0.57	9.8	-8.6	Clear, Small Orange Particulates	No Odor
16:05	5	150	6.10	0.73	7.27	0.98	38.40	0.43	10.0	-34.7	Clear, Small Orange Particulates	No Odor
16:10	5	150	6.10	0.93	7.28	1.04	20.40	0.38	9.9	-50.2	Clear, Small Orange Particulates	No Odor
16:15	5	150	6.10	1.13	7.27	1.06	14.00	0.43	9.8	-56.8	Clear, Small Orange Particulates	No Odor
16:20	5	150	6.10	1.33	7.30	1.04	9.66	0.59	9.4	-65.3	Clear, Small Orange Particulates	No Odor
16:25	5	150	6.10	1.53	7.28	1.13	5.51	0.73	9.0	-76.9	Clear, Small Orange Particulates	No Odor
16:30	5	150	6.10	1.73	7.30	1.06	4.21	0.85	8.7	-84.6	Clear, Small Orange Particulates	No Odor
16:35	5	150	6.10	1.93	7.31	1.02	5.13	1.05	9.2	-88.6	Clear, Small Orange Particulates	No Odor
16:40	5	150	6.10	2.13	7.32	1.01	5.05	1.08	9.6	-92.5	Clear, Small Orange Particulates	No Odor
16:45	5	150	6.10	2.33	7.32	1.01	4.64	1.14	9.7	-95.8	Clear, Small Orange Particulates	No Odor
16:50	5	150	6.10	2.53	7.33	0.99	4.20	1.07	9.7	-96.7	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
1,4-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

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	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 - 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.	30042006.0402.02	Well ID	MW-86S			Date	2-11-20
Project Name/Location		Ford LTP		Weather	35.96 degrees F, 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)	6.28	Total Depth (ft-bmp)	12.35	Water Column (ft.)	6.07	Gallons in Well	0.99
		Pump Intake (ft-bmp)	7.78	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.21				
Sample Time:	Label 16:22	Volume Purged	1.20 gallons	Replicate/Code No.	--	Sampled by	Madison Olender
	Purge Start 15:50						
	Purge End 16:27						

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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:51	0	150	6.28	0.00	7.84	0.41	3.43	11.09	8.3	233.1	Clear	No Odor
15:56	5	150	6.28	0.20	7.75	0.41	1.96	8.00	8.2	234.2	Clear	No Odor
16:01	5	150	6.28	0.40	7.71	0.41	1.05	7.07	8.4	236.2	Clear	No Odor
16:06	5	150	6.28	0.60	7.71	0.41	1.29	6.71	8.5	237.1	Clear	No Odor
16:11	5	150	6.28	0.80	7.69	0.42	2.13	6.42	8.5	239.1	Clear	No Odor
16:16	5	150	6.28	1.00	7.60	0.42	2.40	6.28	8.5	239.8	Clear	No Odor
16:21	5	150	6.28	1.20	7.69	0.42	1.88	5.98	8.6	241.0	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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*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 - 34891 wadsworth	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.	30042006.0402.02	Well ID	MW-87			Date	2-12-20
Project Name/Location		Ford LTP		Weather	26.96 degrees F, Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	9.15	Total Depth (ft-bmp)	18.83	Water Column (ft.)	9.68	Gallons in Well	1.57
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.07				
Sample Time:	Label 10:10	Volume Purged	1.68 gallons	Replicate/Code No.	MW-87-MS / MW-87-MSD	Sampled by	Jonathon Lust
	Purge Start 9:35						
	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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:35	0	180	9.15	0.00	6.61	0.24	4.42	10.95	5.8	226.7	Clear	No Odor
9:40	5	180	9.16	0.24	7.02	0.24	3.34	10.04	6.7	232.4	Clear	No Odor
9:45	5	180	9.16	0.48	7.51	0.22	1.34	9.89	6.7	202.3	Clear	No Odor
9:50	5	180	9.16	0.72	7.58	0.22	1.09	9.90	6.8	198.4	Clear	No Odor
9:55	5	180	9.16	0.96	7.74	0.22	0.77	9.80	6.8	189.9	Clear	No Odor
10:00	5	180	9.16	1.20	7.83	0.22	1.53	9.89	6.8	185.1	Clear	No Odor
10:05	5	180	9.16	1.44	7.88	0.22	0.30	9.92	7.0	178.2	Clear	No Odor
10:10	5	180	9.16	1.68	7.91	0.22	0.17	9.83	6.8	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
1,4-dioxane	40 mL Glass	9	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	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 - 15 feet north of tree	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-87S			Date	2-12-20
Project Name/Location		Ford LTP		Weather	26.96 degrees F, Fog/Mist		
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)	8.90	Total Depth (ft-bmp)	14.12	Water Column (ft.)	5.22	Gallons in Well	0.85
		Pump Intake (ft-bmp)	10.40	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.69				
Sample Time:	Label 11:15	Volume Purged	1.44 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
	Purge Start 10:45						
	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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:45	0	180	8.90	0.00	7.74	0.22	4.38	10.09	6.4	211.9	Clear	No Odor
10:50	5	180	8.95	0.24	8.01	0.22	2.39	10.09	6.5	202.4	Clear	No Odor
10:55	5	180	8.92	0.48	7.98	0.22	2.12	9.94	6.6	205.1	Clear	No Odor
11:00	5	180	8.93	0.72	7.95	0.22	1.66	10.03	6.7	209.7	Clear	No Odor
11:05	5	180	8.93	0.96	7.93	0.22	1.78	10.01	6.6	215.9	Clear	No Odor
11:10	5	180	9.93	1.20	7.92	0.22	1.12	10.02	6.6	219.5	Clear	No Odor
11:15	5	180	8.93	1.44	7.91	0.22	1.43	10.14	6.6	223.1	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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - 10 ft in front of tree	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-96S			Date	2-13-20
Project Name/Location		Ford LTP		Weather	32.00 degrees F, Light Snow 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)	4.80	Total Depth (ft-bmp)	12.10	Water Column (ft.)	7.30	Gallons in Well	1.19
		Pump Intake (ft-bmp)	6.30	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.61				
Sample Time: Label	11:20	Volume Purged	1.92 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
Purge Start	10:40						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	180	4.80	0.00	7.27	0.40	1.07	5.95	6.1	288.4	Clear	No Odor
10:45	5	180	4.80	0.24	7.34	0.52	0.02	1.07	7.2	262.0	Clear	No Odor
10:50	5	180	4.80	0.48	7.34	0.53	0.02	0.68	7.3	248.8	Clear	No Odor
10:55	5	180	4.80	0.72	7.32	0.52	0.02	0.72	7.3	240.9	Clear	No Odor
11:00	5	180	4.80	0.96	7.31	0.53	0.02	0.57	7.3	229.4	Clear	No Odor
11:05	5	180	4.80	1.20	7.29	0.53	0.02	0.45	7.1	225.5	Clear	No Odor
11:10	5	180	4.80	1.44	7.22	0.53	0.02	0.44	6.6	221.1	Clear	No Odor
11:15	5	180	4.80	1.68	7.20	0.53	0.02	0.43	6.5	218.3	Clear	No Odor
11:20	5	180	4.80	1.92	7.19	0.53	0.02	0.49	6.5	215.8	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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*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 - 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.	30042006.0402.02	Well ID	MW-97S			Date	2-13-20
Project Name/Location		Ford LTP		Weather	30.02 degrees F, Light Snow 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)	4.21	Total Depth (ft-bmp)	12.01	Water Column (ft.)	7.80	Gallons in Well	1.27
		Pump Intake (ft-bmp)	5.71	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.27				
Sample Time: Label	10:15	Volume Purged	2.88 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
Purge Start	9:15						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:15	0	180	4.21	0.00	6.61	0.40	0.57	3.94	6.5	304.1	Clear	No Odor
9:20	5	180	4.21	0.24	6.89	0.38	0.02	3.41	6.6	294.6	Clear	No Odor
9:25	5	180	4.22	0.48	7.09	0.38	0.02	3.20	6.5	287.5	Clear	No Odor
9:30	5	180	4.22	0.72	7.22	0.37	0.02	3.08	6.6	283.1	Clear	No Odor
9:35	5	180	4.22	0.96	7.29	0.38	0.02	3.02	6.6	280.7	Clear	No Odor
9:40	5	180	4.22	1.20	7.32	0.37	0.02	2.87	6.6	280.2	Clear	No Odor
9:45	5	180	4.22	1.44	7.38	0.38	0.02	2.34	6.5	278.4	Clear	No Odor
9:50	5	180	4.22	1.68	7.40	0.40	0.02	2.00	6.5	277.8	Clear	No Odor
9:55	5	180	4.22	1.92	7.43	0.42	0.02	1.89	6.7	276.5	Clear	No Odor
10:00	5	180	4.22	2.16	7.44	0.44	0.02	1.37	6.8	274.4	Clear	No Odor
10:05	5	180	4.22	2.40	7.46	0.47	0.02	1.24	6.7	272.8	Clear	No Odor
10:10	5	180	4.22	2.64	7.45	0.48	0.02	1.22	6.8	272.3	Clear	No Odor
10:15	5	180	4.22	2.88	7.46	0.50	0.02	1.19	6.8	271.0	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
1,4-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

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	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 - 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.	30042006.0402.02	Well ID	MW-98S			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	1.72	Total Depth (ft-bmp)	12.09	Water Column (ft.)	10.37	Gallons in Well	1.69
		Pump Intake (ft-bmp)	3.22	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.42				
Sample Time: Label	14:32	Volume Purged	2.40 gallons	Replicate/Code No.	--	Sampled by	Madison Olender
Purge Start	13:30						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:31	0	150	1.72	0.00	7.44	0.65	4.16	2.19	4.4	100.1	Clear	No Odor
13:36	5	150	1.72	0.20	7.20	0.64	3.77	0.52	4.4	156.1	Clear	No Odor
13:41	5	150	1.72	0.40	7.18	0.68	2.48	0.44	4.9	116.3	Clear	No Odor
13:46	5	150	1.72	0.60	7.19	0.69	1.32	0.44	4.9	93.6	Clear	No Odor
13:51	5	150	1.72	0.80	7.20	0.69	0.89	0.48	4.7	61.7	Clear	No Odor
13:56	5	150	1.72	1.00	7.19	0.69	0.15	0.44	4.7	32.3	Clear	No Odor
14:01	5	150	1.72	1.20	7.21	0.71	0.08	0.48	4.7	14.1	Clear	No Odor
14:06	5	150	1.72	1.40	7.22	0.73	0.04	0.44	4.7	3.7	Clear	No Odor
14:11	5	150	1.72	1.60	7.24	0.77	0.03	0.45	4.8	-2.5	Clear	No Odor
14:16	5	150	1.72	1.80	7.24	0.81	0.02	0.45	4.7	-4.2	Clear	No Odor
14:21	5	150	1.72	2.00	7.25	0.89	0.02	0.91	4.6	0.9	Clear	No Odor
14:26	5	150	1.72	2.20	7.24	0.93	0.02	0.56	4.6	-3.8	Clear	No Odor
14:31	5	150	1.72	2.40	7.23	0.96	0.02	0.51	4.6	-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
1,4-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

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	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 - 12017 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.	30042006.0402.02	Well ID	MW-99S			Date	2-4-20
Project Name/Location		Ford LTP		Weather	35.96 degrees 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)	5.87	Total Depth (ft-bmp)	12.87	Water Column (ft.)	7.00	Gallons in Well	1.14
		Pump Intake (ft-bmp)	7.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.91				
Sample Time: Label	15:38	Volume Purged	1.04 gallons	Replicate/Code No.	MW-99S_MS_020420, MW-99S_MSD_020420	Sampled by	Heather Woodrum
Purge Start	14:53						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:53	0	100	5.88	0.00	7.64	1.90	0.02	1.30	7.1	46.2	Clear	No Odor
14:58	5	100	5.88	0.13	7.64	1.91	0.02	0.57	7.4	42.8	Clear	No Odor
15:03	5	100	5.88	0.26	7.64	1.91	0.02	0.44	7.7	40.8	Clear	No Odor
15:08	5	100	5.88	0.39	7.62	2.14	0.02	0.35	7.7	43.2	Clear	No Odor
15:13	5	100	5.88	0.52	7.54	2.83	0.02	0.39	7.9	47.1	Clear	No Odor
15:18	5	100	5.88	0.65	7.48	3.31	0.02	0.30	8.1	48.8	Clear	No Odor
15:23	5	100	5.88	0.78	7.48	3.51	0.02	0.33	7.6	49.0	Clear	No Odor
15:28	5	100	5.88	0.91	7.48	3.49	0.02	0.37	7.5	47.8	Clear	No Odor
15:33	5	100	5.88	1.04	7.51	3.49	0.02	0.38	7.5	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
1,4-dioxane	40 mL Glass	9	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	9	HCL

Comments Screw broke off inside 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:	ROW - Cone in line with north tree	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.	30042006.0402.02	Well ID	MW-100S			Date	2-4-20
Project Name/Location		Ford LTP		Weather	35.96 degrees 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)	6.34	Total Depth (ft-bmp)	12.88	Water Column (ft.)	6.54	Gallons in Well	1.06
		Pump Intake (ft-bmp)	8.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.26				
Sample Time: Label	11:02	Volume Purged	2.40 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
Purge Start	10:00						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:00	0	150	6.39	0.00	7.76	3.79	0.02	2.70	8.2	138.0	Clear	No Odor
10:05	5	150	6.39	0.20	7.52	4.06	0.02	1.16	8.7	118.5	Clear	No Odor
10:10	5	150	6.39	0.40	7.44	4.92	0.02	0.91	9.0	109.0	Clear	No Odor
10:15	5	150	6.39	0.60	7.37	5.72	0.02	0.86	8.9	106.5	Clear	No Odor
10:20	5	150	6.39	0.80	7.30	6.23	0.02	0.89	8.9	101.5	Clear	No Odor
10:25	5	150	6.39	1.00	7.26	6.66	0.02	0.94	9.1	89.0	Clear	No Odor
10:30	5	150	6.39	1.20	7.25	6.96	0.02	0.95	9.0	75.4	Clear	No Odor
10:35	5	150	6.39	1.40	7.26	7.08	0.02	0.89	9.2	66.8	Clear	No Odor
10:40	5	150	6.39	1.60	7.26	7.17	0.02	0.88	9.2	57.1	Clear	No Odor
10:45	5	150	6.39	1.80	7.26	7.24	0.02	0.90	9.1	48.0	Clear	No Odor
10:50	5	150	6.39	2.00	7.27	7.09	0.02	0.87	8.7	41.6	Clear	No Odor
10:55	5	150	6.39	2.20	7.28	7.03	0.02	0.92	8.6	36.8	Clear	No Odor
11:00	5	150	6.39	2.40	7.28	7.26	0.02	0.87	8.4	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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*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 - in front of instrumental distribution north of mailbox	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-101S			Date	2-3-20
Project Name/Location		Ford LTP		Weather	50.00 degrees F, Mostly 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)	7.92	Total Depth (ft-bmp)	14.06	Water Column (ft.)	6.14	Gallons in Well	1.00
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.40				
Sample Time: Label	15:42	Volume Purged	1.40 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
Purge Start	15:05						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:05	0	150	7.92	0.00	8.70	1.96	0.02	1.15	10.6	-11.1	Clear	No Odor
15:10	5	150	7.92	0.20	7.87	1.85	0.02	0.52	10.7	-1.8	Clear	No Odor
15:15	5	150	7.92	0.40	7.80	1.85	0.02	0.44	10.7	1.3	Clear	No Odor
15:20	5	150	7.92	0.60	7.77	1.85	0.02	0.39	10.7	4.4	Clear	No Odor
15:25	5	150	7.92	0.80	7.77	1.84	0.02	0.45	10.8	7.2	Clear	No Odor
15:30	5	150	7.92	1.00	7.76	1.85	0.02	0.50	10.8	8.9	Clear	No Odor
15:35	5	150	7.92	1.20	7.75	1.84	0.02	0.53	10.7	10.8	Clear	No Odor
15:40	5	150	7.92	1.40	7.75	1.84	0.02	0.51	10.7	13.0	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 - Between sewer and broken sign post on 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.	30042006.0402.02	Well ID	MW-102			Date	2-14-20
Project Name/Location		Ford LTP		Weather	5.00 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	10-15	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.25	Total Depth (ft-bmp)	14.63	Water Column (ft.)	13.38	Gallons in Well	2.17
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.15				
Sample Time:	Label 9:50	Volume Purged	2.49 gallons	Replicate/Code No.	DUP-06	Sampled by	Ellen Redner
	Purge Start 8:55						
	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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:50	0	250	1.29	0.00	6.80	7.27	50.70	2.99	7.7	198.4	Clear, Small Orange Particulates	No Odor
8:55	5	150	1.26	0.33	6.99	7.64	38.30	0.66	6.6	92.6	Clear, Small Orange Particulates	No Odor
9:00	5	150	1.26	0.53	7.08	7.53	39.00	0.55	6.4	-20.5	Clear, Small Orange Particulates	No Odor
9:05	5	150	1.26	0.73	7.12	7.53	35.20	0.42	6.4	-48.4	Clear, Small Orange Particulates	No Odor
9:10	5	150	1.26	0.93	7.14	7.52	31.50	0.24	6.7	-61.2	Clear, Small Orange Particulates	No Odor
9:15	5	150	1.26	1.13	7.14	7.54	30.30	0.18	6.6	-66.0	Clear, Small Orange Particulates	No Odor
9:20	5	150	1.27	1.33	7.15	7.56	36.40	0.15	7.0	-70.7	Clear, Small Orange Particulates	No Odor
9:25	5	150	1.28	1.53	7.16	7.56	25.00	0.12	7.0	-73.4	Clear, Small Orange Particulates	No Odor
9:30	5	150	1.28	1.69	7.16	7.57	32.30	0.08	7.1	-75.0	Clear, Small Orange Particulates	No Odor
9:35	5	150	1.28	1.89	7.16	7.56	31.60	0.07	7.2	-75.2	Clear, Small Orange Particulates	No Odor
9:40	5	150	1.28	2.09	7.17	7.57	32.70	0.05	7.4	-77.0	Clear, Small Orange Particulates	No Odor
9:45	5	150	1.28	2.29	7.17	7.58	29.00	0.03	7.4	-77.2	Clear, Small Orange Particulates	No Odor
9:50	5	150	1.28	2.49	7.17	7.53	29.60	0.01	7.4	-77.4	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
1,4-dioxane	40 mL Glass	6	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	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 - End of road right 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.	30042006.0402.02	Well ID	MW-102S			Date	2-14-20
Project Name/Location		Ford LTP		Weather	8.96 degrees F, 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)	1.41	Total Depth (ft-bmp)	12.37	Water Column (ft.)	10.96	Gallons in Well	1.78
		Pump Intake (ft-bmp)	2.91	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.08				
Sample Time:	Label 11:00	Volume Purged	1.93 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
	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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	250	1.44	0.00	8.05	1.36	14.50	1.76	3.9	-1.1	Clear	No Odor
10:20	5	150	1.44	0.33	7.74	1.70	7.23	0.64	4.2	5.7	Clear	No Odor
10:25	5	150	1.45	0.53	7.50	2.33	3.92	0.32	4.4	11.8	Clear	No Odor
10:30	5	150	1.45	0.73	7.46	2.56	2.86	0.23	4.6	13.7	Clear	No Odor
10:35	5	150	1.45	0.93	7.38	3.03	2.85	0.20	4.8	17.7	Clear	No Odor
10:40	5	150	1.45	1.13	7.36	3.17	2.12	0.13	5.1	19.2	Clear	No Odor
10:45	5	150	1.45	1.33	7.37	3.23	2.27	0.21	5.1	19.7	Clear	No Odor
10:50	5	150	1.45	1.53	7.37	3.40	2.32	0.12	5.1	21.2	Clear	No Odor
10:55	5	150	1.45	1.73	7.36	3.44	2.10	0.11	5.1	21.2	Clear	No Odor
11:00	5	150	1.45	1.93	7.36	3.50	2.35	0.10	5.2	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
1,4-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

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	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 - End of road right side	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.	30042006.0402.02	Well ID	MW-105S			Date	2-12-20
Project Name/Location		Ford LTP		Weather	33.98 degrees F, 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)	2.54	Total Depth (ft-bmp)	11.79	Water Column (ft.)	9.25	Gallons in Well	1.50
		Pump Intake (ft-bmp)	4.04	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.69				
Sample Time: Label	15:40	Volume Purged	2.53 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:40	0	250	2.58	0.00	7.75	0.96	80.90	5.44	4.7	-6.8	Clear, Small Orange Particulates	No Odor
14:45	5	150	2.55	0.33	6.95	1.00	23.50	0.64	5.0	-18.4	Clear, Small Orange Particulates	No Odor
14:50	5	150	2.55	0.53	6.92	1.01	13.80	0.34	5.2	-10.5	Clear, Small Orange Particulates	No Odor
14:55	5	150	2.55	0.73	6.91	1.02	12.00	0.17	5.5	-6.2	Clear, Small Orange Particulates	No Odor
15:00	5	150	2.55	0.93	6.90	1.01	10.90	0.13	5.3	-8.1	Clear, Small Orange Particulates	No Odor
15:05	5	150	2.55	1.13	6.90	1.02	10.70	0.06	5.2	-9.4	Clear, Small Orange Particulates	No Odor
15:10	5	150	2.55	1.33	6.89	1.20	8.89	0.02	5.3	-12.1	Clear, Small Orange Particulates	No Odor
15:15	5	150	2.55	1.53	6.88	1.59	7.87	0.03	5.2	-14.4	Clear, Small Orange Particulates	No Odor
15:20	5	150	2.55	1.73	6.94	2.41	4.57	0.02	5.3	-25.9	Clear	No Odor
15:25	5	150	2.55	1.93	6.97	2.72	4.95	0.02	5.3	-33.0	Clear	No Odor
15:30	5	150	2.55	2.13	7.02	2.94	3.39	0.02	5.4	-41.6	Clear	No Odor
15:35	5	150	2.55	2.33	7.05	3.06	4.76	0.01	5.5	-47.2	Clear	No Odor
15:40	5	150	2.55	2.53	7.06	3.11	3.40	0.00	5.5	-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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - Side of 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.	30042006.0402.02	Well ID	MW-106S			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	2.54	Total Depth (ft-bmp)	11.62	Water Column (ft.)	9.08	Gallons in Well	1.48
		Pump Intake (ft-bmp)	4.04	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.62				
Sample Time: Label	16:18	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Madison Olender
Purge Start	15:16						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:17	0	150	2.54	0.00	8.31	0.49	3.30	3.29	5.8	124.7	Clear	No Odor
15:22	5	150	2.54	0.20	8.27	0.47	6.62	3.37	5.8	120.8	Clear	No Odor
15:27	5	150	2.54	0.40	8.25	0.47	8.10	3.21	5.8	120.1	Clear	No Odor
15:32	5	150	2.54	0.60	8.23	0.47	7.43	3.19	6.0	119.9	Clear	No Odor
15:37	5	150	2.54	0.80	8.12	0.46	6.90	3.40	5.9	121.6	Clear	No Odor
15:42	5	150	2.54	1.00	7.86	0.43	4.72	4.41	5.6	123.1	Clear	No Odor
15:47	5	150	2.54	1.20	7.68	0.44	3.84	4.85	5.6	127.2	Clear	No Odor
15:52	5	150	2.54	1.40	7.68	0.45	2.10	4.71	5.4	127.7	Clear	No Odor
15:57	5	150	2.54	1.60	7.81	0.46	2.53	3.91	5.8	132.6	Clear	No Odor
16:02	5	150	2.54	1.80	7.81	0.47	0.94	3.78	5.8	135.1	Clear	No Odor
16:07	5	150	2.54	2.00	7.70	0.47	2.68	4.07	5.6	138.2	Clear	No Odor
16:12	5	150	2.54	2.20	7.66	0.47	3.47	3.89	5.5	141.0	Clear	No Odor
16:17	5	150	2.54	2.40	7.56	0.45	2.44	4.98	5.4	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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*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 - 12001 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.	30042006.0402.02	Well ID	MW-107S			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	5.14	Total Depth (ft-bmp)	12.15	Water Column (ft.)	7.01	Gallons in Well	1.14
		Pump Intake (ft-bmp)	6.64	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.11				
Sample Time: Label	10:41	Volume Purged	2.40 gallons	Replicate/Code No.	--	Sampled by	Madison Olender
Purge Start	9:39						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:40	0	150	5.14	0.00	7.16	0.76	7.78	5.03	7.3	220.6	Clear	No Odor
9:45	5	150	5.14	0.20	7.13	0.74	6.32	3.55	7.0	108.7	Clear	No Odor
9:50	5	150	5.14	0.40	7.15	0.72	5.11	3.18	6.8	50.4	Clear	No Odor
9:55	5	150	5.14	0.60	7.22	0.72	4.45	2.61	7.2	18.8	Clear	No Odor
10:00	5	150	5.14	0.80	7.24	0.71	3.97	2.26	7.2	-10.8	Clear	No Odor
10:05	5	150	5.14	1.00	7.26	0.70	3.02	1.97	7.1	-25.9	Clear	No Odor
10:10	5	150	5.14	1.20	7.29	0.70	2.33	1.68	7.2	-37.2	Clear	No Odor
10:15	5	150	5.14	1.40	7.29	0.69	1.91	1.51	7.2	-43.7	Clear	No Odor
10:20	5	150	5.14	1.60	7.31	0.69	1.15	1.42	7.3	-49.2	Clear	No Odor
10:25	5	150	5.14	1.80	7.30	0.68	0.76	1.27	7.1	-57.6	Clear	No Odor
10:30	5	150	5.14	2.00	7.32	0.69	0.24	1.12	7.1	-58.3	Clear	No Odor
10:35	5	150	5.14	2.20	7.33	0.68	0.02	0.93	7.4	-60.4	Clear	No Odor
10:40	5	150	5.14	2.40	7.34	0.68	0.02	0.79	7.4	-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	1.25" = 0.06	1.5" = 0.09	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 - 12125 Capitol	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.	30042006.0402.02	Well ID	MW-108S			Date	2-3-20
Project Name/Location		Ford LTP		Weather	50.00 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)	2.69	Total Depth (ft-bmp)	12.27	Water Column (ft.)	9.58	Gallons in Well	1.56
		Pump Intake (ft-bmp)	4.19	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.54				
Sample Time: Label	15:54	Volume Purged	2.40 gallons	Replicate/Code No.	--	Sampled by	Madison Olender
Purge Start	14:52						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:53	0	150	2.69	0.00	7.58	0.77	24.20	12.14	4.1	136.6	Clear, Small Orange Particulates	No Odor
14:58	5	150	2.69	0.20	7.45	0.78	7.27	11.08	4.2	147.3	Clear	No Odor
15:03	5	150	2.69	0.40	7.43	0.79	6.24	10.49	4.6	153.5	Clear	No Odor
15:08	5	150	2.69	0.60	7.38	0.83	4.69	8.87	5.0	157.4	Clear	No Odor
15:13	5	150	2.69	0.80	7.26	0.95	3.78	5.56	5.5	161.1	Clear	No Odor
15:18	5	150	2.69	1.00	7.19	1.00	2.54	3.20	5.9	155.7	Clear	No Odor
15:23	5	150	2.69	1.20	7.19	1.00	1.68	2.72	5.8	148.0	Clear	No Odor
15:28	5	150	2.69	1.40	7.19	1.00	0.88	2.62	5.8	141.0	Clear	No Odor
15:33	5	150	2.69	1.60	7.13	1.07	0.61	1.42	6.2	121.2	Clear	No Odor
15:38	5	150	2.69	1.80	7.11	1.10	0.46	1.39	6.1	106.3	Clear	No Odor
15:43	5	150	2.69	2.00	7.10	1.12	0.02	1.20	6.2	94.1	Clear	No Odor
15:48	5	150	2.69	2.20	7.09	1.13	0.02	1.35	6.0	83.3	Clear	No Odor
15:53	5	150	2.69	2.40	7.08	1.14	0.02	1.10	6.2	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	1.25" = 0.06	1.5" = 0.09	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 - 12321 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.	30042006.0402.02	Well ID	MW-131S			Date	2-4-20
Project Name/Location		Ford LTP		Weather	35.96 degrees F, 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)	3.78	Total Depth (ft-bmp)	12.69	Water Column (ft.)	8.91	Gallons in Well	1.45
		Pump Intake (ft-bmp)	5.28	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.63				
Sample Time: Label	11:42	Volume Purged	2.36 gallons	Replicate/Code No.	MW-131S-MS_020420 and MW-131S-MSD_020420	Sampled by	Madison Olender
Purge Start	10:40						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:41	0	150	3.78	0.00	7.84	0.68	9.04	5.63	6.3	80.7	Clear	No Odor
10:46	5	150	3.78	0.20	7.64	0.62	6.85	4.57	6.2	84.2	Clear	No Odor
10:51	5	150	3.78	0.40	7.59	0.61	4.46	4.51	6.1	89.4	Clear	No Odor
10:56	5	150	3.78	0.60	7.37	0.72	3.58	4.42	6.4	94.8	Clear	No Odor
11:01	5	150	3.78	0.80	7.24	0.81	2.26	2.64	6.5	46.6	Clear	No Odor
11:06	5	150	3.78	1.00	7.23	0.94	1.43	2.24	6.6	15.3	Clear	No Odor
11:11	5	150	3.78	1.20	7.24	1.04	0.93	2.04	6.6	1.1	Clear	No Odor
11:16	5	150	3.78	1.40	7.25	1.17	0.40	1.92	6.6	-8.1	Clear	No Odor
11:21	5	150	3.78	1.56	7.25	1.45	0.22	1.69	6.6	-12.1	Clear	No Odor
11:26	5	150	3.78	1.76	7.25	1.94	0.05	1.82	6.6	-15.1	Clear	No Odor
11:31	5	150	3.78	1.96	7.24	2.38	0.02	1.69	6.6	-21.5	Clear	No Odor
11:36	5	150	3.78	2.16	7.26	2.73	0.02	1.69	6.7	-31.3	Clear	No Odor
11:41	5	150	3.78	2.36	7.26	2.84	0.02	1.61	6.6	-35.9	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
1,4-dioxane	40 mL Glass	9	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	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 - 34414 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.	30042006.0402.02	Well ID	MW-132S			Date	2-4-20
Project Name/Location		Ford LTP		Weather	35.96 degrees F, 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)	12.40	Water Column (ft.)	7.25	Gallons in Well	1.18
		Pump Intake (ft-bmp)	6.65	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.69				
Sample Time:	Label 9:58	Volume Purged	2.00 gallons	Replicate/Code No.	--	Sampled by	Madison Olender
	Purge Start 9:06						
	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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:07	0	150	5.15	0.00	7.49	3.54	123.00	8.15	6.3	181.2	Small Black Particulates	No Odor
9:12	5	150	5.15	0.20	7.44	3.76	52.60	7.36	6.6	119.3	Cloudy	No Odor
9:17	5	150	5.15	0.40	7.42	3.86	35.10	7.21	6.6	96.3	Cloudy	No Odor
9:22	5	150	5.15	0.60	7.42	3.85	27.80	6.86	6.6	87.5	Clear	No Odor
9:27	5	150	5.15	0.80	7.41	3.82	20.50	6.67	6.7	79.9	Clear	No Odor
9:32	5	150	5.15	1.00	7.41	3.77	11.30	6.66	6.7	75.3	Clear	No Odor
9:37	5	150	5.15	1.20	7.40	3.73	10.20	6.40	6.7	72.4	Clear	No Odor
9:42	5	150	5.15	1.40	7.38	3.68	9.51	6.15	6.6	69.0	Clear	No Odor
9:47	5	150	5.15	1.60	7.37	3.67	4.51	5.69	6.7	67.4	Clear	No Odor
9:52	5	150	5.15	1.80	7.37	3.61	3.98	5.86	6.6	65.1	Clear	No Odor
9:57	5	150	5.15	2.00	7.37	3.58	2.98	5.88	6.6	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
1,4-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

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	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 - 34400 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.	30042006.0402.02	Well ID	MW-133S			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	5.41	Total Depth (ft-bmp)	8.56	Water Column (ft.)	3.15	Gallons in Well	0.51
		Pump Intake (ft-bmp)	6.91	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	3.14				
Sample Time: Label	15:50	Volume Purged	1.60 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
Purge Start	15:10						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:10	0	150	5.44	0.00	7.02	0.72	15.90	1.32	7.5	10.2	Clear	No Odor
15:15	5	150	5.43	0.20	7.00	0.71	6.15	1.88	7.4	13.3	Clear	No Odor
15:20	5	150	5.43	0.40	7.02	0.70	5.32	1.69	7.5	13.9	Clear	No Odor
15:25	5	150	5.43	0.60	7.02	0.70	4.76	1.40	7.3	16.2	Clear	No Odor
15:30	5	150	5.43	0.80	7.03	0.70	3.59	1.25	7.3	18.5	Clear	No Odor
15:35	5	150	5.43	1.00	7.02	0.70	3.20	1.10	7.2	19.5	Clear	No Odor
15:40	5	150	5.43	1.20	7.02	0.70	2.46	1.06	7.6	21.5	Clear	No Odor
15:45	5	150	5.43	1.40	7.03	0.70	2.52	1.03	7.7	22.1	Clear	No Odor
15:50	5	150	5.43	1.60	7.02	0.69	2.09	1.07	7.7	23.7	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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - 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.	30042006.0402.02	Well ID	MW-134S			Date	2-11-20
Project Name/Location		Ford LTP		Weather	39.02 degrees F, Partly 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)	6.34	Total Depth (ft-bmp)	9.68	Water Column (ft.)	3.34	Gallons in Well	0.54
		Pump Intake (ft-bmp)	7.84	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.83				
Sample Time: Label	14:50	Volume Purged	1.53 gallons	Replicate/Code No.	MW-134S-MS_021120, MW-134S-MSD_021120	Sampled by	Ellen Redner
Purge Start	14:15						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:15	0	250	6.38	0.00	7.50	0.47	2.73	2.75	8.4	14.8	Clear, Small Black Particulates	No Odor
14:20	5	150	6.36	0.33	7.42	0.50	2.10	2.24	8.2	13.9	Clear, Small Black Particulates	No Odor
14:25	5	150	6.36	0.53	7.30	0.51	2.41	1.08	8.3	15.7	Clear, Small Black Particulates	No Odor
14:30	5	150	6.36	0.73	7.30	0.50	2.08	1.10	8.3	16.1	Clear	No Odor
14:35	5	150	6.37	0.93	7.29	0.51	2.23	1.00	8.3	19.1	Clear	No Odor
14:40	5	150	6.37	1.13	7.29	0.51	2.23	0.92	8.3	19.5	Clear	No Odor
14:45	5	150	6.37	1.33	7.28	0.51	2.08	0.90	8.3	20.6	Clear	No Odor
14:50	5	150	6.37	1.53	7.28	0.51	2.03	0.93	8.3	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
1,4-dioxane	40 mL Glass	9	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	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 - 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.	30042006.0402.02	Well ID	MW-135S			Date	2-12-20
Project Name/Location		Ford LTP		Weather	33.08 degrees F, 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)	5.38	Total Depth (ft-bmp)	9.48	Water Column (ft.)	4.10	Gallons in Well	0.67
		Pump Intake (ft-bmp)	6.88	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.99				
Sample Time:	Label 14:10	Volume Purged	1.33 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
	Purge Start 13:40						
	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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:40	0	250	5.40	0.00	8.28	0.46	8.53	7.02	7.6	-35.0	Clear, Small White Particulates	No Odor
13:45	5	150	5.38	0.33	7.65	0.46	7.36	2.99	7.9	-22.6	Clear, Small White Particulates	No Odor
13:50	5	150	5.38	0.53	7.53	0.45	4.32	2.33	7.9	-15.7	Clear, Small White Particulates	No Odor
13:55	5	150	5.38	0.73	7.50	0.45	3.78	1.95	8.0	-12.7	Clear	No Odor
14:00	5	150	5.38	0.93	7.48	0.44	2.94	2.58	7.9	-2.2	Clear	No Odor
14:05	5	150	5.38	1.13	7.49	0.45	3.64	2.50	8.0	4.0	Clear	No Odor
14:10	5	150	5.38	1.33	7.46	0.44	2.29	2.62	7.9	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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - Front yard	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.	30042006.0402.02	Well ID	MW-136S			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	2.57	Total Depth (ft-bmp)	7.14	Water Column (ft.)	4.57	Gallons in Well	0.74
		Pump Intake (ft-bmp)	4.07	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.16				
Sample Time:	Label 12:06	Volume Purged	1.60 gallons	Replicate/Code No.	--	Sampled by	Madison Olender
	Purge Start 11:24						
	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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:25	0	150	2.57	0.00	7.32	1.38	132.00	3.42	4.9	80.1	Cloudy, Small Orange Particulates,	Slight Odor
11:30	5	150	2.57	0.20	7.23	1.59	84.00	2.09	4.8	31.7	Cloudy	No Odor
11:35	5	150	2.57	0.40	7.21	1.62	50.80	1.65	5.0	9.7	Clear	No Odor
11:40	5	150	2.57	0.60	7.23	1.61	27.40	1.54	5.1	-0.3	Clear	No Odor
11:45	5	150	2.57	0.80	7.22	1.62	15.70	1.29	5.1	-8.5	Clear	No Odor
11:50	5	150	2.57	1.00	7.22	1.62	4.89	1.24	5.0	-12.4	Clear	No Odor
11:55	5	150	2.57	1.20	7.21	1.63	1.48	1.10	5.0	-15.0	Clear	No Odor
12:00	5	150	2.57	1.40	7.22	1.63	0.76	1.09	5.1	-16.4	Clear	No Odor
12:05	5	150	2.57	1.60	7.21	1.63	0.40	1.10	5.0	-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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - 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.	30042006.0402.02	Well ID	MW-137S			Date	2-4-20
Project Name/Location		Ford LTP		Weather	35.96 degrees F, 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)	1.66	Total Depth (ft-bmp)	7.03	Water Column (ft.)	5.37	Gallons in Well	0.87
		Pump Intake (ft-bmp)	3.16	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.38				
Sample Time:	Label 13:30	Volume Purged	1.20 gallons	Replicate/Code No.	--	Sampled by	Madison Olender
	Purge Start 12:58						
	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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:59	0	150	1.66	0.00	7.50	0.63	6.70	2.47	5.8	38.7	Clear	No Odor
13:04	5	150	1.66	0.20	7.13	0.97	1.72	0.76	6.3	40.0	Clear	No Odor
13:09	5	150	1.66	0.40	7.12	0.97	0.80	0.50	6.1	28.0	Clear	No Odor
13:14	5	150	1.66	0.60	7.13	0.97	0.66	0.45	6.1	20.6	Clear	No Odor
13:19	5	150	1.66	0.80	7.12	0.99	0.25	0.41	6.1	15.9	Clear	No Odor
13:24	5	150	1.66	1.00	7.12	1.00	0.13	0.37	6.1	12.4	Clear	No Odor
13:29	5	150	1.66	1.20	7.13	1.01	0.05	0.37	6.1	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
1,4-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

None

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.25" = 0.06	1.5" = 0.09	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 - 12088 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.	30042006.0402.02	Well ID	MW-138S			Date	2-12-20
Project Name/Location		Ford LTP		Weather	24.98 degrees F, Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	0.63	Total Depth (ft-bmp)	5.94	Water Column (ft.)	5.31	Gallons in Well	0.86
		Pump Intake (ft-bmp)	2.13	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.40				
Sample Time:	Label 9:30	Volume Purged	1.20 gallons	Replicate/Code No.	DUP-07	Sampled by	Madison Olender
	Purge Start 8:57						
	Purge End 9:38						

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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:58	0	150	0.63	0.00	7.19	1.36	26.20	2.53	4.0	173.2	Small Orange Particulates	No Odor
9:03	5	150	0.63	0.20	7.05	1.72	5.32	0.31	4.3	37.6	Clear	No Odor
9:08	5	150	0.63	0.40	7.09	2.10	2.41	0.17	4.7	-40.9	Clear	No Odor
9:13	5	150	0.63	0.60	7.14	2.24	1.46	0.15	4.7	-54.0	Clear	No Odor
9:18	5	150	0.63	0.80	7.18	2.26	0.92	0.14	4.9	-63.5	Clear	No Odor
9:23	5	150	0.63	1.00	7.19	2.24	0.48	0.13	4.9	-68.5	Clear	No Odor
9:28	5	150	0.63	1.20	7.20	2.27	0.23	0.10	5.0	-73.5	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
1,4-dioxane	40 mL Glass	6	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	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.	30042006.0402.02	Well ID	MW-139S			Date	2-12-20
Project Name/Location		Ford LTP		Weather	26.96 degrees F, Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	1.49	Total Depth (ft-bmp)	6.90	Water Column (ft.)	5.41	Gallons in Well	0.88
		Pump Intake (ft-bmp)	2.99	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.36				
Sample Time:	Label 11:00	Volume Purged	1.20 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
	Purge Start 10:30						
	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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	250	1.54	0.00	7.52	1.08	60.70	1.46	7.0	24.0	Clear, Small Orange Particulates	No Odor
10:35	5	150	1.50	0.20	7.25	1.13	7.85	0.58	7.4	-6.6	Clear, Small Orange Particulates	No Odor
10:40	5	150	1.50	0.40	7.16	1.14	3.18	0.53	7.0	-12.7	Clear, Small Orange Particulates	No Odor
10:45	5	150	1.50	0.60	7.13	1.12	2.87	0.22	7.0	-25.8	Clear, Small White Particulates	No Odor
10:50	5	150	1.50	0.80	7.12	1.12	2.12	0.13	7.1	-31.6	Clear, Small White Particulates	No Odor
10:55	5	150	1.50	1.00	7.12	1.12	1.74	0.08	7.1	-33.7	Clear, Small White Particulates	No Odor
11:00	5	150	1.50	1.20	7.11	1.11	3.38	0.07	7.2	-35.6	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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - 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.	30042006.0402.02	Well ID	MW-140S			Date	2-5-20
Project Name/Location		Ford LTP		Weather		29 degrees F, 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)	2.61	Total Depth (ft-bmp)	6.46	Water Column (ft.)	3.85	Gallons in Well	0.63
		Pump Intake (ft-bmp)	4.11	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	5.52				
Sample Time: Label	14:35	Volume Purged	3.48 gallons	Replicate/Code No.	MW-140S-MS/MSD_020520	Sampled by	Jonathon Lust
Purge Start	13:35						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:35	0	220	2.61	0.00	7.74	0.20	1.82	6.63	6.2	317.0	Clear	No Odor
13:40	5	220	2.63	0.29	8.03	0.20	0.02	6.12	6.4	311.8	Clear	No Odor
13:45	5	220	2.65	0.58	8.04	0.20	0.73	5.87	6.6	310.4	Clear	No Odor
13:50	5	220	2.65	0.87	8.04	0.20	0.71	5.21	6.6	308.4	Clear	No Odor
13:55	5	220	2.65	1.16	8.01	0.21	0.02	4.52	6.6	306.7	Clear	No Odor
14:00	5	220	2.65	1.45	7.99	0.21	0.02	4.50	6.6	307.0	Clear	No Odor
14:05	5	220	2.65	1.74	7.95	0.23	0.02	3.86	6.6	306.2	Clear	No Odor
14:10	5	220	2.66	2.03	7.90	0.25	0.02	3.42	6.7	305.8	Clear	No Odor
14:15	5	220	2.65	2.32	7.88	0.26	0.02	3.17	6.7	304.9	Clear	No Odor
14:20	5	220	2.66	2.61	7.83	0.28	0.02	2.95	6.7	304.2	Clear	No Odor
14:25	5	220	2.66	2.90	7.81	0.29	0.02	2.86	6.7	303.6	Clear	No Odor
14:30	5	220	2.66	3.19	7.80	0.29	0.02	2.73	6.7	303.5	Clear	No Odor
14:35	5	220	2.66	3.48	7.80	0.29	0.02	2.80	6.7	303.0	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:	ROW - Front yard, 25 ft east of window	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-141S			Date	2-11-20
Project Name/Location		Ford LTP		Weather	35.06 degrees F, Mostly 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)	4.27	Total Depth (ft-bmp)	7.69	Water Column (ft.)	3.41	Gallons in Well	0.55
		Pump Intake (ft-bmp)	6.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.42				
Sample Time: Label	12:37	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Heather Woodrum
Purge Start	12:05						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:05	0	100	4.33	0.00	8.61	0.86	0.02	9.97	5.5	-25.6	Clear	No Odor
12:10	5	100	4.33	0.13	8.03	0.80	0.02	9.19	5.6	-17.6	Clear	No Odor
12:15	5	100	4.33	0.26	7.58	0.84	0.02	8.67	5.7	5.8	Clear	No Odor
12:20	5	100	4.33	0.39	7.53	0.86	0.02	8.27	5.8	14.8	Clear	No Odor
12:25	5	100	4.33	0.52	7.42	0.94	0.02	7.78	5.9	23.2	Clear	No Odor
12:30	5	100	4.33	0.65	7.35	0.95	0.02	7.13	5.9	28.7	Clear	No Odor
12:35	5	100	4.33	0.78	7.33	0.94	0.02	7.04	6.0	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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - In line with Front porch support	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.	30042006.0402.02	Well ID	MW-142S			Date	2-3-20
Project Name/Location		Ford LTP		Weather	46.94 degrees F, Mostly 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)	3.39	Total Depth (ft-bmp)	6.86	Water Column (ft.)	3.47	Gallons in Well	0.56
		Pump Intake (ft-bmp)	4.89	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.14				
Sample Time:	Label 14:07	Volume Purged	1.20 gallons	Replicate/Code No.	--	Sampled by	Madison Olender
	Purge Start 13:34						
	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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:35	0	150	3.39	0.00	6.80	1.12	15.00	0.99	6.1	43.6	Clear	No Odor
13:40	5	150	3.39	0.20	6.75	1.08	5.42	1.10	5.7	48.1	Clear	No Odor
13:45	5	150	3.39	0.40	6.75	1.10	3.41	1.21	5.7	49.5	Clear	No Odor
13:50	5	150	3.39	0.60	6.75	1.13	1.30	1.23	5.8	44.4	Clear	No Odor
13:55	5	150	3.39	0.80	6.76	1.13	0.95	1.22	5.7	39.2	Clear	No Odor
14:00	5	150	3.39	1.00	6.76	1.14	0.81	1.25	5.7	37.3	Clear	No Odor
14:05	5	150	3.39	1.20	6.76	1.13	0.76	1.23	5.8	35.6	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
1,4-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

Swelled bentonite in vault. Removed before sampling

Well Casing Volumes

Gallons/Foot	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - 34326 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.	30042006.0402.02	Well ID	MW-192S			Date	2-12-20
Project Name/Location		Ford LTP		Weather	24.98 degrees F, Fog/Mist		
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)	1.70	Total Depth (ft-bmp)	7.69	Water Column (ft.)	5.99	Gallons in Well	0.97
		Pump Intake (ft-bmp)	3.20	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.61				
Sample Time: Label	10:00	Volume Purged	2.53 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
Purge Start	9:00						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:00	0	250	1.90	0.00	7.61	0.65	15.50	9.71	3.4	188.6	Clear, Small Orange Particulates	No Odor
9:05	5	150	1.76	0.33	7.35	0.66	11.70	3.70	2.9	169.6	Clear, Small Orange Particulates	No Odor
9:10	5	150	1.76	0.53	7.49	0.67	7.52	2.39	2.7	133.5	Clear, Small Orange Particulates	No Odor
9:15	5	150	1.76	0.73	7.49	0.66	2.69	2.48	2.9	129.9	Clear, Small Orange Particulates	No Odor
9:20	5	150	1.77	0.93	7.50	0.66	2.11	2.73	2.9	123.4	Clear, Small Orange Particulates	No Odor
9:25	5	150	1.79	1.13	7.49	0.67	2.89	2.57	3.0	118.0	Clear	No Odor
9:30	5	150	1.80	1.33	7.44	0.75	2.01	2.17	3.3	113.6	Clear	No Odor
9:35	5	150	1.85	1.53	7.43	0.86	2.25	1.95	3.5	112.2	Clear	No Odor
9:40	5	150	1.82	1.73	7.41	1.04	1.70	1.50	3.6	108.8	Clear	No Odor
9:45	5	150	1.82	1.93	7.40	1.22	1.76	1.05	3.5	96.6	Clear	No Odor
9:50	5	150	1.82	2.13	7.40	1.25	1.85	0.94	3.5	87.9	Clear	No Odor
9:55	5	150	1.82	2.33	7.39	1.29	1.50	0.98	3.5	74.1	Clear	No Odor
10:00	5	150	1.82	2.53	7.38	1.32	1.32	1.02	3.6	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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*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 - 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.	30042006.0402.02	Well ID	MW-204			Date	2-7-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	5.28	Total Depth (ft-bmp)	17.00	Water Column (ft.)	11.72	Gallons in Well	1.90
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.95				
Sample Time:	Label 14:30	Volume Purged	1.80 gallons	Replicate/Code No.	--	Sampled by	Madison Olender
	Purge Start 13:43						
	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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:44	0	150	5.28	0.00	7.64	1.13	28.60	0.82	9.6	96.8	Clear	No Odor
13:49	5	150	5.28	0.20	7.53	1.09	26.10	0.35	9.1	93.7	Clear	No Odor
13:54	5	150	5.28	0.40	7.48	1.10	24.50	0.26	9.0	91.6	Clear	No Odor
13:59	5	150	5.28	0.60	7.46	1.11	19.60	0.25	9.0	81.5	Clear	No Odor
14:04	5	150	5.28	0.80	7.44	1.11	17.00	0.21	9.1	76.4	Clear	No Odor
14:09	5	150	5.28	1.00	7.43	1.12	10.60	0.19	9.2	70.1	Clear	No Odor
14:14	5	150	5.28	1.20	7.42	1.12	9.40	0.19	9.3	65.8	Clear	No Odor
14:19	5	150	5.28	1.40	7.42	1.12	4.72	0.19	9.3	63.9	Clear	No Odor
14:24	5	150	5.28	1.60	7.41	1.13	4.15	0.16	9.3	62.7	Clear	No Odor
14:29	5	150	5.28	1.80	7.41	1.13	2.80	0.16	9.3	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
cis-1,2-DCE, trans-1,2-DCE, TCE, VC (Roush Wells Only)	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:	ROW - Roush	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-204S			Date	2-7-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	5.31	Total Depth (ft-bmp)	9.00	Water Column (ft.)	3.69	Gallons in Well	0.60
		Pump Intake (ft-bmp)	6.81	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.00				
Sample Time:	Label 13:29	Volume Purged	1.20 gallons	Replicate/Code No.	--	Sampled by	Madison Olender
	Purge Start 12:57						
	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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:58	0	150	5.31	0.00	7.25	2.95	4.23	4.98	6.6	91.5	Clear	No Odor
13:03	5	150	5.31	0.20	7.14	3.15	3.96	2.69	6.5	85.5	Clear	No Odor
13:08	5	150	5.31	0.40	7.15	3.15	2.26	2.47	6.6	84.1	Clear	No Odor
13:13	5	150	5.31	0.60	7.14	3.17	1.60	2.37	6.6	85.3	Clear	No Odor
13:18	5	150	5.31	0.80	7.14	3.20	0.84	2.28	6.6	87.0	Clear	No Odor
13:23	5	150	5.31	1.00	7.13	3.24	0.21	2.11	6.7	89.7	Clear	No Odor
13:28	5	150	5.31	1.20	7.13	3.26	0.10	2.08	6.6	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
cis-1,2-DCE, trans-1,2-DCE, TCE, VC (Roush Wells Only)	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:	ROW - Roush	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-205			Date	2-7-20
Project Name/Location		Ford LTP		Weather	26.96 degrees F, 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)	6.78	Total Depth (ft-bmp)	17.00	Water Column (ft.)	10.22	Gallons in Well	1.66
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.45				
Sample Time: Label	10:31	Volume Purged	2.40 gallons	Replicate/Code No.	--	Sampled by	Madison Olender
Purge Start	9:29						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:30	0	150	6.78	0.00	6.95	1.37	168.00	7.11	10.6	244.9	Cloudy, Orange	No Odor
9:35	5	150	6.78	0.20	7.22	1.38	110.00	5.80	10.7	160.8	Cloudy, Orange	No Odor
9:40	5	150	6.78	0.40	7.21	1.39	62.40	4.86	10.7	115.2	Cloudy	No Odor
9:45	5	150	6.78	0.60	7.22	1.14	43.80	4.25	10.6	83.0	Clear	No Odor
9:50	5	150	6.78	0.80	7.23	1.41	32.60	3.67	10.7	51.9	Clear	No Odor
9:55	5	150	6.78	1.00	7.22	1.38	23.50	3.14	10.8	24.4	Clear	No Odor
10:00	5	150	6.78	1.20	7.22	1.39	19.00	2.75	10.9	9.9	Clear	No Odor
10:05	5	150	6.78	1.40	7.22	1.43	16.90	2.46	10.8	8.8	Clear	No Odor
10:10	5	150	6.78	1.60	7.23	1.40	13.80	2.14	10.7	0.9	Clear	No Odor
10:15	5	150	6.78	1.80	7.23	1.42	11.80	1.86	10.8	4.5	Clear	No Odor
10:20	5	150	6.78	2.00	7.23	1.40	9.56	1.65	10.9	2.0	Clear	No Odor
10:25	5	150	6.78	2.20	7.23	1.43	8.33	1.45	10.9	1.0	Clear	No Odor
10:30	5	150	6.78	2.40	7.23	1.45	7.45	1.44	10.8	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
cis-1,2-DCE, trans-1,2-DCE, TCE, VC (Roush Wells Only)	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:	ROW - Roush	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-205S			Date	2-7-20
Project Name/Location		Ford LTP		Weather	26.96 degrees F, 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)	6.74	Total Depth (ft-bmp)	9.50	Water Column (ft.)	2.76	Gallons in Well	0.45
		Pump Intake (ft-bmp)	8.24	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	3.11				
Sample Time: Label	12:25	Volume Purged	1.40 gallons	Replicate/Code No.	--	Sampled by	Madison Olender
Purge Start	11:48						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:49	0	150	6.74	0.00	8.33	1.91	170.00	4.74	8.2	127.5	Cloudy, Small Orange Particulates	No Odor
11:54	5	150	6.74	0.20	8.21	1.95	108.00	4.22	8.0	63.0	Cloudy, Small Orange Particulates	No Odor
11:59	5	150	6.74	0.40	8.04	2.00	45.60	4.45	8.0	-49.5	Cloudy	No Odor
12:04	5	150	6.74	0.60	7.74	2.08	15.90	4.65	8.0	-98.7	Clear	No Odor
12:09	5	150	6.74	0.80	7.73	2.14	12.00	5.00	8.0	-90.8	Clear	No Odor
12:14	5	150	6.74	1.00	7.72	2.16	2.62	5.19	8.1	-55.7	Clear	No Odor
12:19	5	150	6.74	1.20	7.72	2.16	1.88	5.42	8.1	-54.3	Clear	No Odor
12:24	5	150	6.74	1.40	7.67	2.20	1.02	5.46	8.2	-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
cis-1,2-DCE, trans-1,2-DCE, TCE, VC (Roush Wells Only)	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:	ROW - Roush	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-88S			Date	2-19-20
Project Name/Location		Ford LTP		Weather	30.02 degrees F, Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.39	Total Depth (ft-bmp)	12.87	Water Column (ft.)	6.48	Gallons in Well	1.05
		Pump Intake (ft-bmp)	7.89	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.87				
Sample Time: Label	16:25	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	15:43						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:45	0	100	6.44	0.00	7.48	0.53	5.35	2.96	7.6	-10.8	Cloudy	No Odor
15:50	5	100	6.44	0.13	7.44	0.52	4.02	1.28	7.5	-11.2	Clear	No Odor
15:55	5	100	6.45	0.26	7.42	0.51	3.96	0.96	7.5	-13.1	Clear	No Odor
16:00	5	100	6.45	0.39	7.44	0.49	3.63	0.85	7.6	-17.5	Clear	No Odor
16:05	5	100	6.45	0.52	7.45	0.49	3.00	0.89	7.5	-20.3	Clear	No Odor
16:10	5	100	6.45	0.65	7.46	0.47	3.05	0.96	7.4	-22.8	Clear	No Odor
16:15	5	100	6.45	0.78	7.46	0.47	2.14	0.98	7.4	-23.6	Clear	No Odor
16:20	5	100	6.45	0.91	7.46	0.47	1.87	1.01	7.4	-23.9	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 behind fence	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.	30042006.0402.02	Well ID	MW-89S			Date	2-20-20
Project Name/Location		Ford LTP		Weather	26.06 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.24	Total Depth (ft-bmp)	12.60	Water Column (ft.)	8.36	Gallons in Well	1.36
		Pump Intake (ft-bmp)	5.74	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.57				
Sample Time: Label	14:30	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	13:53						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:55	0	100	4.29	0.00	7.43	0.95	4.57	3.58	5.8	4.5	Clear	No Odor
14:00	5	100	4.29	0.13	7.42	1.04	3.54	2.81	5.7	9.3	Clear	No Odor
14:05	5	100	4.29	0.26	7.42	1.66	3.04	0.79	5.8	25.2	Clear	No Odor
14:10	5	100	4.29	0.39	7.42	1.83	2.86	0.53	5.6	25.7	Clear	No Odor
14:15	5	100	4.29	0.52	7.37	1.49	2.54	1.14	5.2	18.7	Clear	No Odor
14:20	5	100	4.29	0.65	7.36	1.51	2.62	1.13	5.3	22.4	Clear	No Odor
14:25	5	100	4.29	0.78	7.36	1.51	2.01	1.11	5.3	26.8	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-90S			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	2.34	Total Depth (ft-bmp)	12.50	Water Column (ft.)	10.16	Gallons in Well	1.65
		Pump Intake (ft-bmp)	3.84	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.41				
Sample Time: Label	10:25	Volume Purged	2.32 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:40	0	180	2.34	0.00	6.84	0.89	7.56	2.94	6.5	264.8	Clear	No Odor
9:45	5	200	2.96	0.24	6.68	0.71	3.09	0.91	6.1	248.1	Clear	No Odor
9:50	5	200	3.02	0.50	6.78	0.66	3.06	0.90	6.1	235.4	Clear	No Odor
9:55	5	200	3.15	0.76	6.88	0.59	2.69	1.03	5.7	220.3	Clear	No Odor
10:00	5	200	3.27	1.02	6.93	0.59	2.30	0.82	5.7	207.1	Clear	No Odor
10:05	5	200	3.30	1.28	6.92	0.58	2.15	0.80	5.8	204.6	Clear	No Odor
10:10	5	200	3.39	1.54	6.98	0.59	2.46	0.73	5.8	193.0	Clear	No Odor
10:15	5	200	3.51	1.80	6.99	0.59	2.28	0.65	5.8	184.7	Clear	No Odor
10:20	5	200	3.58	2.06	6.98	0.59	2.05	0.61	5.8	182.3	Clear	No Odor
10:25	5	200	3.65	2.32	6.98	0.59	1.96	0.59	5.8	177.3	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 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.	30042006.0402.02	Well ID	MW-91S			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	5.04	Total Depth (ft-bmp)	11.98	Water Column (ft.)	6.94	Gallons in Well	1.13
		Pump Intake (ft-bmp)	6.54	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.24				
Sample Time: Label	11:30	Volume Purged	2.53 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
Purge Start	10:30						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:30	0	250	5.06	0.00	7.50	1.23	10.90	1.41	7.3	10.6	Clear	No Odor
10:35	5	150	5.05	0.33	7.35	1.24	8.79	1.11	6.7	9.9	Clear	No Odor
10:40	5	150	5.05	0.53	7.27	1.26	7.96	0.80	6.8	6.8	Clear	No Odor
10:45	5	150	5.05	0.73	7.27	1.33	6.67	0.45	7.1	-3.6	Clear	No Odor
10:50	5	150	5.05	0.93	7.26	1.37	7.05	0.43	7.2	-6.8	Clear	No Odor
10:55	5	150	5.05	1.13	7.23	1.54	4.90	0.39	7.2	-28.3	Clear	No Odor
11:00	5	150	5.05	1.33	7.21	1.64	4.50	0.42	7.5	-49.6	Clear	No Odor
11:05	5	150	5.05	1.53	7.23	1.54	4.22	0.39	7.5	-28.3	Clear	No Odor
11:10	5	150	5.05	1.73	7.23	1.60	3.88	0.39	7.7	-28.3	Clear	No Odor
11:15	5	150	5.05	1.93	7.22	1.70	3.24	0.20	7.7	-72.0	Clear	No Odor
11:20	5	150	5.05	2.13	7.23	1.74	3.90	0.21	7.4	-74.6	Clear	No Odor
11:25	5	150	5.05	2.33	7.23	1.74	2.82	0.18	7.6	-77.1	Clear	No Odor
11:30	5	150	5.05	2.53	7.23	1.73	2.53	0.19	7.7	-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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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.	30042006.0402.02	Well ID	MW-92S			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	5.25	Total Depth (ft-bmp)	12.10	Water Column (ft.)	6.85	Gallons in Well	1.11
		Pump Intake (ft-bmp)	6.75	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.28				
Sample Time: Label	10:00	Volume Purged	2.53 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
Purge Start	9:00						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:00	0	250	5.29	0.00	7.53	0.57	8.64	3.47	8.3	69.9	Clear	No Odor
9:05	5	150	5.27	0.33	7.31	0.56	6.05	2.94	7.8	56.3	Clear	No Odor
9:10	5	150	5.27	0.53	7.30	0.56	5.32	2.84	7.9	48.9	Clear	No Odor
9:15	5	150	5.27	0.73	7.32	0.57	4.46	2.81	7.9	41.6	Clear	No Odor
9:20	5	150	5.27	0.93	7.33	0.58	3.91	2.56	7.9	39.3	Clear	No Odor
9:25	5	150	5.27	1.13	7.34	0.62	3.56	1.68	8.0	37.2	Clear	No Odor
9:30	5	150	5.27	1.33	7.34	0.68	3.23	2.00	8.1	34.4	Clear	No Odor
9:35	5	150	5.27	1.53	7.34	0.70	2.86	1.78	8.1	32.0	Clear	No Odor
9:40	5	150	5.28	1.73	7.33	0.80	2.41	1.58	8.1	17.4	Clear	No Odor
9:45	5	150	5.28	1.93	7.32	0.85	2.04	1.66	8.1	4.6	Clear	No Odor
9:50	5	150	5.28	2.13	7.31	0.88	2.63	1.63	8.2	-6.1	Clear	No Odor
9:55	5	150	5.28	2.33	7.31	0.91	1.81	1.61	8.1	-14.9	Clear	No Odor
10:00	5	150	5.28	2.53	7.31	0.93	2.09	1.63	8.2	-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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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.	30042006.0402.02	Well ID	MW-93S			Date	2-13-20
Project Name/Location		Ford LTP		Weather	30.02 degrees F, Light Snow 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)	5.40	Total Depth (ft-bmp)	12.05	Water Column (ft.)	6.65	Gallons in Well	1.08
		Pump Intake (ft-bmp)	6.90	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.72				
Sample Time: Label	16:10	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	3:34						
Purge End	16:14						

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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:35	0	100	5.44	0.00	7.50	0.44	2.93	7.01	5.2	90.1	Clear	No Odor
15:40	5	100	5.44	0.13	7.58	0.45	2.21	1.97	6.0	83.9	Clear	No Odor
15:45	5	100	5.44	0.26	7.59	0.45	2.08	1.13	6.1	81.9	Clear	No Odor
15:50	5	100	5.44	0.39	7.60	0.45	1.47	0.97	6.3	80.2	Clear	No Odor
15:55	5	100	5.44	0.52	7.61	0.45	1.35	0.90	6.2	78.9	Clear	No Odor
16:00	5	100	5.44	0.65	7.61	0.45	1.04	0.89	6.3	78.2	Clear	No Odor
16:05	5	100	5.44	0.78	7.62	0.45	0.98	0.89	6.2	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
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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-94S			Date	2-13-20
Project Name/Location		Ford LTP		Weather	30.02 degrees F, Light Snow 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)	5.53	Total Depth (ft-bmp)	12.23	Water Column (ft.)	6.70	Gallons in Well	1.09
		Pump Intake (ft-bmp)	7.03	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.72				
Sample Time: Label	9:55	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	9:17						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:20	0	100	5.56	0.00	6.62	0.61	2.51	3.74	7.5	132.5	Clear	No Odor
9:25	5	100	5.56	0.13	7.03	0.61	2.23	1.29	8.1	112.5	Clear	No Odor
9:30	5	100	5.56	0.26	7.14	0.61	1.56	0.96	8.1	105.0	Clear	No Odor
9:35	5	100	5.56	0.39	7.22	0.61	1.32	0.84	8.2	98.6	Clear	No Odor
9:40	5	100	5.56	0.52	7.27	0.61	2.07	0.75	8.3	94.1	Clear	No Odor
9:45	5	100	5.56	0.65	7.30	0.61	2.13	0.77	8.1	91.8	Clear	No Odor
9:50	5	100	5.56	0.78	7.30	0.61	1.74	0.72	8.1	90.4	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - Near hedges at property line	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.	30042006.0402.02	Well ID	MW-95S			Date	2-11-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	2.93	Total Depth (ft-bmp)	12.00	Water Column (ft.)	9.07	Gallons in Well	1.47
		Pump Intake (ft-bmp)	4.43	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.86				
Sample Time: Label	9:45	Volume Purged	1.26 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
Purge Start	9:15						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:15	0	160	2.93	0.00	6.95	0.42	2.84	11.49	4.5	195.9	Clear	No Odor
9:20	5	160	2.95	0.21	6.31	0.47	2.55	10.34	5.4	197.5	Clear	No Odor
9:25	5	160	2.95	0.42	6.46	0.49	1.18	10.20	5.0	184.4	Clear	No Odor
9:30	5	160	2.95	0.63	6.63	0.50	0.96	9.77	5.6	177.1	Clear	No Odor
9:35	5	160	2.95	0.84	6.70	0.50	0.48	9.66	5.7	176.7	Clear	No Odor
9:40	5	160	2.95	1.05	6.75	0.50	0.66	9.39	5.8	176.8	Clear	No Odor
9:45	5	160	2.95	1.26	6.77	0.50	1.13	9.08	5.8	178.3	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 by stone wall	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-103S			Date	2-10-20
Project Name/Location		Ford LTP		Weather			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.64	Total Depth (ft-bmp)	6.75	Water Column (ft.)	4.11	Gallons in Well	0.67
		Pump Intake (ft-bmp)	4.14	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.51				
Sample Time: Label	11:20	Volume Purged	1.68 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
Purge Start	10:45						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:45	0	180	3.64	0.00	6.98	0.76	33.00	4.25	5.4	206.5	Clear, Small Brown Particulates	No Odor
10:50	5	180	3.68	0.24	7.06	0.76	10.60	1.60	5.5	195.6	Clear, Small Brown Particulates	No Odor
10:55	5	180	2.68	0.48	7.06	0.74	5.15	1.26	5.5	174.4	Clear, Small Brown Particulates	No Odor
11:00	5	180	2.69	0.72	7.05	0.74	4.42	1.15	5.5	168.4	Clear, Small Brown Particulates	No Odor
11:05	5	180	2.69	0.96	7.08	0.72	1.68	0.93	5.6	151.4	Clear	No Odor
11:10	5	180	2.69	1.20	7.09	0.71	1.83	0.84	5.7	141.6	Clear	No Odor
11:15	5	180	2.69	1.44	7.10	0.70	1.68	0.82	5.7	135.8	Clear	No Odor
11:20	5	180	2.69	1.68	7.09	0.70	1.47	0.79	5.7	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:	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.	30042006.0402.02	Well ID	MW-104S			Date	2-12-20
Project Name/Location		Ford LTP		Weather	33.08 degrees F, 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)	10.03	Total Depth (ft-bmp)	14.18	Water Column (ft.)	4.15	Gallons in Well	0.67
		Pump Intake (ft-bmp)	11.53	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.16				
Sample Time: Label	14:30	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	13:55						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:55	0	100	10.06	0.00	7.52	0.29	5.99	12.67	6.9	71.4	Clear	No Odor
14:00	5	100	10.06	0.13	7.65	0.29	5.54	9.40	8.4	69.3	Clear	No Odor
14:05	5	100	10.06	0.26	7.70	0.29	5.89	8.98	8.5	69.2	Clear	No Odor
14:10	5	100	10.07	0.39	7.74	0.29	6.08	8.73	8.1	69.8	Clear	No Odor
14:15	5	100	10.07	0.52	7.75	0.30	4.84	8.56	8.0	70.3	Clear	No Odor
14:20	5	100	10.07	0.65	7.75	0.30	4.10	8.59	7.9	70.7	Clear	No Odor
14:25	5	100	10.07	0.78	7.75	0.30	3.58	8.67	8.0	71.5	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 backyard behind garage	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.	30042006.0402.02	Well ID	MW-109S			Date	2-20-20
Project Name/Location		Ford LTP		Weather	21.02 degrees F, 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)	5.94	Total Depth (ft-bmp)	12.38	Water Column (ft.)	6.44	Gallons in Well	1.05
		Pump Intake (ft-bmp)	7.44	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.87				
Sample Time: Label	11:45	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	11:04						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	100	5.99	0.00	7.69	0.32	14.60	4.59	6.2	13.3	Clear	No Odor
11:10	5	100	5.99	0.13	7.71	0.32	4.96	4.16	6.4	11.3	Clear	No Odor
11:15	5	100	5.99	0.26	7.68	0.50	4.07	2.62	7.2	23.8	Clear	No Odor
11:20	5	100	6.00	0.39	7.47	1.19	3.66	1.18	7.4	45.9	Clear	No Odor
11:25	5	100	6.00	0.52	7.37	1.37	3.12	0.91	7.7	41.9	Clear	No Odor
11:30	5	100	6.00	0.65	7.32	1.45	2.94	0.87	7.5	37.2	Clear	No Odor
11:35	5	100	6.00	0.78	7.29	1.49	2.50	0.83	7.6	34.3	Clear	No Odor
11:40	5	100	6.00	0.91	7.37	1.46	2.02	0.84	7.6	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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	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.	30042006.0402.02	Well ID	MW-110S			Date	2-21-20
Project Name/Location		Ford LTP		Weather	15.08 degrees F, Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.92	Total Depth (ft-bmp)	12.67	Water Column (ft.)	3.75	Gallons in Well	0.61
		Pump Intake (ft-bmp)	10.42	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.28				
Sample Time: Label	9:55	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	9:19						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:20	0	100	8.97	0.00	7.98	0.51	7.20	10.57	7.8	178.3	Clear	No Odor
9:25	5	100	8.97	0.13	7.81	0.49	5.21	10.55	7.6	177.3	Clear	No Odor
9:30	5	100	8.97	0.26	7.46	0.42	4.20	9.13	8.2	175.5	Clear	No Odor
9:35	5	100	8.97	0.39	7.35	0.42	3.96	9.01	8.4	172.2	Clear	No Odor
9:40	5	100	8.97	0.52	7.31	0.42	4.09	8.79	8.6	166.4	Clear	No Odor
9:45	5	100	8.97	0.65	7.31	0.42	3.23	8.74	8.6	162.4	Clear	No Odor
9:50	5	100	8.97	0.78	7.33	0.42	2.64	8.79	8.5	157.5	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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	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.	30042006.0402.02	Well ID	MW-111S			Date	2-5-20
Project Name/Location		Ford LTP		Weather	23.00 degrees F, 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)	7.42	Total Depth (ft-bmp)	13.00	Water Column (ft.)	5.58	Gallons in Well	0.91
		Pump Intake (ft-bmp)	8.92	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.54				
Sample Time: Label	10:05	Volume Purged	2.31 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
Purge Start	9:30						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:30	0	250	7.42	0.00	6.42	0.49	2.11	2.99	9.0	350.9	Clear	No Odor
9:35	5	250	7.47	0.33	7.01	0.43	8.84	2.41	9.0	313.0	Clear	No Odor
9:40	5	250	7.48	0.66	7.08	0.42	8.54	2.45	8.9	203.1	Clear	No Odor
9:45	5	250	7.47	0.99	7.12	0.42	7.52	2.52	8.9	194.1	Clear	No Odor
9:50	5	250	7.47	1.32	7.16	0.43	3.59	2.38	9.0	184.5	Clear	No Odor
9:55	5	250	7.47	1.65	7.20	0.43	0.15	2.19	9.1	172.7	Clear	No Odor
10:00	5	250	7.47	1.98	7.20	0.44	0.02	2.17	9.1	168.3	Clear	No Odor
10:05	5	250	7.47	2.31	7.23	0.44	0.02	2.26	9.1	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	1.5" = 0.09	2.5" = 0.26	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, about 15 ft from south corner	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-112S			Date	2-18-20
Project Name/Location		Ford LTP		Weather	39.92 degrees F, 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)	6.62	Total Depth (ft-bmp)	11.68	Water Column (ft.)	5.06	Gallons in Well	0.82
		Pump Intake (ft-bmp)	8.12	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.46				
Sample Time: Label	14:20	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Madison Olender
Purge Start	13:48						
Purge End	14:26						

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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:49	0	150	6.62	0.00	7.02	0.09	5.15	4.86	8.2	324.7	Clear	No Odor
13:54	5	150	6.62	0.20	6.35	0.09	0.16	4.29	8.2	337.9	Clear	No Odor
13:59	5	150	6.62	0.40	6.25	0.09	0.02	4.18	8.1	340.8	Clear	No Odor
14:04	5	150	6.62	0.60	6.23	0.09	0.02	4.06	8.2	341.9	Clear	No Odor
14:09	5	150	6.62	0.80	6.27	0.09	0.02	4.06	8.1	342.2	Clear	No Odor
14:14	5	150	6.62	1.00	6.27	0.09	0.02	4.03	8.1	342.0	Clear	No Odor
14:19	5	150	6.62	1.20	6.24	0.09	0.02	3.98	8.2	342.6	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
1,4-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 None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *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	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-115S			Date	2-11-20
Project Name/Location		Ford LTP		Weather	30.02 degrees F, 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)	3.64	Total Depth (ft-bmp)	12.56	Water Column (ft.)	8.92	Gallons in Well	1.45
		Pump Intake (ft-bmp)	5.14	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.81				
Sample Time: Label	11:35	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	10:43						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:45	0	100	3.67	0.00	7.21	0.75	1.14	5.87	5.0	-71.5	Clear	No Odor
10:50	5	100	3.67	0.13	7.09	0.60	0.92	6.13	5.9	70.2	Clear	No Odor
10:55	5	100	3.47	0.26	7.09	0.81	0.94	6.12	5.8	68.5	Clear	No Odor
11:00	5	100	3.67	0.39	7.09	1.31	83.40	1.29	5.3	82.2	Clear	No Odor
11:05	5	100	3.67	0.52	7.21	1.54	1.09	4.61	5.7	49.1	Clear	No Odor
11:10	5	100	4.67	0.65	7.22	1.54	0.97	4.44	5.7	43.8	Clear	No Odor
11:15	5	100	3.67	0.78	7.26	1.66	0.87	3.98	6.2	8.7	Clear	No Odor
11:20	5	100	3.67	0.91	7.27	1.69	0.51	3.77	6.5	-0.3	Clear	No Odor
11:25	5	100	3.67	1.04	7.28	1.71	0.43	3.54	6.6	-6.4	Clear	No Odor
11:30	5	100	3.67	1.17	7.28	1.72	0.62	3.51	6.6	-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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-116S			Date	2-18-20
Project Name/Location		Ford LTP		Weather	39.92 degrees F, Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.71	Total Depth (ft-bmp)	13.80	Water Column (ft.)	6.09	Gallons in Well	0.99
		Pump Intake (ft-bmp)	9.21	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.21				
Sample Time: Label	11:42	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Madison Olender
Purge Start	11:10						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:11	0	150	7.71	0.00	7.56	0.16	13.40	8.19	8.3	324.8	Clear	No Odor
11:16	5	150	7.71	0.20	6.95	0.15	8.41	7.18	8.5	353.3	Clear	No Odor
11:21	5	150	7.71	0.40	6.84	0.15	6.92	7.20	8.5	357.4	Clear	No Odor
11:26	5	150	7.71	0.60	6.89	0.16	6.23	7.23	8.3	354.2	Clear	No Odor
11:31	5	150	7.71	0.80	6.96	0.16	4.93	6.92	8.5	350.5	Clear	No Odor
11:36	5	150	7.71	1.00	6.98	0.16	4.82	6.73	8.5	346.3	Clear	No Odor
11:41	5	150	7.71	1.20	6.99	0.16	4.12	6.69	8.5	342.7	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 None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *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	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-117S			Date	2-11-20
Project Name/Location		Ford LTP		Weather	32.00 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)	5.74	Total Depth (ft-bmp)	12.42	Water Column (ft.)	6.68	Gallons in Well	1.09
		Pump Intake (ft-bmp)	7.24	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.73				
Sample Time: Label	12:20	Volume Purged	1.89 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
Purge Start	11:40						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:40	0	180	5.75	0.00	7.32	0.64	23.10	2.01	7.7	240.5	Clear, Small Orange Particulates	No Odor
11:45	5	180	5.75	0.24	7.39	0.85	7.00	0.38	8.6	186.2	Small Brown Particulates	No Odor
11:50	5	180	5.75	0.48	7.41	0.94	2.91	0.30	8.4	184.3	Clear	No Odor
11:55	5	160	5.75	0.72	7.33	1.18	2.86	0.23	8.5	163.0	Clear, Small Brown Particulates	No Odor
12:00	5	180	5.75	0.93	7.25	1.38	6.38	0.31	8.4	136.0	Clear, Small Brown Particulates	No Odor
12:05	5	180	5.75	1.17	7.25	1.44	3.10	0.25	8.5	125.1	Clear, Small Brown Particulates	No Odor
12:10	5	180	5.75	1.41	7.25	1.46	2.90	0.33	8.5	116.9	Clear, Small Brown Particulates	No Odor
12:15	5	180	5.75	1.65	7.25	1.47	2.70	0.33	8.4	110.7	Clear, Small Brown Particulates	No Odor
12:20	5	180	5.75	1.89	7.25	1.50	2.09	0.28	8.5	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 by large tree	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-118S			Date	2-11-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	4.28	Total Depth (ft-bmp)	12.41	Water Column (ft.)	8.13	Gallons in Well	1.32
		Pump Intake (ft-bmp)	5.78	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.79				
Sample Time: Label	10:05	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	9:18						
Purge End	10:09						

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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:20	0	100	4.31	0.00	8.64	0.29	3.37	15.05	5.0	-12.2	Clear	No Odor
9:25	5	100	4.31	0.13	7.61	0.34	1.45	9.48	6.3	3.1	Clear	No Odor
9:30	5	100	4.31	0.26	7.13	0.37	1.36	8.27	6.5	31.6	Clear	Faint Odor
9:35	5	100	4.32	0.39	7.06	0.37	1.08	8.50	6.6	38.1	Clear	No Odor
9:40	5	100	4.32	0.52	7.07	0.39	1.04	7.66	6.7	38.4	Clear	No Odor
9:45	5	100	4.32	0.65	7.11	0.39	0.87	7.97	6.8	38.9	Clear	No Odor
9:50	5	100	4.32	0.78	7.17	0.40	1.09	7.54	6.7	39.6	Clear	No Odor
9:55	5	100	4.32	0.91	7.18	0.40	1.01	7.56	6.9	38.4	Clear	No Odor
10:00	5	100	4.32	1.04	7.18	0.41	0.74	7.23	6.9	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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; near porch and window	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-119S			Date	2-19-20
Project Name/Location		Ford LTP		Weather	28.94 degrees F, 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)	4.06	Total Depth (ft-bmp)	12.34	Water Column (ft.)	8.28	Gallons in Well	1.35
		Pump Intake (ft-bmp)	5.56	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.16				
Sample Time: Label	15:05	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	13:58						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:00	0	100	4.11	0.00	7.23	0.83	12.30	3.74	6.7	58.8	Clear	No Odor
14:05	5	100	4.11	0.13	7.26	0.84	9.51	2.70	6.1	53.1	Clear	No Odor
14:10	5	100	4.11	0.26	7.27	0.84	5.86	2.52	6.5	47.3	Clear	No Odor
14:15	5	100	4.12	0.39	7.28	1.03	4.14	1.77	6.8	49.7	Clear	No Odor
14:20	5	100	4.12	0.52	7.28	1.22	3.78	1.41	6.7	43.6	Clear	No Odor
14:25	5	100	4.12	0.65	7.30	1.29	3.49	1.28	6.6	34.2	Clear	No Odor
14:30	5	100	4.12	0.78	7.31	1.35	3.21	1.24	6.7	26.6	Clear	No Odor
14:35	5	100	4.12	0.91	7.32	1.42	2.94	1.19	6.6	20.3	Clear	No Odor
14:40	5	100	4.12	1.04	7.33	1.48	2.76	1.10	6.8	12.2	Clear	No Odor
14:45	5	100	4.12	1.17	7.33	1.54	2.74	1.05	6.8	2.5	Clear	No Odor
14:50	5	100	4.12	1.30	7.34	1.52	2.02	1.06	6.7	-6.9	Clear	No Odor
14:55	5	100	4.12	1.43	7.35	1.54	1.85	1.07	7.0	-8.6	Clear	No Odor
15:00	5	100	4.12	1.56	7.36	1.63	2.47	0.95	6.5	-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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-121S			Date	2-13-20
Project Name/Location		Ford LTP		Weather	30.02 degrees F, Light Snow 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)	5.67	Total Depth (ft-bmp)	12.10	Water Column (ft.)	6.43	Gallons in Well	1.04
		Pump Intake (ft-bmp)	7.17	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.88				
Sample Time: Label	11:15	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	10:34						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:35	0	100	5.70	0.00	7.41	0.62	36.60	4.35	6.4	80.4	Clear	No Odor
10:40	5	100	5.70	0.13	7.40	0.63	32.50	2.19	7.5	73.8	Clear	No Odor
10:45	5	100	5.71	0.26	7.39	0.64	19.50	1.82	7.7	71.5	Clear	No Odor
10:50	5	100	5.71	0.39	7.40	0.64	10.40	1.50	8.1	70.3	Clear	No Odor
10:55	5	100	5.71	0.52	7.40	0.64	5.92	1.43	8.2	68.7	Clear	No Odor
11:00	5	100	5.71	0.65	7.41	0.64	3.11	1.40	8.3	66.5	Clear	No Odor
11:05	5	100	5.71	0.78	7.41	0.64	2.59	1.37	8.3	64.3	Clear	No Odor
11:10	5	100	5.71	0.91	7.41	0.64	1.94	1.38	8.3	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-123S			Date	2-5-20
Project Name/Location	Ford LTP			Weather	28.94 degrees F, 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)	0.80	Total Depth (ft-bmp)	12.50	Water Column (ft.)	11.70	Gallons in Well	1.90
		Pump Intake (ft-bmp)	2.30	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.08				
Sample Time: Label	16:25	Volume Purged	3.96 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
Purge Start	15:25						
Purge End	16:25						

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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:25	0	250	0.80	0.00	7.46	0.79	56.80	1.70	4.7	311.5	Clear	No Odor
15:30	5	250	0.80	0.33	7.49	0.77	51.10	1.57	4.7	308.7	Clear	No Odor
15:35	5	250	0.80	0.66	7.24	1.68	7.32	0.48	5.6	308.1	Clear	No Odor
15:40	5	250	0.80	0.99	7.26	1.92	11.60	0.43	5.9	302.7	Clear	No Odor
15:45	5	250	0.80	1.32	725.00	1.97	3.48	0.41	5.6	298.2	Clear	No Odor
15:50	5	250	0.80	1.65	7.25	2.03	4.78	0.40	5.6	290.2	Clear	No Odor
15:55	5	250	0.80	1.98	7.24	2.00	4.37	0.42	5.4	279.5	Clear	No Odor
16:00	5	250	0.80	2.31	7.18	2.32	4.43	0.20	5.9	270.5	Clear	No Odor
16:05	5	250	0.80	2.64	7.22	2.35	0.29	0.07	5.9	251.4	Clear	No Odor
16:10	5	250	0.80	2.97	7.23	2.25	0.21	1.09	5.8	210.5	Clear	No Odor
16:15	5	250	0.80	3.30	7.27	0.89	0.02	2.15	5.8	218.7	Clear	No Odor
16:20	5	250	0.80	3.63	7.13	1.98	0.02	0.49	5.2	222.9	Clear	No Odor
16:25	5	250	0.80	3.96	7.21	2.02	0.02	0.42	5.3	210.0	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:	12075 Brewster - 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.	30042006.0402.02	Well ID	MW-125			Date	2-3-20
Project Name/Location		Ford LTP		Weather	39.92 degrees F, Mostly 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)	0.93	Total Depth (ft-bmp)	11.78	Water Column (ft.)	10.85	Gallons in Well	1.76
		Pump Intake (ft-bmp)	9.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.45				
Sample Time: Label	12:20	Volume Purged	0.79 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	11:43						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:45	0	100	0.99	0.00	6.68	1.97	23.70	0.68	7.5	-14.3	Small Brown Particulates	No Odor
11:50	5	100	0.99	0.13	6.70	1.97	11.40	0.38	7.4	-23.7	Small Brown Particulates	No Odor
11:55	5	108	1.00	0.26	6.71	1.97	5.64	0.25	7.8	-32.1	Clear	No Odor
12:00	5	100	1.00	0.40	6.72	1.96	3.97	0.21	8.3	-36.5	Clear	No Odor
12:05	5	100	1.00	0.53	6.72	1.96	2.92	0.18	8.4	-39.1	Clear	No Odor
12:10	5	100	1.00	0.66	6.73	1.97	2.79	0.17	8.3	-40.5	Clear	No Odor
12:15	5	100	1.00	0.79	6.74	1.97	2.46	0.17	8.2	-41.8	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:	35601 Veronica	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.	30042006.0402.02	Well ID	MW-125S			Date	2-4-20
Project Name/Location		Ford LTP		Weather	37.04 degrees F, 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)	0.98	Total Depth (ft-bmp)	6.76	Water Column (ft.)	5.78	Gallons in Well	0.94
		Pump Intake (ft-bmp)	2.48	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.97				
Sample Time: Label	9:20	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:40	0	100	1.01	0.00	7.12	0.72	2.61	0.66	4.9	32.8	Clear	Faint Odor
8:45	5	100	1.02	0.13	7.07	1.14	0.97	0.33	5.0	2.9	Clear	No Odor
8:50	5	100	1.02	0.26	6.61	1.82	0.35	0.33	6.0	-1.5	Clear	No Odor
8:55	5	100	1.02	0.39	6.72	1.87	0.46	0.27	6.0	-18.4	Clear	No Odor
9:00	5	100	1.02	0.52	6.72	1.88	0.02	0.23	6.0	-18.8	Clear	No Odor
9:05	5	100	1.03	0.65	6.75	1.85	0.07	0.20	5.9	-28.7	Clear	No Odor
9:10	5	100	1.03	0.78	6.76	1.86	0.28	0.17	5.9	-33.4	Clear	No Odor
9:15	5	100	1.03	0.91	6.77	1.87	0.28	0.14	5.9	-37.4	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:	35601 Veronica	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.	30042006.0402.02	Well ID	MW-126S			Date	2-12-20
Project Name/Location		Ford LTP		Weather	24.98 degrees F, Fog/Mist		
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	Low-Flow
		Well Volumes Purged	1.03				
Sample Time: Label	10:10	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	9:32						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:35	0	100	8.17	0.00	7.36	0.40	4.95	5.95	7.1	108.6	Clear	No Odor
9:40	5	100	8.17	0.13	7.30	0.40	4.44	0.90	8.6	88.2	Clear	No Odor
9:45	5	100	8.17	0.26	7.31	0.40	3.76	0.72	8.8	84.0	Clear	No Odor
9:50	5	100	8.17	0.39	7.32	0.40	3.66	0.60	9.1	79.0	Clear	No Odor
9:55	5	100	8.18	0.52	7.34	0.39	3.53	0.60	9.1	74.6	Clear	No Odor
10:00	5	100	8.18	0.65	7.34	0.39	2.09	0.61	9.2	71.7	Clear	No Odor
10:05	5	100	8.18	0.78	7.34	0.39	2.63	0.62	9.2	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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; in front of fence	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.	30042006.0402.02	Well ID	MW-127S			Date	2-7-20
Project Name/Location	Ford LTP			Weather	26.96 degrees 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)	1.53	Total Depth (ft-bmp)	12.29	Water Column (ft.)	10.76	Gallons in Well	1.75
		Pump Intake (ft-bmp)	3.03	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.76				
Sample Time: Label	11:25	Volume Purged	1.33 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
Purge Start	10:55						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:55	0	250	1.64	0.00	8.01	0.52	15.60	1.93	4.3	-22.2	Clear, Small Orange Particulates	No Odor
11:00	5	150	1.60	0.33	7.66	0.53	8.30	0.40	4.8	-26.4	Clear, Small Orange Particulates,	No Odor
11:05	5	150	1.58	0.53	7.59	0.53	4.01	0.26	4.4	-27.8	Clear, Small Orange Particulates	No Odor
11:10	5	150	1.58	0.73	7.56	0.53	3.32	0.17	4.1	-26.6	Clear, Small Orange Particulates	No Odor
11:15	5	150	1.57	0.93	7.55	0.53	2.14	0.24	4.2	-23.8	Clear, Small Orange Particulates,	No Odor
11:20	5	150	1.56	1.13	7.54	0.53	2.14	0.18	4.2	-23.0	Clear, Small White Particulates	No Odor
11:25	5	150	1.56	1.33	7.54	0.53	2.54	0.17	4.2	-22.0	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - Along 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.	30042006.0402.02	Well ID	MW-128S			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-14	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	6.50	Total Depth (ft-bmp)	13.09	Water Column (ft.)	6.59	Gallons in Well	1.07
		Pump Intake (ft-bmp)	8.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.43				
Sample Time: Label	14:25	Volume Purged	1.53 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
Purge Start	13:50						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:50	0	250	6.53	0.00	7.88	0.44	3.87	2.98	8.4	-28.6	Clear	No Odor
13:55	5	150	6.52	0.33	7.89	0.43	1.83	2.56	7.9	-27.9	Clear	No Odor
14:00	5	150	6.52	0.53	7.88	0.43	1.93	2.66	8.1	-27.6	Clear	No Odor
14:05	5	150	6.52	0.73	7.87	0.43	1.12	2.53	8.1	-23.9	Clear	No Odor
14:10	5	150	6.52	0.93	7.70	0.50	1.89	2.85	8.2	-10.5	Clear	No Odor
14:15	5	150	6.52	1.13	7.61	0.53	2.46	3.12	8.1	-3.7	Clear	No Odor
14:20	5	150	6.52	1.33	7.59	0.54	1.76	3.22	8.1	-2.2	Clear	No Odor
14:25	5	150	6.52	1.53	7.58	0.52	1.84	3.29	8.0	-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
1,4-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 PVC needs to cut flat so lock can fit properly.

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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.	30042006.0402.02	Well ID	MW-129			Date	2-3-20
Project Name/Location	Ford LTP			Weather	39.92 degrees F, Mostly 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)	2.83	Total Depth (ft-bmp)	14.59	Water Column (ft.)	11.76	Gallons in Well	1.91
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.48				
Sample Time: Label	13:55	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	13:13						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:15	0	100	2.94	0.00	7.53	0.67	45.60	0.61	9.5	-22.4	Small Brown Particulates	No Odor
13:20	5	100	2.95	0.13	7.46	0.65	35.90	0.30	9.5	-38.3	Small Brown Particulates	No Odor
13:25	5	100	2.95	0.26	7.43	0.65	22.80	0.22	9.6	-45.6	Small Brown Particulates	No Odor
13:30	5	100	2.95	0.39	7.42	0.65	20.20	0.21	9.6	-49.6	Small Brown Particulates	No Odor
13:35	5	100	2.95	0.52	7.41	0.65	20.10	0.23	9.5	-54.4	Small Brown Particulates	No Odor
13:40	5	100	2.95	0.65	7.41	0.65	15.20	0.19	9.6	-58.0	Clear	No Odor
13:45	5	100	2.95	0.78	7.38	0.66	15.30	0.39	9.5	-60.9	Clear	No Odor
13:50	5	100	2.95	0.91	7.40	0.65	15.40	0.23	9.6	-64.1	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	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.	30042006.0402.02	Well ID	MW-129S			Date	2-3-20
Project Name/Location	Ford LTP			Weather	46.94 degrees F, Mostly 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)	3.02	Total Depth (ft-bmp)	6.81	Water Column (ft.)	3.79	Gallons in Well	0.62
		Pump Intake (ft-bmp)	4.52	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.68				
Sample Time: Label	15:15	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	14:26						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:30	0	100	3.06	0.00	7.28	0.54	37.00	1.40	6.4	38.3	Small Orange Particulates	No Odor
14:35	5	100	3.08	0.13	7.25	0.55	10.90	1.16	6.2	36.0	Small Orange Particulates	No Odor
14:40	5	100	3.09	0.26	7.22	0.56	7.99	0.87	6.1	29.0	Clear	No Odor
14:45	5	100	3.09	0.39	7.20	0.57	4.81	0.78	6.1	23.5	Clear	No Odor
14:50	5	100	3.09	0.52	7.20	0.57	4.48	0.74	6.1	19.1	Clear	No Odor
14:55	5	100	3.09	0.65	7.19	0.57	3.24	0.89	6.1	15.7	Clear	No Odor
15:00	5	100	3.09	0.78	7.20	0.57	4.70	0.60	6.2	12.1	Clear	No Odor
15:05	5	100	3.09	0.91	7.20	0.57	4.21	0.56	6.2	11.0	Clear	No Odor
15:10	5	100	3.09	1.04	7.20	0.58	2.91	0.55	6.2	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	1.5" = 0.09	2.5" = 0.26	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	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.	30042006.0402.02	Well ID	MW-130S			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees 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)	2.91	Total Depth (ft-bmp)	13.21	Water Column (ft.)	10.30	Gallons in Well	1.67
		Pump Intake (ft-bmp)	4.41	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.16				
Sample Time: Label	12:55	Volume Purged	1.93 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
Purge Start	12:10						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:10	0	250	2.94	0.00	7.76	0.73	26.20	2.44	8.8	-12.1	Clear, Small White Particulates	No Odor
12:15	5	150	2.91	0.33	7.53	0.74	13.90	1.96	8.3	-10.5	Clear, Small White Particulates	No Odor
12:20	5	150	2.90	0.53	7.44	0.72	12.70	1.75	8.1	-8.4	Clear, Small White Particulates	No Odor
12:25	5	150	2.90	0.73	7.44	0.72	11.80	1.82	8.2	-7.8	Clear, Small White Particulates	No Odor
12:30	5	150	2.90	0.93	7.22	1.50	12.40	1.01	8.3	-20.1	Clear, Small White Particulates	No Odor
12:35	5	150	2.90	1.13	7.13	2.10	8.23	0.51	8.3	-54.0	Clear, Small White Particulates	No Odor
12:40	5	150	2.90	1.33	7.12	2.39	5.60	0.93	8.6	-73.3	Clear, Small Black Particulates	No Odor
12:45	5	150	2.90	1.53	7.13	2.37	4.92	0.44	8.6	-75.3	Clear, Small Black Particulates	No Odor
12:50	5	150	2.90	1.73	7.13	2.40	3.80	0.36	8.6	-76.0	Clear, Small White Particulates	No Odor
12:55	5	150	2.90	1.93	7.14	2.41	4.07	0.32	8.7	-77.0	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - Next to 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.	30042006.0402.02	Well ID	MW-143S			Date	2-7-20
Project Name/Location		Ford LTP		Weather	26.96 degrees F, 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)	6.90	Total Depth (ft-bmp)	10.50	Water Column (ft.)	3.60	Gallons in Well	0.58
		Pump Intake (ft-bmp)	8.40	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	3.14				
Sample Time: Label	11:10	Volume Purged	1.82 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
Purge Start	10:35						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:35	0	200	6.90	0.00	7.02	0.49	0.02	2.31	8.6	188.8	Clear	No Odor
10:40	5	200	6.94	0.26	7.21	0.47	0.91	1.74	8.8	109.1	Clear	No Odor
10:45	5	200	6.94	0.52	7.19	0.49	0.63	1.85	9.0	113.3	Clear	No Odor
10:50	5	200	6.95	0.78	7.19	0.46	4.00	1.59	9.1	118.5	Clear	No Odor
10:55	5	200	6.95	1.04	7.19	0.46	3.91	1.43	9.2	123.6	Clear	No Odor
11:00	5	200	6.95	1.30	7.18	0.46	3.98	1.29	9.3	126.7	Clear	No Odor
11:05	5	200	6.95	1.56	7.18	0.46	3.87	1.26	9.3	130.3	Clear	No Odor
11:10	5	200	6.95	1.82	7.16	0.46	3.57	1.29	9.2	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 10 ft east of tree	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-144S			Date	2-11-20
Project Name/Location		Ford LTP		Weather	39.02 degrees F, 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)	7.79	Total Depth (ft-bmp)	11.51	Water Column (ft.)	3.72	Gallons in Well	0.60
		Pump Intake (ft-bmp)	9.29	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.00				
Sample Time: Label	14:51	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Madison Olender
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:20	0	150	7.14	0.00	7.48	0.64	6.98	4.06	8.7	219.6	Clear	No Odor
14:25	5	150	7.79	0.20	7.37	0.63	4.76	3.47	8.7	211.9	Clear	No Odor
14:30	5	150	7.79	0.40	7.37	0.63	2.95	3.19	8.7	210.1	Clear	No Odor
14:35	5	150	7.79	0.60	7.36	0.63	1.96	3.42	8.5	209.0	Clear	No Odor
14:40	5	150	7.79	0.80	7.37	0.63	1.78	2.96	8.6	208.2	Clear	No Odor
14:45	5	150	7.79	1.00	7.36	0.63	0.94	3.00	8.6	207.6	Clear	No Odor
14:50	5	150	7.79	1.20	7.36	0.64	0.23	2.79	8.6	207.7	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 vault was full of water, removed before sampling

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-145S			Date	2-7-20
Project Name/Location	Ford LTP			Weather	28.94 degrees F, Light Snow		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.68	Total Depth (ft-bmp)	11.00	Water Column (ft.)	5.32	Gallons in Well	0.86
		Pump Intake (ft-bmp)	7.18	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.12				
Sample Time: Label	12:35	Volume Purged	1.82 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
Purge Start	12:00						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:00	0	200	5.70	0.00	7.42	0.19	41.80	5.89	8.1	238.6	Clear, Small White Particulates	No Odor
12:05	5	200	5.69	0.26	7.43	0.19	37.00	5.51	7.5	232.1	Clear	No Odor
12:10	5	200	5.68	0.52	7.45	0.20	32.00	4.55	7.5	231.2	Clear	No Odor
12:15	5	200	5.69	0.78	7.44	0.20	28.40	4.37	7.5	230.3	Clear	No Odor
12:20	5	200	5.68	1.04	7.44	0.20	27.20	4.39	7.5	230.5	Clear	No Odor
12:25	5	200	5.68	1.30	7.44	0.20	22.50	4.36	7.5	229.9	Clear	No Odor
12:30	5	200	5.68	1.56	7.43	0.21	22.90	4.29	7.6	229.3	Clear	No Odor
12:35	5	200	5.68	1.82	7.44	0.21	21.60	4.24	7.6	228.5	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - Back yard 15 ft south of 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.	30042006.0402.02	Well ID	MW-146S			Date	2-6-20
Project Name/Location		Ford LTP		Weather	26.06 degrees F, Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.52	Total Depth (ft-bmp)	11.00	Water Column (ft.)	6.48	Gallons in Well	1.05
		Pump Intake (ft-bmp)	6.02	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.33				
Sample Time: Label	11:10	Volume Purged	1.4 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
Purge Start	10:40						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	150	4.50	0.00	6.95	0.74	38.20	6.00	8.0	221.8	Clear	No Odor
10:45	5	180	4.55	0.20	7.15	0.80	20.30	4.91	8.3	185.2	Clear	No Odor
10:50	5	180	4.55	0.44	7.16	0.80	24.80	4.78	8.3	163.2	Clear	No Odor
10:55	5	180	4.55	0.68	7.16	0.79	29.30	4.91	8.3	158.2	Clear	No Odor
11:00	5	180	4.55	0.92	7.16	0.79	12.10	4.93	8.2	158.8	Clear	No Odor
11:05	5	180	4.55	1.16	7.15	0.79	11.70	4.88	8.3	157.9	Clear	No Odor
11:10	5	180	4.55	1.40	7.14	0.79	11.30	4.73	8.3	153.9	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:	34367 Captiol - 10 ft east of porch	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-147S			Date	2-6-20
Project Name/Location		Ford LTP		Weather	26.96 degrees F, Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	2.90	Total Depth (ft-bmp)	7.00	Water Column (ft.)	4.10	Gallons in Well	0.67
		Pump Intake (ft-bmp)	4.40	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.33				
Sample Time: Label	12:15	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
Purge Start	11:45						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:45	0	200	2.90	0.00	7.41	0.70	2.74	16.90	6.3	227.5	Clear	No Odor
11:50	5	200	2.95	0.26	7.40	0.70	4.11	1.89	6.3	222.9	Clear	No Odor
11:55	5	200	2.95	0.52	7.37	0.70	3.02	1.82	6.2	214.5	Clear	No Odor
12:00	5	200	2.95	0.78	7.38	0.69	3.27	1.93	6.2	213.2	Clear	No Odor
12:05	5	200	2.95	1.04	7.37	0.69	2.07	1.90	6.1	198.9	Clear	No Odor
12:10	5	200	2.95	1.30	7.36	0.69	1.50	1.90	6.1	200.1	Clear	No Odor
12:15	5	200	2.95	1.56	7.36	0.69	2.18	1.96	6.1	194.3	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:	34401 Capitol - Middle of yard, 2 ft off sidewalk	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-148S			Date	2-4-20
Project Name/Location		Ford LTP		Weather	35.96 degrees F, 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)	1.40	Total Depth (ft-bmp)	6.32	Water Column (ft.)	4.92	Gallons in Well	0.80
		Pump Intake (ft-bmp)	2.90	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.50				
Sample Time: Label	16:10	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
Purge Start	15:40						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:40	0	150	1.47	0.00	7.90	0.87	3.45	1.99	5.1	21.1	Clear	No Odor
15:45	5	150	1.41	0.20	7.53	0.91	4.36	0.73	5.2	17.2	Clear	No Odor
15:50	5	150	1.41	0.40	7.50	0.93	4.20	0.69	5.1	13.8	Clear	No Odor
15:55	5	150	1.42	0.60	7.45	0.94	4.52	0.65	5.2	11.4	Clear	No Odor
16:00	5	150	1.42	0.80	7.43	0.94	2.21	0.59	5.2	10.8	Clear	No Odor
16:05	5	150	1.42	1.00	7.43	0.93	1.85	0.58	5.1	10.7	Clear	No Odor
16:10	5	150	1.43	1.20	7.43	0.93	1.90	0.57	5.1	10.6	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - 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.	30042006.0402.02	Well ID	MW-149S			Date	2-7-20
Project Name/Location		Ford LTP		Weather	26.96 degrees F, 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)	0.33	Total Depth (ft-bmp)	6.50	Water Column (ft.)	6.17	Gallons in Well	1.00
		Pump Intake (ft-bmp)	1.83	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.13				
Sample Time: Label	10:20	Volume Purged	2.13 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
Purge Start	9:30						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:30	0	250	0.36	0.00	7.01	2.13	199.00	0.75	4.6	106.3	Cloudy, Orange, Small Orange Particulates	No Odor
9:35	5	150	0.38	0.33	7.07	2.12	52.50	0.72	4.6	71.7	Clear, Small Orange Particulates	No Odor
9:40	5	150	0.38	0.53	7.12	2.12	29.50	0.35	4.4	30.3	Clear, Small Orange Particulates	No Odor
9:45	5	150	0.38	0.73	7.14	2.11	27.80	0.27	4.4	12.6	Clear, Small Orange Particulates	No Odor
9:50	5	150	0.38	0.93	7.15	2.11	22.00	0.23	4.5	2.0	Clear, Small Orange Particulates	No Odor
9:55	5	150	0.38	1.13	7.17	2.13	12.40	0.13	4.6	-18.2	Clear, Small Orange Particulates	No Odor
10:00	5	150	0.38	1.33	7.18	2.13	6.85	0.11	4.5	-22.7	Clear, Small Orange Particulates	No Odor
10:05	5	150	0.38	1.53	7.19	2.15	5.50	0.70	4.6	-31.2	Clear, Small Orange Particulates	No Odor
10:10	5	150	0.38	1.73	7.19	2.15	4.91	0.36	4.6	-33.3	Clear, Small Orange Particulates	No Odor
10:15	5	150	0.38	1.93	7.20	2.16	4.10	0.16	4.7	-37.0	Clear, Small Orange Particulates	No Odor
10:20	5	150	0.38	2.13	7.20	2.17	3.50	0.08	4.7	-40.3	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
1,4-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 Water was inside vault, slightly above the cap to the well. Water was bailed out before opening cap and sampling.

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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.	30042006.0402.02	Well ID	MW-150S			Date	2-7-20
Project Name/Location	Ford LTP			Weather	28.94 degrees F, 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)	2.66	Total Depth (ft-bmp)	6.74	Water Column (ft.)	4.08	Gallons in Well	0.66
		Pump Intake (ft-bmp)	4.16	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.92				
Sample Time: Label	0:45	Volume Purged	1.93 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
Purge Start	12:00						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:00	0	250	2.72	0.00	7.91	0.64	6.89	4.07	4.9	0.3	Clear, Small Orange Particulates,	No Odor
12:05	5	150	2.70	0.33	7.22	0.76	5.29	1.62	5.3	-0.5	Clear, Small Orange Particulates,	No Odor
12:10	5	150	2.70	0.53	7.05	0.91	4.70	0.50	5.6	-0.5	Clear, Small Orange Particulates,	No Odor
12:15	5	150	2.70	0.73	6.99	1.03	3.95	0.30	5.7	11.8	Clear, Small Orange Particulates,	No Odor
12:20	5	150	2.70	0.93	6.96	1.80	2.90	0.20	5.7	36.2	Clear, Small Orange Particulates,	No Odor
12:25	5	150	2.70	1.13	7.01	1.81	2.54	0.28	5.6	32.9	Clear, Small Orange Particulates,	No Odor
12:30	5	150	2.70	1.33	7.00	1.90	2.32	0.22	5.9	32.6	Clear, Small White Particulates	No Odor
12:35	5	150	2.70	1.53	7.02	2.01	3.37	0.41	5.9	28.5	Clear, Small White Particulates	No Odor
12:40	5	150	2.70	1.73	7.03	1.99	3.30	0.32	5.8	27.1	Clear, Small White Particulates	No Odor
12:45	5	150	2.70	1.93	7.03	1.98	3.62	0.27	5.8	26.5	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
1,4-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 Water was inside vault, slightly above the cap to the well. Water was bailed out before opening cap and sampling.

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - 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.	30042006.0402.02	Well ID	MW-151S			Date	2-4-20
Project Name/Location	Ford LTP			Weather	35.96 degrees F, 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)	0.89	Total Depth (ft-bmp)	6.92	Water Column (ft.)	6.03	Gallons in Well	0.98
		Pump Intake (ft-bmp)	2.39	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.45				
Sample Time: Label	13:35	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
Purge Start	12:35						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:35	0	150	0.89	0.00	8.11	0.70	21.60	5.66	4.7	124.7	Clear	No Odor
12:40	5	150	0.90	0.20	7.70	0.70	22.30	4.20	4.5	100.6	Clear	No Odor
12:45	5	150	0.90	0.40	7.48	0.79	24.30	2.83	4.5	100.1	Clear	No Odor
12:50	5	150	0.90	0.60	7.32	0.81	20.80	2.47	4.5	99.1	Clear	No Odor
12:55	5	150	0.90	0.80	7.30	0.85	21.00	2.36	4.6	97.2	Clear	No Odor
13:00	5	150	0.90	1.00	7.24	1.02	18.50	2.22	4.5	85.0	Clear	No Odor
13:05	5	150	0.90	1.20	7.24	1.13	17.40	2.02	4.6	80.4	Clear	No Odor
13:10	5	150	0.90	1.40	7.23	1.18	15.90	1.67	4.6	77.5	Clear	No Odor
13:15	5	150	0.90	1.60	7.23	1.24	13.10	1.59	4.6	76.5	Clear	No Odor
13:20	5	150	0.90	1.80	7.21	1.31	12.60	1.37	4.6	67.3	Clear	No Odor
13:25	5	150	0.90	2.00	7.21	1.38	10.10	1.25	4.7	64.0	Clear	No Odor
13:30	5	150	0.90	2.20	7.21	1.47	9.38	1.08	4.6	57.2	Clear	No Odor
13:35	5	150	0.90	2.40	7.21	1.48	8.70	0.98	4.7	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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.	30042006.0402.02	Well ID	MW-152S			Date	2-3-20
Project Name/Location	Ford LTP			Weather	51.08 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)	2.43	Total Depth (ft-bmp)	6.73	Water Column (ft.)	4.30	Gallons in Well	0.70
		Pump Intake (ft-bmp)	3.93	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	3.26				
Sample Time: Label	15:50	Volume Purged	2.28 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:50	0	200	2.60	0.00	8.65	0.11	34.00	10.05	6.4	83.3	Clear	No Odor
14:55	5	150	2.56	0.26	8.32	0.11	28.70	9.05	6.6	80.8	Clear	No Odor
15:00	5	150	2.57	0.46	7.96	0.11	29.30	8.92	6.5	81.4	Clear	No Odor
15:05	5	150	2.58	0.66	7.50	0.11	28.60	8.74	6.7	84.9	Clear	No Odor
15:10	5	150	2.57	0.86	7.49	0.11	29.00	8.63	6.7	85.9	Clear	No Odor
15:15	5	15	2.58	1.06	7.49	0.13	33.80	8.43	6.8	88.4	Clear	No Odor
15:20	5	150	2.57	1.08	7.49	0.14	34.00	8.60	6.7	91.3	Clear	No Odor
15:25	5	150	2.57	1.28	7.46	0.19	34.90	7.85	6.8	97.3	Clear	No Odor
15:30	5	150	2.58	1.48	7.42	0.29	26.10	6.91	6.8	104.5	Clear	No Odor
15:35	5	150	2.58	1.68	7.40	0.34	23.60	6.25	6.9	106.4	Clear	No Odor
15:40	5	150	2.58	1.88	7.39	0.39	22.30	5.67	6.9	107.7	Clear	No Odor
15:45	5	150	2.58	2.08	7.38	0.47	19.90	4.74	7.0	108.0	Clear	No Odor
15:50	5	150	2.58	2.28	7.37	0.50	19.20	4.42	7.1	107.8	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 1 bolt

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*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 - Backyard outside of fenced area	Well Locked at Arrival:	yes
Condition of Well:	Missing bolts	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-153S			Date	2-7-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	1.42	Total Depth (ft-bmp)	5.99	Water Column (ft.)	4.57	Gallons in Well	0.74
		Pump Intake (ft-bmp)	2.92	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.34				
Sample Time: Label	15:00	Volume Purged	1.73 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
Purge Start	14:20						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:20	0	250	1.45	0.00	7.89	0.52	2.43	4.93	5.6	8.8	Clear, Small White Particulates	No Odor
14:25	5	150	1.41	0.33	7.48	0.53	2.90	4.03	5.6	11.6	Clear, Small White Particulates	No Odor
14:30	5	150	1.42	0.53	7.38	0.80	7.62	2.38	5.7	34.1	Clear, Small White Particulates	No Odor
14:35	5	150	1.41	0.73	7.39	0.95	6.43	0.92	6.1	34.3	Clear, Small White Particulates	No Odor
14:40	5	150	1.40	0.93	7.39	0.95	5.92	0.89	6.0	33.9	Clear, Small White Particulates	No Odor
14:45	5	150	1.42	1.13	7.40	0.96	4.67	0.83	6.2	32.3	Clear, Small White Particulates	No Odor
14:50	5	150	1.42	1.33	7.40	0.96	4.47	0.81	5.9	32.3	Clear, Small White Particulates	No Odor
14:55	5	150	1.42	1.53	7.41	0.96	3.68	0.81	5.8	31.5	Clear, Small White Particulates	No Odor
15:00	5	150	1.42	1.73	7.42	0.95	3.05	0.76	5.8	30.6	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
1,4-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 Water was inside vault, slightly above the cap to the well. Water and overflowing bentonite were bailed out before opening cap and sampling.

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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.	30042006.0402.02	Well ID	MW-154S			Date	2-7-20
Project Name/Location	Ford LTP			Weather	30.92 degrees F, 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)	3.23	Total Depth (ft-bmp)	7.50	Water Column (ft.)	4.27	Gallons in Well	0.69
		Pump Intake (ft-bmp)	4.73	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	3.67				
Sample Time: Label	16:25	Volume Purged	2.53 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
Purge Start	15:25						
Purge End	16:25						

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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:25	0	250	3.28	0.00	8.58	0.44	7.92	5.97	6.3	26.0	Clear, Small White Particulates	No Odor
15:30	5	150	3.25	0.33	8.17	0.44	5.98	4.20	6.4	21.1	Clear, Small White Particulates	No Odor
15:35	5	150	3.25	0.53	7.95	0.43	2.72	3.55	6.3	14.2	Clear, Small White Particulates	No Odor
15:40	5	150	3.25	0.73	7.85	0.43	2.55	3.90	6.1	13.1	Clear, Small White Particulates	No Odor
15:45	5	150	3.25	0.93	7.79	0.44	4.90	3.54	6.1	15.5	Clear, Small White Particulates	No Odor
15:50	5	150	3.25	1.13	7.77	0.49	4.88	3.30	6.1	18.3	Clear, Small White Particulates	No Odor
15:55	5	150	3.25	1.33	7.72	0.54	3.90	2.22	6.1	29.4	Clear, Small White Particulates	No Odor
16:00	5	150	3.25	1.53	7.70	0.56	2.72	1.90	6.2	25.2	Clear, Small White Particulates	No Odor
16:05	5	150	3.25	1.73	7.66	0.56	5.05	1.78	6.3	30.3	Clear, Small White Particulates	No Odor
16:10	5	150	3.25	1.93	7.64	0.64	3.96	1.28	6.6	37.0	Clear, Small White Particulates	No Odor
16:15	5	150	3.25	2.13	7.59	0.66	4.32	0.89	6.7	36.6	Clear, Small White Particulates	No Odor
16:20	5	150	3.25	2.33	7.58	0.67	3.18	1.05	6.7	36.4	Clear, Small White Particulates	No Odor
16:25	5	150	3.25	2.53	7.58	0.69	2.97	0.93	6.8	37.0	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
1,4-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 Water was inside vault, slightly above the cap to the well. Water and sand were bailed out before opening cap and sampling.

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 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.	30042006.0402.02	Well ID	MW-155S			Date	2-11-20
Project Name/Location		Ford LTP		Weather	39.02 degrees F, 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)	2.33	Total Depth (ft-bmp)	6.40	Water Column (ft.)	4.07	Gallons in Well	0.66
		Pump Intake (ft-bmp)	3.83	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.58				
Sample Time: Label	14:45	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	13:57						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:00	0	100	2.36	0.00	6.97	1.21	15.20	4.41	7.2	93.4	Clear	No Odor
14:05	5	100	2.36	0.13	7.00	1.22	13.50	3.55	7.3	91.1	Clear	No Odor
14:10	5	100	2.36	0.26	7.13	1.16	7.62	1.94	7.4	72.7	Clear	No Odor
14:15	5	100	2.36	0.39	7.18	1.10	6.66	1.61	7.3	59.7	Clear	No Odor
14:20	5	100	2.36	0.52	7.19	1.05	3.86	1.42	7.4	53.5	Clear	No Odor
14:25	5	100	2.37	0.65	7.19	1.01	3.06	1.22	7.4	46.0	Clear	No Odor
14:30	5	100	2.37	0.78	7.20	0.98	2.87	1.14	7.4	40.4	Clear	No Odor
14:35	5	100	2.37	0.91	7.20	0.98	2.41	1.15	7.3	35.3	Clear	No Odor
14:40	5	100	2.37	1.04	7.20	0.96	2.11	1.12	7.2	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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	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.	30042006.0402.02	Well ID	MW-156S			Date	2-11-20
Project Name/Location		Ford LTP		Weather	35.96 degrees F, Mostly 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)	3.67	Total Depth (ft-bmp)	7.42	Water Column (ft.)	3.75	Gallons in Well	0.61
		Pump Intake (ft-bmp)	5.17	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.49				
Sample Time: Label	13:20	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	12:38						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:40	0	100	3.71	0.00	7.53	0.97	5.52	7.29	7.1	-37.9	Clear	No Odor
12:45	5	100	3.71	0.13	7.37	0.64	5.98	5.93	6.6	-13.5	Clear	No Odor
12:50	5	100	3.71	0.26	7.31	0.51	5.64	5.60	6.6	6.6	Clear	No Odor
12:55	5	100	3.71	0.39	7.28	0.44	4.18	5.39	6.6	11.5	Clear	No Odor
13:00	5	100	3.71	0.52	7.28	0.44	4.17	5.03	6.6	17.1	Clear	No Odor
13:05	5	100	3.72	0.65	7.28	0.44	3.42	4.67	6.6	21.2	Clear	No Odor
13:10	5	100	3.72	0.78	7.29	0.45	2.47	4.50	6.6	24.3	Clear	No Odor
13:15	5	100	3.72	0.91	7.29	0.45	2.13	4.50	6.7	26.4	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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:	no
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.	30042006.0402.02	Well ID	MW-157S			Date	2-11-20
Project Name/Location		Ford LTP		Weather	35.96 degrees F, Mostly 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)	4.05	Total Depth (ft-bmp)	7.18	Water Column (ft.)	3.13	Gallons in Well	0.51
		Pump Intake (ft-bmp)	5.55	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.92				
Sample Time: Label	14:05	Volume Purged	1.49 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
Purge Start	13:35						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:35	0	180	4.07	0.00	7.93	0.19	4.05	8.87	7.6	178.2	Clear	No Odor
13:40	6	180	4.10	0.29	7.95	0.14	1.25	8.40	7.7	187.4	Clear	No Odor
13:45	5	180	4.10	0.53	7.93	0.14	1.54	7.73	7.8	193.6	Clear	No Odor
13:50	5	180	4.10	0.77	7.98	0.16	1.43	6.38	7.9	198.1	Clear	No Odor
13:55	5	180	4.10	1.01	7.97	0.16	1.07	6.32	7.9	200.2	Clear	No Odor
14:00	5	180	4.10	1.25	7.97	0.16	0.30	6.35	7.9	203.3	Clear	No Odor
14:05	5	180	4.10	1.49	7.96	0.16	1.08	6.13	7.9	207.0	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - Front yard by large tree	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-158S			Date	2-20-20
Project Name/Location		Ford LTP		Weather	21.02 degrees F, 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)	4.72	Total Depth (ft-bmp)	7.18	Water Column (ft.)	2.46	Gallons in Well	0.40
		Pump Intake (ft-bmp)	6.22	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.95				
Sample Time: Label	15:45	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	15:08						
Purge End	15:49						

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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:10	0	100	4.77	0.00	7.77	0.14	179.00	17.39	6.0	-35.7	Cloudy	No Odor
15:15	5	100	4.77	0.13	6.82	0.11	84.10	10.08	6.2	16.6	Cloudy	No Odor
15:20	5	100	4.77	0.26	6.67	0.06	47.40	11.12	6.0	40.4	Clear	No Odor
15:25	5	100	4.78	0.39	6.49	0.06	16.60	10.90	6.1	60.5	Clear	No Odor
15:30	5	100	4.78	0.52	6.40	0.07	12.40	10.66	6.0	73.5	Clear	No Odor
15:35	5	100	4.78	0.65	6.36	0.07	12.80	10.74	6.0	76.9	Clear	No Odor
15:40	5	100	4.78	0.78	6.38	0.07	13.50	10.74	5.9	80.1	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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-159S			Date	2-19-20
Project Name/Location		Ford LTP		Weather	21.92 degrees F, Mostly Clear		
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)	8.57	Water Column (ft.)	2.85	Gallons in Well	0.46
		Pump Intake (ft-bmp)	7.22	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.26				
Sample Time: Label	11:25	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	10:39						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	100	5.78	0.00	7.59	0.40	9.44	6.77	6.1	5.0	Clear	No Odor
10:45	5	100	5.78	0.13	7.59	0.40	6.91	4.31	6.0	4.9	Clear	No Odor
10:50	5	100	5.78	0.26	7.51	0.39	4.92	3.06	6.1	9.1	Clear	No Odor
10:55	5	100	5.78	0.39	7.46	0.40	4.19	2.30	6.2	14.6	Clear	No Odor
11:00	5	100	5.78	0.52	7.45	0.41	3.99	2.29	6.1	17.3	Clear	No Odor
11:05	5	100	5.78	0.65	7.43	0.41	3.74	1.92	6.5	19.9	Clear	No Odor
11:10	5	100	5.78	0.78	7.42	0.42	3.51	1.81	6.4	21.3	Clear	No Odor
11:15	5	100	5.78	0.91	7.42	0.42	2.88	1.74	6.3	22.3	Clear	No Odor
11:20	5	100	5.78	1.04	7.42	0.42	2.13	1.72	6.3	23.1	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 of house near bushes	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.	30042006.0402.02	Well ID	MW-160S			Date	2-11-20
Project Name/Location		Ford LTP		Weather	30.02 degrees F, 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)	4.57	Total Depth (ft-bmp)	8.38	Water Column (ft.)	3.81	Gallons in Well	0.62
		Pump Intake (ft-bmp)	6.07	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.71				
Sample Time: Label	11:00	Volume Purged	1.68 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
Purge Start	10:25						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:25	0	180	4.57	0.00	7.27	0.28	6.45	8.43	6.6	204.9	Clear, Small Brown Particulates	No Odor
10:30	5	180	4.62	0.24	7.40	0.28	6.14	8.11	6.7	200.2	Small Brown Particulates	No Odor
10:35	5	180	4.63	0.48	7.40	0.28	5.60	8.08	6.6	199.8	Clear, Small Brown Particulates	No Odor
10:40	5	180	4.64	0.72	7.35	0.29	5.95	8.17	6.7	202.8	Clear, Small Brown Particulates	No Odor
10:45	5	180	4.65	0.96	7.33	0.30	5.90	7.48	6.7	205.0	Small White Particulates	No Odor
10:50	5	180	4.65	1.20	7.31	0.30	4.89	7.17	6.8	208.3	Clear	No Odor
10:55	5	180	4.65	1.44	7.31	0.30	4.17	7.11	6.8	211.9	Clear	No Odor
11:00	5	180	4.65	1.68	7.31	0.31	3.87	7.00	6.7	213.4	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
1,4-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 Casing is jagged at the top and poses possible hazard. Could be cut down

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*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 next to trailer	Well Locked at Arrival:	yes
Condition of Well:	Casing broken, Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-161S			Date	2-19-20
Project Name/Location		Ford LTP		Weather	21.92 degrees F, 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)	3.64	Total Depth (ft-bmp)	7.71	Water Column (ft.)	4.07	Gallons in Well	0.66
		Pump Intake (ft-bmp)	5.14	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.77				
Sample Time: Label	12:55	Volume Purged	1.17 gallons	Replicate/Code No.	MW-161S-MS/MSD_021920	Sampled by	Shantel Johnson
Purge Start	12:04						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:05	0	100	3.69	0.00	7.22	0.45	8.79	8.38	5.7	24.7	Clear	No Odor
12:10	5	100	3.69	0.13	7.09	0.45	7.22	2.21	5.8	15.0	Clear	No Odor
12:15	5	100	3.69	0.26	7.09	0.45	9.43	1.85	5.9	14.2	Clear	No Odor
12:20	5	100	3.70	0.39	7.10	0.45	10.20	1.75	6.2	13.7	Clear	No Odor
12:25	5	100	3.70	0.52	7.12	0.45	7.58	1.83	6.0	13.9	Clear	No Odor
12:30	5	100	3.70	0.65	7.13	0.45	6.78	1.58	6.0	13.9	Clear	No Odor
12:35	5	100	3.70	0.78	7.13	0.45	6.43	1.72	6.2	14.2	Clear	No Odor
12:40	5	100	3.70	0.91	7.15	0.45	5.64	1.60	6.1	13.5	Clear	No Odor
12:45	5	100	3.70	1.04	7.16	0.45	5.78	1.58	6.1	13.4	Clear	No Odor
12:50	5	100	3.70	1.17	7.16	0.45	5.24	1.47	6.1	12.6	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
1,4-dioxane	40 mL Glass	9	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	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:	34851 Beacon	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.	30042006.0402.02	Well ID	MW-162S			Date	2-6-20
Project Name/Location		Ford LTP		Weather	24.98 degrees F, Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.39	Total Depth (ft-bmp)	8.00	Water Column (ft.)	3.61	Gallons in Well	0.59
		Pump Intake (ft-bmp)	5.89	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	4.47				
Sample Time: Label	10:00	Volume Purged	2.64 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
Purge Start	9:20						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:20	0	250	4.39	0.00	7.96	0.14	34.80	14.10	6.1	245.0	Clear	No Odor
9:25	5	250	4.44	0.33	5.75	0.08	25.70	9.96	6.4	264.4	Clear	No Odor
9:30	5	250	4.43	0.66	5.92	0.09	18.80	9.71	6.4	246.2	Clear	No Odor
9:35	5	250	4.42	0.99	6.12	0.09	6.40	9.80	6.4	235.9	Clear	No Odor
9:40	5	250	4.43	1.32	6.21	0.09	4.31	9.62	6.4	231.8	Clear	No Odor
9:45	5	250	4.43	1.65	6.36	0.10	3.87	9.51	6.4	227.1	Clear	No Odor
9:50	5	250	4.43	1.98	6.39	0.10	1.78	9.51	6.4	224.3	Clear	No Odor
9:55	5	250	4.43	2.31	6.43	0.10	1.03	9.44	6.4	224.6	Clear	No Odor
10:00	5	250	4.43	2.64	6.49	0.10	0.78	9.40	6.4	225.2	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:	12017 Brewster - In front of shed window	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-163S			Date	2-3-20
Project Name/Location		Ford LTP		Weather	44.96 degrees F, Mostly 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)	2.65	Total Depth (ft-bmp)	8.00	Water Column (ft.)	5.35	Gallons in Well	0.87
		Pump Intake (ft-bmp)	4.15	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.38				
Sample Time: Label	14:00	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
Purge Start	13:30						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:30	0	150	2.72	0.00	8.12	0.35	15.10	7.25	7.3	80.9	Clear	No Odor
13:35	5	150	2.73	0.20	7.87	0.34	8.70	7.22	7.2	81.9	Clear	No Odor
13:40	5	150	2.72	0.40	7.72	0.34	12.10	7.08	7.3	83.1	Clear	No Odor
13:45	5	150	2.72	0.60	7.57	0.35	5.33	7.03	7.3	76.3	Clear	No Odor
13:50	5	150	2.72	0.80	7.56	0.34	4.79	6.99	7.3	76.5	Clear	No Odor
13:55	5	150	2.72	1.00	7.56	0.35	3.32	6.98	7.3	77.2	Clear	No Odor
14:00	5	150	2.72	1.20	7.55	0.35	3.80	6.88	7.4	79.3	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 Casing needs to be cut down so it's flat

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-164S			Date	2-21-20
Project Name/Location		Ford LTP		Weather	26.06 degrees F, Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.50	Total Depth (ft-bmp)	7.45	Water Column (ft.)	2.95	Gallons in Well	0.48
		Pump Intake (ft-bmp)	6.00	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.90				
Sample Time: Label	13:25	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	12:43						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:45	0	100	4.55	0.00	7.32	0.14	14.70	10.54	5.2	71.4	Clear	No Odor
12:50	5	100	4.54	0.13	7.31	0.15	11.10	10.38	5.2	72.2	Clear	No Odor
12:55	5	100	4.54	0.26	7.20	0.17	12.60	9.88	5.2	76.9	Clear	No Odor
13:00	5	100	4.55	0.39	7.20	0.21	10.00	9.04	5.4	81.7	Clear	No Odor
13:05	5	100	4.55	0.52	7.24	0.23	7.64	9.00	5.3	83.3	Clear	No Odor
13:10	5	100	4.55	0.65	7.29	0.24	5.62	8.63	5.3	83.2	Clear	No Odor
13:15	5	100	4.55	0.78	7.32	0.25	5.13	8.58	5.3	82.9	Clear	No Odor
13:20	5	100	4.55	0.91	7.34	0.25	5.11	8.56	5.4	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-165S			Date	2-21-20
Project Name/Location		Ford LTP		Weather	23.00 degrees F, Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	2-7	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.48	Total Depth (ft-bmp)	6.30	Water Column (ft.)	2.82	Gallons in Well	0.46
		Pump Intake (ft-bmp)	4.98	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.70				
Sample Time: Label	12:10	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	11:33						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:35	0	100	3.53	0.00	6.95	7.21	27.10	7.33	5.8	66.5	Clear	No Odor
11:40	5	100	3.53	0.13	6.61	0.51	17.60	5.53	5.7	61.3	Clear	No Odor
11:45	5	100	3.53	0.26	6.90	0.53	8.34	4.58	5.7	59.1	Clear	No Odor
11:50	5	100	3.54	0.39	6.90	0.55	4.29	3.82	5.7	58.7	Clear	No Odor
11:55	5	100	3.54	0.52	6.90	0.55	3.72	3.53	5.7	58.8	Clear	No Odor
12:00	5	100	3.54	0.65	6.91	0.56	3.33	3.35	5.7	59.8	Clear	No Odor
12:05	5	100	3.54	0.78	6.92	0.56	3.10	3.29	5.8	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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	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.	30042006.0402.02	Well ID	MW-166S			Date	2-7-20
Project Name/Location		Ford LTP		Weather	26.96 degrees F, 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)	6.42	Total Depth (ft-bmp)	11.00	Water Column (ft.)	4.58	Gallons in Well	0.74
		Pump Intake (ft-bmp)	7.92	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.47				
Sample Time: Label	10:02	Volume Purged	1.83 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
Purge Start	9:27						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:27	0	200	6.42	0.00	7.39	0.27	12.20	9.16	7.4	262.7	Small White Particulates	No Odor
9:32	5	200	6.45	0.26	7.60	0.46	1.51	5.26	8.0	238.0	Small White Particulates	No Odor
9:37	5	200	6.45	0.52	7.73	0.46	0.02	5.16	8.1	225.9	Clear	No Odor
9:42	5	200	6.45	0.78	7.34	0.61	0.02	3.24	8.2	156.9	Clear	No Odor
9:47	1440	200	6.44	1.05	7.15	1.11	0.02	2.67	8.2	120.4	Clear	No Odor
9:52	5	200	6.44	1.31	7.22	1.24	0.02	2.58	8.2	107.9	Clear	No Odor
9:57	5	200	6.44	1.57	7.25	1.26	0.02	2.52	8.3	104.5	Clear	No Odor
10:02	5	200	6.44	1.83	7.28	1.27	0.02	2.48	8.3	103.2	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:	12147 Stark - 10 ft south of pine tree	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-167S			Date	2-5-20
Project Name/Location		Ford LTP		Weather	26.96 degrees F, Mostly 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)	5.20	Total Depth (ft-bmp)	10.00	Water Column (ft.)	4.80	Gallons in Well	0.78
		Pump Intake (ft-bmp)	6.70	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.54				
Sample Time: Label	11:10	Volume Purged	1.98 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
Purge Start	10:40						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	250	5.20	0.00	7.31	0.49	2.33	9.03	6.8	279.8	Clear	No Odor
10:45	5	250	5.20	0.33	7.19	0.50	0.88	7.99	7.5	298.2	Clear	No Odor
10:50	5	250	5.22	0.66	7.26	0.50	0.71	8.03	7.7	303.8	Clear	No Odor
10:55	5	250	5.22	0.99	7.31	0.50	1.14	7.92	7.8	308.4	Clear	No Odor
11:00	5	250	5.22	1.32	7.34	0.51	0.09	7.86	7.8	313.1	Clear	No Odor
11:05	5	250	5.22	1.65	7.32	0.51	0.32	7.87	7.7	320.2	Clear	No Odor
11:10	5	250	5.22	1.98	7.34	0.51	0.02	7.79	7.8	321.5	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, about 10 ft from large pine	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-168S			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	2.35	Total Depth (ft-bmp)	6.87	Water Column (ft.)	4.52	Gallons in Well	0.73
		Pump Intake (ft-bmp)	3.85	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.30				
Sample Time: Label	13:25	Volume Purged	1.68 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
Purge Start	12:50						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:50	0	180	2.35	0.00	7.46	0.33	49.30	13.10	4.2	254.6	Clear, Small Orange Particulates	No Odor
12:55	5	180	3.36	0.24	7.22	0.81	40.00	2.81	6.2	243.9	Clear, Small Orange Particulates	No Odor
13:00	5	180	2.37	0.48	7.24	0.82	25.10	3.69	6.3	235.8	Clear, Small Brown Particulates	No Odor
13:05	5	180	2.37	0.72	7.26	0.81	20.60	4.25	6.3	233.8	Clear, Small Brown Particulates	No Odor
13:10	5	180	2.37	0.96	7.24	0.82	12.90	3.79	6.4	224.4	Clear, Small Brown Particulates	No Odor
13:15	5	180	2.37	1.20	7.23	0.82	8.99	3.53	6.3	216.3	Small Brown Particulates, Small White	No Odor
13:20	5	180	2.37	1.44	7.23	0.81	9.15	3.81	6.4	212.0	Small Brown Particulates, Small White	No Odor
13:25	5	180	2.37	1.68	7.23	0.82	8.86	3.82	6.4	209.3	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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.	30042006.0402.02	Well ID	MW-169S			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	2.12	Total Depth (ft-bmp)	6.50	Water Column (ft.)	4.38	Gallons in Well	0.71
		Pump Intake (ft-bmp)	3.62	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.56				
Sample Time: Label	14:31	Volume Purged	1.82 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
Purge Start	13:55						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:55	0	200	2.12	0.00	6.96	0.97	129.00	2.05	6.4	192.4	Small Brown Particulates, Small Red	No Odor
14:00	5	200	1.16	0.26	6.41	3.03	370.00	0.30	6.3	40.9	Cloudy	No Odor
14:05	5	200	1.16	0.52	6.78	1.51	48.00	0.96	6.1	-1.5	Small Brown Particulates	No Odor
14:10	5	200	1.16	0.78	7.18	1.12	30.40	0.85	5.8	-24.8	Small Brown Particulates	No Odor
14:15	5	200	1.16	1.04	7.14	0.76	4.52	0.24	5.9	10.5	Clear	No Odor
14:20	5	200	1.16	1.30	7.15	0.76	0.02	0.41	5.9	20.4	Clear	No Odor
14:25	5	200	1.16	1.56	7.16	0.76	0.02	0.40	5.9	26.9	Clear	No Odor
14:30	5	200	1.16	1.82	7.17	0.76	0.02	0.43	5.9	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
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	40 mL Glass	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 20 ft south of gate	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-170S			Date	2-20-20
Project Name/Location		Ford LTP		Weather	23.00 degrees F, 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)	5.97	Total Depth (ft-bmp)	9.52	Water Column (ft.)	3.55	Gallons in Well	0.58
		Pump Intake (ft-bmp)	7.47	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.79				
Sample Time: Label	13:00	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	12:14						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:15	0	100	6.02	0.00	7.57	0.69	5.41	2.36	7.2	9.9	Clear	No Odor
12:20	5	100	6.02	0.13	7.20	1.21	3.16	0.94	7.5	29.3	Clear	No Odor
12:25	5	100	6.02	0.26	7.14	2.02	2.91	0.41	7.7	36.8	Clear	No Odor
12:30	5	100	6.02	0.39	7.22	2.20	2.44	0.32	7.5	34.1	Clear	No Odor
12:35	5	100	6.02	0.52	7.24	2.36	2.19	0.25	7.7	27.8	Clear	No Odor
12:40	5	100	6.02	0.65	7.25	2.37	2.29	0.27	7.7	20.4	Clear	No Odor
12:45	5	100	6.02	0.78	7.25	2.48	1.64	0.30	7.7	7.6	Clear	No Odor
12:50	5	100	6.02	0.91	7.25	2.50	1.73	0.37	7.7	2.8	Clear	No Odor
12:55	5	100	6.02	1.04	7.25	2.52	1.73	0.39	7.8	0.7	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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-171S			Date	2-4-20
Project Name/Location		Ford LTP		Weather	35.06 degrees F, 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)	1.81	Total Depth (ft-bmp)	6.44	Water Column (ft.)	4.63	Gallons in Well	0.75
		Pump Intake (ft-bmp)	3.31	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	3.20				
Sample Time: Label	15:15	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
Purge Start	14:15						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:15	0	150	1.83	0.00	8.52	0.19	33.70	9.57	4.2	29.2	Clear	No Odor
14:20	5	150	1.83	0.20	8.29	0.19	32.20	9.31	4.3	21.8	Clear	No Odor
14:25	5	150	1.83	0.40	7.79	0.19	35.00	9.10	4.5	20.0	Clear	No Odor
14:30	5	150	1.83	0.60	7.67	0.22	38.20	8.96	4.5	37.5	Clear	No Odor
14:35	5	150	1.83	0.80	7.45	0.46	36.40	8.10	4.5	62.5	Clear	No Odor
14:40	5	150	1.83	1.00	7.25	0.76	24.20	3.99	4.6	43.8	Clear	No Odor
14:45	5	150	1.83	1.20	7.25	0.91	17.20	3.72	4.7	40.1	Clear	No Odor
14:50	5	150	1.83	1.40	7.25	1.00	14.30	3.50	4.7	36.3	Clear	No Odor
14:55	5	150	1.83	1.60	7.26	1.03	13.50	3.13	4.8	26.8	Clear	No Odor
15:00	5	150	1.83	1.80	7.27	1.05	12.60	3.21	4.8	20.6	Clear	No Odor
15:05	5	150	1.83	2.00	7.28	1.04	12.40	2.93	4.8	13.3	Clear	No Odor
15:10	5	150	1.83	2.20	7.28	1.07	10.50	2.87	4.8	12.7	Clear	No Odor
15:15	5	150	1.83	2.40	7.28	1.07	9.80	2.91	4.8	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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.	30042006.0402.02	Well ID	MW-172S			Date	2-17-20
Project Name/Location	Ford LTP			Weather	30.92 degrees F, Mostly 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)	5.37	Total Depth (ft-bmp)	8.95	Water Column (ft.)	3.58	Gallons in Well	0.58
		Pump Intake (ft-bmp)	6.87	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.34				
Sample Time: Label	11:45	Volume Purged	0.78 gallons	Replicate/Code No.	MW-172S-MS/MSD_021720	Sampled by	Shantel Johnson
Purge Start	11:08						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:10	0	100	5.44	0.00	7.43	0.35	4.03	5.51	6.9	23.6	Clear	No Odor
11:15	5	100	5.44	0.13	7.42	0.35	3.82	5.03	7.2	28.1	Clear	No Odor
11:20	5	100	5.44	0.26	7.41	0.35	3.71	4.93	7.3	28.8	Clear	No Odor
11:25	5	100	5.44	0.39	7.40	0.35	3.64	4.51	7.2	33.1	Clear	No Odor
11:30	5	100	5.44	0.52	7.39	0.35	3.11	4.26	7.2	36.1	Clear	No Odor
11:35	5	100	5.44	0.65	7.39	0.35	2.94	3.95	7.3	38.7	Clear	No Odor
11:40	5	100	5.44	0.78	7.40	0.35	2.50	4.04	7.3	40.4	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
1,4-dioxane	40 mL Glass	9	HCL
1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, VC	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:	11701 Boston Post	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.	30042006.0402.02	Well ID	MW-173S			Date	2-14-20
Project Name/Location		Ford LTP		Weather	15.08 degrees F, Mostly Clear		
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)	5.95	Total Depth (ft-bmp)	10.23	Water Column (ft.)	4.28	Gallons in Well	0.70
		Pump Intake (ft-bmp)	7.45	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.23				
Sample Time: Label	13:40	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	12:33						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:35	0	100	5.99	0.00	7.59	0.30	131.00	14.89	4.3	66.9	Cloudy	No Odor
12:40	5	100	5.99	0.13	7.65	0.30	108.00	7.03	6.2	59.8	Cloudy	No Odor
12:45	5	100	6.00	0.26	7.64	0.30	86.00	6.70	6.5	59.0	Clear	No Odor
12:50	5	100	6.00	0.39	7.62	0.32	71.40	6.18	5.9	60.5	Clear	No Odor
12:55	5	100	6.00	0.52	7.56	0.34	50.40	5.15	6.2	61.8	Clear	No Odor
13:00	5	100	6.00	0.65	7.54	0.36	37.70	5.17	6.2	60.7	Clear	No Odor
13:05	5	100	6.00	0.78	7.51	0.37	24.40	4.72	6.1	60.6	Clear	No Odor
13:10	5	100	6.00	0.91	7.50	0.38	22.20	4.72	6.1	60.7	Clear	No Odor
13:15	5	100	6.00	1.04	7.50	0.39	17.50	4.34	6.4	60.4	Clear	No Odor
13:20	5	100	6.00	1.17	7.49	0.40	13.60	4.30	6.6	59.8	Clear	No Odor
13:25	5	100	6.00	1.30	7.50	0.40	10.80	4.15	6.5	59.6	Clear	No Odor
13:30	5	100	6.00	1.43	7.49	0.41	8.41	3.98	6.3	59.5	Clear	No Odor
13:35	5	100	6.00	1.56	7.49	0.41	6.27	3.96	6.3	58.4	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-174S			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	6.67	Total Depth (ft-bmp)	10.50	Water Column (ft.)	3.83	Gallons in Well	0.62
		Pump Intake (ft-bmp)	8.17	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.47				
Sample Time: Label	14:40	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	13:58						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:00	0	100	6.70	0.00	7.40	0.36	3.51	15.92	7.5	55.8	Clear	No Odor
14:05	5	100	6.70	0.13	7.27	0.44	4.07	2.65	8.4	41.2	Clear	No Odor
14:10	5	100	6.71	0.26	7.26	0.45	2.87	2.61	8.6	39.5	Clear	No Odor
14:15	5	100	6.71	0.39	7.31	0.45	2.18	3.06	8.3	45.5	Clear	No Odor
14:20	5	100	6.71	0.52	7.31	0.46	1.01	2.77	8.6	43.4	Clear	No Odor
14:25	5	100	6.71	0.65	7.31	0.46	1.22	2.43	8.7	43.5	Clear	No Odor
14:30	5	100	6.71	0.78	7.32	0.46	0.84	2.33	8.5	43.7	Clear	No Odor
14:35	5	100	6.71	0.91	7.34	0.47	1.05	2.36	8.7	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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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; in front of fence between bushes	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.	30042006.0402.02	Well ID	MW-176S			Date	2-14-20
Project Name/Location		Ford LTP		Weather	10.94 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	5-10	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	5.59	Total Depth (ft-bmp)	9.30	Water Column (ft.)	3.71	Gallons in Well	0.60
		Pump Intake (ft-bmp)	7.09	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.52				
Sample Time: Label	11:45	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	11:04						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:05	0	100	5.62	0.00	6.02	5.98	4.13	4.81	5.4	161.8	Clear	No Odor
11:10	5	100	5.62	0.13	6.67	0.39	4.10	2.42	5.5	104.6	Clear	No Odor
11:15	5	100	5.63	0.26	6.95	0.39	3.84	2.05	5.8	72.9	Clear	No Odor
11:20	5	100	6.63	0.39	6.99	0.39	3.33	2.01	6.2	67.2	Clear	No Odor
11:25	5	100	5.63	0.52	7.07	0.39	3.18	2.38	5.7	58.3	Clear	No Odor
11:30	5	100	5.63	0.65	7.12	0.39	2.79	2.23	6.6	50.3	Clear	No Odor
11:35	5	100	5.63	0.78	7.15	0.39	2.64	2.20	6.5	46.3	Clear	No Odor
11:40	5	100	6.63	0.91	7.17	0.39	2.03	2.17	6.5	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
1,4-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 _

None

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*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 in 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.	30042006.0402.02	Well ID	MW-177S			Date	2-13-20
Project Name/Location		Ford LTP		Weather	32.00 degrees F, Light Snow and Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	4-9	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.89	Total Depth (ft-bmp)	8.26	Water Column (ft.)	3.37	Gallons in Well	0.55
		Pump Intake (ft-bmp)	6.39	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.42				
Sample Time: Label	14:40	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	14:04						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:05	0	100	4.72	0.00	7.34	8.16	11.60	8.25	3.5	58.7	Clear	No Odor
14:10	5	100	4.72	0.13	7.22	0.31	7.65	6.28	5.8	59.1	Clear	No Odor
14:15	5	100	4.72	0.26	7.19	0.31	5.99	6.56	6.1	60.3	Clear	No Odor
14:20	5	100	4.72	0.39	7.18	0.31	4.08	6.57	6.1	60.3	Clear	No Odor
14:25	5	100	4.72	0.52	7.19	0.31	3.39	7.50	5.8	62.2	Clear	No Odor
14:30	5	100	4.72	0.65	7.21	0.31	4.47	7.40	5.9	62.4	Clear	No Odor
14:35	5	100	4.72	0.78	7.20	0.31	4.79	7.53	5.8	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-178S			Date	2-13-20
Project Name/Location		Ford LTP		Weather	32.00 degrees F, Light Snow and Fog/Mist		
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)	5.02	Total Depth (ft-bmp)	8.85	Water Column (ft.)	3.83	Gallons in Well	0.62
		Pump Intake (ft-bmp)	6.52	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.68				
Sample Time: Label	12:40	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	11:54						
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)(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:55	0	100	5.05	0.00	7.09	0.34	54.20	3.55	6.3	53.2	Clear	No Odor
12:00	5	100	5.05	0.13	6.94	0.34	45.10	2.40	6.5	53.0	Clear	No Odor
12:05	5	100	5.05	0.26	6.89	0.34	27.40	2.06	6.6	54.0	Clear	No Odor
12:10	5	100	5.05	0.39	6.88	0.35	16.20	1.90	6.5	53.7	Clear	No Odor
12:15	5	100	5.05	0.52	6.95	0.41	7.08	1.51	6.8	55.4	Clear	No Odor
12:20	5	100	5.05	0.65	7.02	0.44	4.21	1.34	6.8	55.6	Clear	No Odor
12:25	5	100	5.05	0.78	7.07	0.49	4.03	1.09	6.8	55.4	Clear	No Odor
12:30	5	100	5.05	0.91	7.08	0.49	3.69	1.06	6.8	55.0	Clear	No Odor
12:35	5	100	5.05	1.04	7.14	0.49	3.14	1.05	6.8	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
1,4-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 None

Well Casing Volumes

Gallons/Foot — *1" = 0.04* — *1.25" = 0.06* — *1.5" = 0.09* — *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	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.	30042006.0402.02	Well ID	MW-179S			Date	2-17-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, Mostly 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)	6.93	Total Depth (ft-bmp)	10.75	Water Column (ft.)	3.82	Gallons in Well	0.62
		Pump Intake (ft-bmp)	8.43	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.26				
Sample Time: Label	13:15	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	12:38						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:40	0	100	6.97	0.00	7.63	0.11	4.69	10.67	7.7	38.6	Clear	No Odor
12:45	5	100	6.97	0.13	7.37	0.11	4.27	8.06	7.5	41.2	Clear	No Odor
12:50	5	100	6.98	0.26	7.22	0.11	3.52	7.87	7.4	44.7	Clear	No Odor
12:55	5	100	6.98	0.39	7.13	0.11	2.86	7.57	7.4	47.2	Clear	No Odor
13:00	5	100	6.98	0.52	7.08	0.11	2.34	7.69	7.5	48.7	Clear	No Odor
13:05	5	100	6.98	0.65	7.06	0.11	2.04	7.35	7.5	48.8	Clear	No Odor
13:10	5	100	6.98	0.78	7.07	0.11	1.96	7.38	7.5	50.0	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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	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.	30042006.0402.02	Well ID	MW-180SR			Date	2-18-20
Project Name/Location		Ford LTP		Weather	41.00 degrees F, Cloudy		
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)	6.93	Total Depth (ft-bmp)	11.01	Water Column (ft.)	4.08	Gallons in Well	0.66
		Pump Intake (ft-bmp)	8.43	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.82				
Sample Time: Label	12:38	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Madison Olender
Purge Start	12:06						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:07	0	150	6.93	0.00	6.91	0.58	2.42	5.89	9.1	360.0	Clear	No Odor
12:12	5	150	7.71	0.20	7.00	0.61	1.24	5.79	9.2	353.9	Clear	No Odor
12:17	5	150	7.71	0.40	7.09	0.61	1.19	5.50	9.3	348.7	Clear	No Odor
12:22	5	150	6.93	0.60	7.14	0.62	0.85	5.24	9.5	346.3	Clear	No Odor
12:27	5	150	6.93	0.80	7.16	0.62	0.63	5.21	9.6	345.0	Clear	No Odor
12:32	5	150	6.93	1.00	7.17	0.62	0.21	5.27	9.5	344.2	Clear	No Odor
12:37	5	150	6.93	1.20	7.19	0.61	0.14	5.31	9.6	343.4	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	*1.5" = 0.09*	*2.5" = 0.26*	*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.	30042006.0402.02	Well ID	MW-181S			Date	2-17-20
Project Name/Location		Ford LTP		Weather	33.08 degrees F, Cloudy		
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)	5.53	Total Depth (ft-bmp)	8.51	Water Column (ft.)	2.98	Gallons in Well	0.48
		Pump Intake (ft-bmp)	7.03	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.90				
Sample Time: Label	14:30	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	13:48						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:50	0	100	5.57	0.00	5.30	3.49	68.00	15.79	5.3	62.1	Clear	No Odor
13:55	5	100	5.58	0.13	6.93	2.21	52.50	0.84	6.5	-67.2	Clear	No Odor
14:00	5	100	5.58	0.26	7.17	1.84	27.10	0.49	7.0	-89.7	Clear	No Odor
14:05	5	100	5.58	0.39	7.23	1.65	12.80	0.44	7.0	-99.2	Clear	No Odor
14:10	5	100	5.58	0.52	7.26	1.51	8.31	0.41	6.9	-100.3	Clear	No Odor
14:15	5	100	5.58	0.65	7.27	1.40	8.33	0.40	6.9	-99.1	Clear	No Odor
14:20	5	100	5.58	0.78	7.22	1.36	7.64	0.40	6.9	-98.2	Clear	No Odor
14:25	5	100	5.58	0.91	7.23	1.37	7.91	0.42	6.9	-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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 In front of fence by side window	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-182S			Date	2-12-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, Mostly 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)	5.18	Total Depth (ft-bmp)	8.78	Water Column (ft.)	3.60	Gallons in Well	0.58
		Pump Intake (ft-bmp)	6.68	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.34				
Sample Time: Label	13:25	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	12:49						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:50	0	100	5.21	0.00	7.67	0.33	5.41	7.97	7.1	23.1	Clear	No Odor
12:55	5	100	5.21	0.13	7.58	0.33	5.12	5.92	7.4	21.4	Clear	No Odor
13:00	5	100	5.21	0.26	7.54	0.33	3.78	5.39	7.5	25.9	Clear	No Odor
13:05	5	100	5.21	0.39	7.54	0.33	3.10	5.36	7.6	29.6	Clear	No Odor
13:10	5	100	5.22	0.52	7.53	0.33	2.67	5.24	7.6	35.3	Clear	No Odor
13:15	5	100	5.22	0.65	7.54	0.33	2.52	5.19	7.5	37.9	Clear	No Odor
13:20	5	100	5.22	0.78	7.54	0.33	2.27	5.17	7.5	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
1,4-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 _

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-183S			Date	2-12-20
Project Name/Location		Ford LTP		Weather	26.96 degrees F, Fog/Mist		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	8-13	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.40	Total Depth (ft-bmp)	12.68	Water Column (ft.)	4.28	Gallons in Well	0.70
		Pump Intake (ft-bmp)	9.90	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.04				
Sample Time: Label	11:40	Volume Purged	1.43 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	10:39						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:40	0	100	8.43	0.00	7.34	0.44	54.50	7.53	8.3	57.4	Small Brown Particulates	No Odor
10:45	5	100	8.43	0.13	7.35	0.45	53.10	7.31	8.4	55.7	Small Brown Particulates	No Odor
10:50	5	100	8.43	0.26	7.37	0.45	25.60	6.45	8.9	47.3	Clear	No Odor
10:55	5	100	8.43	0.39	7.39	0.46	29.20	6.10	9.0	45.8	Clear	No Odor
11:00	5	100	8.43	0.52	7.41	0.46	29.60	6.01	9.0	44.3	Clear	No Odor
11:05	5	100	8.43	0.65	7.43	0.46	30.60	5.88	8.9	42.6	Clear	No Odor
11:10	5	100	8.43	0.78	7.44	0.47	23.80	5.40	8.8	44.2	Clear	No Odor
11:15	5	100	8.43	0.91	7.45	0.48	18.40	5.29	8.9	45.8	Clear	No Odor
11:20	5	100	8.43	1.04	7.46	0.49	16.20	5.09	8.8	45.6	Clear	No Odor
11:25	5	100	8.43	1.17	7.47	0.49	12.70	5.02	8.7	45.0	Clear	No Odor
11:30	5	100	8.43	1.30	7.48	0.48	13.20	4.93	8.6	44.5	Clear	No Odor
11:35	5	100	8.43	1.43	7.47	0.48	13.80	4.90	8.5	42.5	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 between fence and tree	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.	30042006.0402.02	Well ID	MW-184S			Date	2-12-20
Project Name/Location		Ford LTP		Weather	26.96 degrees F, Fog/Mist		
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)	5.27	Total Depth (ft-bmp)	9.22	Water Column (ft.)	3.95	Gallons in Well	0.64
		Pump Intake (ft-bmp)	6.77	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.88				
Sample Time: Label	11:12	Volume Purged	1.2 gallons	Replicate/Code No.	--	Sampled by	Madison Olender
Purge Start	10:40						
Purge End	11:16						

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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:41	0	150	5.27	0.00	7.46	0.56	2.22	1.34	7.5	73.1	Clear	No Odor
10:46	5	150	5.27	0.20	7.30	0.55	0.61	0.64	7.6	39.8	Clear	No Odor
10:51	5	150	5.27	0.40	7.28	0.55	2.24	0.56	7.7	32.4	Clear	No Odor
10:56	5	150	5.27	0.60	7.27	0.56	1.31	0.50	7.8	27.8	Clear	No Odor
11:01	5	150	5.27	0.80	7.28	0.56	1.61	0.39	7.7	24.9	Clear	No Odor
11:06	5	150	5.27	1.00	7.30	0.56	1.97	0.31	7.8	24.5	Clear	No Odor
11:11	5	150	5.27	1.20	7.33	0.56	1.45	0.23	7.9	23.9	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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-185S			Date	2-21-20
Project Name/Location		Ford LTP		Weather	19.04 degrees F, Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	6-11	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	7.24	Total Depth (ft-bmp)	10.62	Water Column (ft.)	3.38	Gallons in Well	0.55
		Pump Intake (ft-bmp)	8.74	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.65				
Sample Time: Label	11:00	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	10:18						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	100	7.29	0.00	7.24	0.29	14.60	9.58	8.8	87.7	Clear	No Odor
10:25	5	100	7.29	0.13	7.28	0.29	11.70	6.27	8.6	87.6	Clear	No Odor
10:30	5	100	7.29	0.26	7.28	0.29	12.40	5.45	8.7	87.8	Clear	No Odor
10:35	5	100	7.29	0.39	7.29	0.30	13.10	5.22	8.8	87.4	Clear	No Odor
10:40	5	100	7.30	0.52	7.16	0.36	7.96	2.76	8.9	92.6	Clear	No Odor
10:45	5	100	7.30	0.65	7.14	0.37	4.95	2.50	8.9	94.1	Clear	No Odor
10:50	5	100	7.30	0.78	7.12	0.37	4.95	2.46	9.0	96.2	Clear	No Odor
10:55	5	100	7.30	0.91	7.10	0.37	4.62	2.49	9.0	97.9	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 in flower bed	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.	30042006.0402.02	Well ID	MW-186S			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	3.43	Total Depth (ft-bmp)	7.72	Water Column (ft.)	4.29	Gallons in Well	0.70
		Pump Intake (ft-bmp)	4.93	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.30				
Sample Time: Label	13:10	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	12:28						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:30	0	100	3.46	0.00	6.91	1.50	153.00	3.06	6.0	53.0	Small Orange Particulates	No Odor
12:35	5	100	3.46	0.13	6.95	1.50	22.90	1.46	6.0	49.0	Small Orange Particulates	No Odor
12:40	5	100	3.46	0.26	6.99	1.50	10.10	0.54	5.9	35.7	Clear	No Odor
12:45	5	100	3.46	0.39	6.99	1.48	7.40	0.40	6.0	27.1	Clear	No Odor
12:50	5	100	3.46	0.52	6.99	1.48	5.55	0.33	5.9	21.3	Clear	No Odor
12:55	5	100	3.47	0.65	6.98	1.46	4.71	0.42	5.9	17.4	Clear	No Odor
13:00	5	100	3.47	0.78	6.97	1.45	4.23	0.25	6.0	13.2	Clear	No Odor
13:05	5	100	3.47	0.91	6.97	1.45	3.46	0.27	5.9	11.0	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
1,4-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

None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 - Wooded area behind building	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.	30042006.0402.02	Well ID	MW-187			Date	2-7-20
Project Name/Location	Ford LTP			Weather	30.92 degrees F, 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)	5.02	Total Depth (ft-bmp)	12.78	Water Column (ft.)	7.76	Gallons in Well	1.26
		Pump Intake (ft-bmp)	10.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.24				
Sample Time: Label	16:20	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	15:11						
Purge End	16:24						

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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:15	0	100	5.05	0.00	6.99	0.94	396.00	0.99	8.1	36.4	Brown	No Odor
15:20	5	100	5.06	0.13	7.00	0.93	224.00	0.38	8.3	34.8	Cloudy	No Odor
15:25	5	100	5.06	0.26	7.00	0.92	150.00	0.25	8.4	30.7	Cloudy	No Odor
15:30	5	100	5.06	0.39	7.02	0.91	83.40	0.22	8.4	23.4	Cloudy	No Odor
15:35	5	100	5.06	0.52	7.03	0.91	59.00	0.18	8.4	16.0	Cloudy	No Odor
15:40	5	100	5.06	0.65	7.03	0.91	54.80	0.22	8.2	11.1	Cloudy	No Odor
15:45	5	100	5.06	0.78	7.04	0.91	49.20	0.16	8.3	7.5	Cloudy	No Odor
15:50	5	100	5.06	0.91	7.04	0.91	40.20	0.14	8.3	4.6	Cloudy	No Odor
15:55	5	100	5.06	1.04	7.04	0.91	35.30	0.12	8.2	1.4	Clear	No Odor
16:00	5	100	5.06	1.17	7.05	0.91	31.60	0.15	8.1	-1.6	Clear	No Odor
16:05	5	100	5.06	1.30	7.05	0.91	30.40	0.13	8.1	-2.8	Clear	No Odor
16:10	5	100	5.06	1.43	7.05	0.90	27.20	0.11	8.1	-4.6	Clear	No Odor
16:15	5	100	5.06	1.56	7.05	0.91	22.60	0.10	8.1	-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	250 mL Plastic	3	HCL
1,4-dioxane	40 mL Glass	3	HCL

Comments

None

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*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 parking lot 75ft north of wooded Area	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.	30042006.0402.02	Well ID	MW-187S			Date	2-7-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	4.99	Total Depth (ft-bmp)	8.24	Water Column (ft.)	3.25	Gallons in Well	0.53
		Pump Intake (ft-bmp)	6.49	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.70				
Sample Time: Label	14:55	Volume Purged	1.43 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	13:53						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
13:55	0	100	5.02	0.00	6.94	1.53	29.00	2.81	7.2	-3.9	Clear	No Odor
14:00	5	100	5.02	0.13	6.95	1.51	24.70	0.52	7.2	-10.9	Clear	No Odor
14:05	5	100	5.03	0.26	6.94	1.49	18.10	0.38	7.2	-13.0	Clear	No Odor
14:10	5	100	5.03	0.39	6.94	1.46	16.00	0.25	7.4	-13.9	Clear	No Odor
14:15	5	100	5.03	0.52	6.94	1.45	9.98	0.21	7.3	-13.8	Clear	No Odor
14:20	5	100	5.03	0.65	6.95	1.45	8.92	0.22	7.2	-14.6	Clear	No Odor
14:25	5	100	5.03	0.78	6.94	1.44	6.71	0.19	7.4	-14.8	Clear	No Odor
14:30	5	100	5.03	0.91	6.95	1.44	5.45	0.16	7.2	-15.2	Clear	No Odor
14:35	5	100	5.03	1.04	6.95	1.43	5.10	0.16	7.3	-16.0	Clear	No Odor
14:40	5	100	5.03	1.17	6.94	1.42	4.74	0.25	7.4	-15.4	Clear	No Odor
14:45	5	100	5.03	1.30	6.94	1.41	4.27	0.17	7.4	-15.2	Clear	No Odor
14:50	5	100	5.03	1.43	6.95	1.42	3.34	0.16	7.4	-15.7	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:	12335 Stark - Back parking lot 75ft north of wooded Area	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.	30042006.0402.02	Well ID	MW-188S			Date	2-20-20
Project Name/Location		Ford LTP		Weather	19.04 degrees F, Partly 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)	4.97	Total Depth (ft-bmp)	7.48	Water Column (ft.)	2.51	Gallons in Well	0.41
		Pump Intake (ft-bmp)	6.47	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	6.44				
Sample Time: Label	10:20	Volume Purged	2.64 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	9:12						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:15	0	200	5.02	0.00	6.66	1.17	411.00	0.44	5.9	61.8	Cloudy	No Odor
9:20	5	200	5.20	0.26	6.66	1.17	227.00	0.40	6.0	59.7	Cloudy	No Odor
9:25	5	200	5.02	0.52	6.65	1.18	148.00	0.40	6.0	57.2	Cloudy	No Odor
9:30	5	200	5.02	0.78	6.66	1.19	135.00	0.40	5.8	54.3	Cloudy	No Odor
9:35	5	150	5.01	1.04	6.68	1.16	34.90	0.34	5.8	32.1	Clear	No Odor
9:40	5	150	5.01	1.24	6.69	1.13	14.20	0.36	6.0	16.8	Clear	No Odor
9:45	5	150	5.01	1.44	6.70	1.11	12.80	0.32	6.2	12.0	Clear	No Odor
9:50	5	150	5.01	1.64	6.72	1.10	10.40	0.27	6.2	5.9	Clear	No Odor
9:55	5	150	5.01	1.84	6.73	1.11	7.32	0.22	5.4	3.3	Clear	No Odor
10:00	5	150	5.01	2.04	6.73	1.08	6.63	0.20	6.2	-0.7	Clear	No Odor
10:05	5	150	5.01	2.24	6.73	1.08	7.11	0.18	6.3	-3.5	Clear	No Odor
10:10	5	150	5.01	2.44	6.73	1.08	6.38	0.17	6.3	-5.2	Clear	No Odor
10:15	5	150	5.01	2.64	6.74	1.08	5.17	0.16	6.1	-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
1,4-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 Damaged bolts removed, need replacement 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:	12425 Stark - Near dumpster and abandoned car	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.	30042006.0402.02	Well ID	MW-189			Date	2-4-20
Project Name/Location	Ford LTP			Weather	35.96 degrees F, 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)	5.18	Total Depth (ft-bmp)	14.98	Water Column (ft.)	9.80	Gallons in Well	1.59
		Pump Intake (ft-bmp)	12.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.74				
Sample Time: Label	15:55	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	15:03						
Purge End	15:54						

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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
15:05	0	100	5.20	0.00	7.21	0.97	87.20	6.43	7.2	58.0	Cloudy, Small Orange Particulates	No Odor
15:10	5	100	5.21	0.13	7.20	0.97	106.00	0.48	8.2	25.0	Cloudy, Small Orange Particulates	No Odor
15:15	5	100	5.21	0.26	7.21	0.97	95.70	0.43	8.3	17.7	Cloudy, Small Orange Particulates	No Odor
15:20	5	100	5.21	0.39	7.21	0.97	56.00	0.44	8.3	12.5	Small Orange Particulates	No Odor
15:25	5	100	5.21	0.52	7.22	0.96	41.60	0.35	8.2	8.9	Small Orange Particulates	No Odor
15:30	5	100	5.21	0.65	7.23	0.96	39.20	0.24	7.8	7.4	Small Orange Particulates	No Odor
15:35	5	100	5.21	0.78	7.23	0.93	31.50	0.27	8.1	5.1	Clear	No Odor
15:40	5	100	5.21	0.91	7.22	0.94	27.80	0.19	8.8	2.8	Clear	No Odor
15:45	5	100	5.21	1.04	7.22	0.94	26.20	0.14	8.7	0.0	Clear	No Odor
15:50	5	100	5.21	1.17	7.23	0.93	25.40	0.13	8.8	-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	*1.5" = 0.09*	*2.5" = 0.26*	*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 parking lot	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.	30042006.0402.02	Well ID	MW-189S			Date	2-4-20
Project Name/Location		Ford LTP		Weather	35.06 degrees F, 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)	5.27	Total Depth (ft-bmp)	9.48	Water Column (ft.)	4.21	Gallons in Well	0.68
		Pump Intake (ft-bmp)	6.77	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.34				
Sample Time: Label	14:45	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	14:03						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
14:05	0	100	5.31	0.00	7.75	0.79	10.20	1.99	6.4	57.9	Clear	No Odor
14:10	5	100	5.31	0.13	7.46	0.82	9.72	1.00	7.0	61.5	Clear	No Odor
14:15	5	100	5.31	0.26	7.42	0.83	5.33	0.81	7.2	62.0	Clear	No Odor
14:20	5	100	5.31	0.39	7.42	0.84	4.70	0.79	7.1	62.1	Clear	No Odor
14:25	5	100	5.31	0.52	7.43	0.82	3.51	0.91	7.2	62.0	Clear	No Odor
14:30	5	100	5.31	0.65	7.43	0.84	3.24	0.72	7.0	62.2	Clear	No Odor
14:35	5	100	5.31	0.78	7.43	0.83	2.19	0.74	6.9	62.2	Clear	No Odor
14:40	5	100	5.31	0.91	7.44	0.83	2.68	0.75	7.0	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:	12641 Stark - Rv parking lot behind building	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.	30042006.0402.02	Well ID	MW-190			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	3.18	Total Depth (ft-bmp)	13.37	Water Column (ft.)	10.19	Gallons in Well	1.66
		Pump Intake (ft-bmp)	11.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.94				
Sample Time: Label	10:10	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	9:04						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:05	0	100	3.21	0.00	7.19	2.43	273.00	1.07	8.9	-8.4	Brown	No Odor
9:10	5	100	3.21	0.13	7.23	2.10	192.00	0.86	8.7	-13.9	Cloudy	No Odor
9:15	5	100	3.21	0.26	7.24	1.95	195.00	0.56	8.5	-20.5	Cloudy	No Odor
9:20	5	100	3.22	0.39	7.23	2.00	149.00	0.40	8.4	-24.5	Cloudy	No Odor
9:25	5	100	3.22	0.52	7.24	2.02	113.00	0.31	8.5	-30.4	Cloudy	No Odor
9:30	5	100	3.22	0.65	7.24	2.04	90.20	0.25	8.5	-37.2	Cloudy	No Odor
9:35	5	100	322.00	0.78	7.24	2.02	74.20	0.40	8.5	-41.7	Cloudy	No Odor
9:40	5	100	3.22	0.91	7.25	2.02	47.10	0.25	8.6	-44.7	Cloudy	No Odor
9:45	5	100	3.22	1.04	7.25	1.99	28.30	0.20	8.6	-48.5	Clear	No Odor
9:50	5	100	3.22	1.17	7.25	2.02	24.60	0.18	8.7	-50.7	Clear	No Odor
9:55	5	100	3.22	1.30	7.26	2.05	17.90	0.16	8.7	-53.5	Clear	No Odor
10:00	5	100	3.22	1.43	7.26	2.06	15.20	0.14	8.7	-54.6	Clear	No Odor
10:05	5	100	3.22	1.56	7.26	2.08	14.60	0.13	8.6	-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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 Center of back parking lot	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.	30042006.0402.02	Well ID	MW-190S			Date	2-10-20
Project Name/Location		Ford LTP		Weather	30.92 degrees F, 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)	3.21	Total Depth (ft-bmp)	6.85	Water Column (ft.)	3.64	Gallons in Well	0.59
		Pump Intake (ft-bmp)	4.71	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.54				
Sample Time: Label	11:00	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	10:19						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:20	0	100	3.24	0.00	7.20	0.74	66.10	0.97	6.4	-18.5	Small Orange Particulates	No Odor
10:25	5	100	3.24	0.13	7.20	0.74	53.60	0.69	6.4	-19.5	Small Orange Particulates	No Odor
10:30	5	100	3.24	0.26	7.20	0.74	13.30	0.41	6.4	-22.2	Clear	No Odor
10:35	5	100	3.24	0.39	7.21	0.74	11.20	0.32	6.4	-24.8	Clear	No Odor
10:40	5	100	3.24	0.52	7.21	0.74	7.40	0.29	6.5	-27.0	Clear	No Odor
10:45	5	100	3.24	0.65	7.21	0.75	3.51	0.27	6.5	-27.5	Clear	No Odor
10:50	5	100	3.24	0.78	7.21	0.75	2.28	0.27	6.5	-27.9	Clear	No Odor
10:55	5	100	3.24	0.91	7.21	0.74	1.56	0.37	6.6	-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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 Center of back parking lot	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.	30042006.0402.02	Well ID	MW-191S			Date	2-17-20
Project Name/Location		Ford LTP		Weather	26.96 degrees F, Mostly 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)	3.13	Total Depth (ft-bmp)	6.81	Water Column (ft.)	3.68	Gallons in Well	0.60
		Pump Intake (ft-bmp)	4.63	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.30				
Sample Time: Label	10:20	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	9:43						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:45	0	100	3.17	0.00	6.57	0.81	14.70	1.85	4.8	-33.9	Clear	No Odor
9:50	5	100	3.17	0.13	6.72	0.78	5.48	0.64	5.0	-40.8	Clear	No Odor
9:55	5	100	3.17	0.26	6.75	0.76	4.65	0.53	5.1	-40.9	Clear	No Odor
10:00	5	100	3.18	0.39	6.78	0.74	4.29	0.41	5.2	-41.2	Clear	No Odor
10:05	5	100	3.18	0.52	6.81	0.73	3.81	0.34	5.2	-41.2	Clear	No Odor
10:10	5	100	3.18	0.65	6.83	0.71	3.12	0.26	5.3	-41.9	Clear	No Odor
10:15	5	100	3.10	0.78	6.83	0.71	3.00	0.42	5.2	-41.6	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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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 Parking space near the train tracks	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.	30042006.0402.02	Well ID	MW-193S			Date	2-19-20
Project Name/Location	Ford LTP			Weather	21.92 degrees F, Mostly Clear		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	3-8	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	3.83	Total Depth (ft-bmp)	7.33	Water Column (ft.)	3.50	Gallons in Well	0.57
		Pump Intake (ft-bmp)	5.33	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.60				
Sample Time: Label	10:10	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	9:26						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:30	0	100	3.88	0.00	7.10	1.12	96.70	3.37	4.8	26.2	Small Orange Particulates	No Odor
9:35	5	100	3.88	0.13	6.90	1.09	70.60	0.93	6.0	24.2	Small Orange Particulates	No Odor
9:40	5	100	3.88	0.26	6.93	1.09	35.93	0.73	6.2	18.3	Small Orange Particulates	No Odor
9:45	5	100	3.89	0.39	6.97	1.08	17.40	0.48	6.6	14.5	Clear	No Odor
9:50	5	100	3.89	0.52	7.00	1.06	10.40	0.51	6.1	9.0	Clear	No Odor
9:55	5	100	3.89	0.65	7.01	1.04	7.74	0.42	6.1	-0.6	Clear	No Odor
10:00	5	100	3.89	0.78	7.02	1.02	7.31	0.49	6.1	-7.2	Clear	No Odor
10:05	5	100	3.89	0.91	7.03	1.02	7.04	0.39	6.0	-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
1,4-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 None

Well Casing Volumes

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	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:	Fair	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-202			Date	2-6-20
Project Name/Location		Ford LTP		Weather	39.92 degrees F, Mostly 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)	4.52	Total Depth (ft-bmp)	17.00	Water Column (ft.)	12.48	Gallons in Well	2.03
		Pump Intake (ft-bmp)	14.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.51				
Sample Time: Label	10:55	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	10:07						
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)(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:10	0	100	4.55	0.00	7.58	3.56	45.80	1.04	9.0	-23.5	Clear	No Odor
10:15	5	100	4.56	0.13	7.52	3.57	27.50	0.65	9.7	-22.0	Clear	No Odor
10:20	5	100	4.56	0.26	7.51	3.56	11.60	0.77	10.3	-21.0	Clear	No Odor
10:25	5	100	4.56	0.39	7.51	3.56	10.20	0.87	10.4	-21.2	Clear	No Odor
10:30	5	100	4.56	0.52	7.51	3.56	8.61	0.74	10.4	-21.9	Clear	No Odor
10:35	5	100	4.56	0.65	7.51	3.56	7.03	0.88	10.4	-23.0	Clear	No Odor
10:40	5	100	4.56	0.78	7.51	3.55	4.32	0.37	9.8	-23.4	Clear	No Odor
10:45	5	100	4.56	0.91	7.52	3.56	3.27	0.29	9.8	-24.1	Clear	No Odor
10:50	5	100	4.56	1.04	7.52	3.56	2.62	0.32	9.8	-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
cis-1,2-DCE, trans-1,2-DCE, TCE, VC (Roush Wells Only)	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:	12447 Levan Road (Roush)	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-202S			Date	2-6-20
Project Name/Location		Ford LTP		Weather	39.92 degrees F, Mostly Cloudy		
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)	4.53	Total Depth (ft-bmp)	8.50	Water Column (ft.)	3.97	Gallons in Well	0.65
		Pump Intake (ft-bmp)	6.03	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.80				
Sample Time: Label	9:45	Volume Purged	1.17 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	8:51						
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)(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:55	0	100	4.56	0.00	7.59	7.62	50.30	0.75	7.6	-4.2	Cloudy	No Odor
9:00	5	100	4.57	0.13	7.61	7.56	44.50	0.70	7.6	-8.6	Clear	No Odor
9:05	5	100	4.57	0.26	7.70	7.25	24.90	0.62	7.6	-20.3	Clear	No Odor
9:10	5	100	4.57	0.39	7.72	7.09	16.50	0.58	7.5	-24.7	Clear	No Odor
9:15	5	100	4.57	0.52	7.75	6.89	16.60	0.60	7.6	-29.0	Clear	No Odor
9:20	5	100	4.57	0.65	7.75	6.59	13.10	0.57	7.6	-30.9	Clear	No Odor
9:25	5	100	4.57	0.78	7.78	6.39	9.51	0.60	7.8	-35.8	Clear	No Odor
9:30	5	100	4.57	0.91	7.79	6.24	8.57	0.61	7.8	-37.2	Clear	No Odor
9:35	5	100	4.57	1.04	7.80	6.09	8.85	0.61	7.8	-37.9	Clear	No Odor
9:40	5	100	4.57	1.17	7.81	6.08	9.10	0.66	7.7	-37.4	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 (Roush Wells Only)	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:	12447 Levan Road (Roush)	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-203			Date	2-7-20
Project Name/Location		Ford LTP		Weather	26.96 degrees F, Cloudy		
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	13-18	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	4.22	Total Depth (ft-bmp)	18.00	Water Column (ft.)	13.78	Gallons in Well	2.24
		Pump Intake (ft-bmp)	15.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.35				
Sample Time: Label	10:50	Volume Purged	0.78 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	10:13						
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)(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:15	0	100	4.25	0.00	7.55	6.52	78.80	4.25	10.1	-43.0	Small Brown Particulates	No Odor
10:20	5	100	4.25	0.13	7.58	6.55	54.10	0.55	10.6	-43.5	Small Brown Particulates	No Odor
10:25	5	100	4.25	0.26	7.58	6.56	47.50	0.35	11.2	-41.9	Clear	No Odor
10:30	5	100	4.25	0.39	7.61	6.60	36.40	0.35	9.9	-40.1	Clear	No Odor
10:35	5	100	4.25	0.52	7.61	6.56	31.90	0.30	10.2	-39.4	Clear	No Odor
10:40	5	100	4.25	0.65	7.61	6.57	29.50	0.25	10.0	-38.6	Clear	No Odor
10:45	5	100	4.25	0.78	7.60	6.58	31.10	0.23	10.3	-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
cis-1,2-DCE, trans-1,2-DCE, TCE, VC (Roush Wells Only)	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:	12447 Levan Road (Roush)	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-203S			Date	2-7-20
Project Name/Location		Ford LTP		Weather	26.96 degrees F, 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)	4.13	Total Depth (ft-bmp)	8.00	Water Column (ft.)	3.87	Gallons in Well	0.63
		Pump Intake (ft-bmp)	5.63	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.48				
Sample Time: Label	10:00	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	8:54						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
8:55	0	100	4.17	0.00	7.96	4.21	418.00	2.68	8.4	61.6	Brown, Cloudy	No Odor
9:00	5	100	4.17	0.13	7.64	4.91	201.00	1.25	8.6	-36.8	Brown, Cloudy	No Odor
9:05	5	100	4.18	0.26	8.22	5.73	60.00	0.73	9.0	-129.8	Cloudy	No Odor
9:10	5	100	4.18	0.39	8.23	5.70	54.40	0.68	8.9	-139.4	Cloudy	No Odor
9:15	5	100	4.18	0.52	8.30	5.56	39.50	0.63	9.0	-148.7	Clear	No Odor
9:20	5	100	4.18	0.65	8.30	5.40	32.20	0.61	9.0	-155.7	Clear	No Odor
9:25	5	100	4.18	0.78	8.33	5.32	36.60	0.59	9.2	-155.7	Clear	No Odor
9:30	5	100	4.18	0.91	8.32	5.28	33.80	0.65	9.3	-157.2	Clear	No Odor
9:35	5	100	4.18	1.04	8.32	5.28	23.20	0.66	9.2	-158.0	Clear	No Odor
9:40	5	100	41.80	1.17	8.31	5.25	19.20	0.66	9.2	-159.8	Clear	No Odor
9:45	5	100	4.18	1.30	8.31	5.21	15.60	0.65	9.3	-164.4	Clear	No Odor
9:50	5	100	4.18	1.43	8.29	5.12	13.30	0.77	9.4	-168.6	Clear	No Odor
9:55	5	100	4.18	1.56	8.27	5.21	12.40	0.71	9.4	-169.0	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 (Roush Wells Only)	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:	12447 Levan Road (Roush)	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-206			Date	2-6-20
Project Name/Location		Ford LTP		Weather			
Measuring Pt. Description	Top of Casing	Screen Setting (ft-bmp)	14-19	Casing Diameter (in.)	2	Well Material	PVC
Static Water Level (ft-bmp)	8.29	Total Depth (ft-bmp)	19.00	Water Column (ft.)	10.71	Gallons in Well	1.74
		Pump Intake (ft-bmp)	16.50	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	0.90				
Sample Time: Label	10:01	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Madison Olender
Purge Start	9:19						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:20	0	150	8.29	0.00	7.04	2.03	17.90	2.29	10.4	131.0	Clear	No Odor
9:25	5	150	8.29	0.20	7.24	2.05	13.60	1.33	10.3	86.9	Clear	No Odor
9:30	5	150	8.29	0.40	7.26	2.02	10.90	1.14	10.2	72.0	Clear	No Odor
9:35	5	150	8.29	0.60	7.27	2.00	10.10	1.07	10.5	59.9	Clear	No Odor
9:40	5	120	8.29	0.80	7.29	1.97	9.42	1.04	10.7	49.5	Clear	No Odor
9:45	5	150	8.29	0.96	7.29	1.95	8.11	0.98	10.9	43.5	Clear	No Odor
9:50	5	150	8.29	1.16	7.30	1.94	4.97	1.04	10.9	37.6	Clear	No Odor
9:55	5	150	8.29	1.36	7.31	1.94	3.98	1.02	11.0	34.6	Clear	No Odor
10:00	5	150	8.29	1.56	7.31	1.93	2.61	1.01	10.9	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
cis-1,2-DCE, trans-1,2-DCE, TCE, VC (Roush Wells Only)	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:	12447 Levan Road (Roush)	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-206S			Date	2-6-20
Project Name/Location		Ford LTP		Weather	26.06 degrees F, Fog/Mist		
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)	8.18	Total Depth (ft-bmp)	11.50	Water Column (ft.)	3.32	Gallons in Well	0.54
		Pump Intake (ft-bmp)	9.68	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	4.44				
Sample Time: Label	11:56	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Madison Olender
Purge Start	10:41						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:55	0	150	8.18	0.00	7.34	2.88	453.00	4.96	10.0	-26.8	Cloudy, Orange	No Odor
11:00	5	150	8.18	0.20	7.37	2.68	332.00	4.34	9.7	-44.0	Cloudy, Orange	No Odor
11:05	5	150	8.18	0.40	7.38	2.62	216.00	4.43	9.6	-45.7	Cloudy	No Odor
11:10	5	150	8.18	0.60	7.37	2.52	140.00	4.42	9.8	-47.9	Clear	No Odor
11:15	5	150	8.18	0.80	7.38	2.45	79.00	4.56	9.7	-48.7	Clear	No Odor
11:20	5	150	8.18	1.00	7.40	2.41	45.20	4.59	10.0	-48.4	Clear	No Odor
11:25	5	150	8.18	1.20	7.41	2.39	25.00	4.61	9.9	-45.9	Clear	No Odor
11:30	5	150	8.18	1.40	7.45	2.34	17.40	4.37	10.0	-40.5	Clear	No Odor
11:35	5	150	8.18	1.60	7.47	2.33	13.10	4.60	9.9	-35.1	Clear	No Odor
11:40	5	150	8.18	1.80	7.49	2.30	10.60	4.60	10.0	-29.0	Clear	No Odor
11:45	5	150	8.18	2.00	7.51	2.28	8.21	4.46	10.1	-23.6	Clear	No Odor
11:50	5	150	8.18	2.20	7.52	2.27	6.44	4.51	10.1	-19.6	Clear	No Odor
11:55	5	150	8.18	2.40	7.52	2.26	4.75	4.51	10.1	-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
cis-1,2-DCE, trans-1,2-DCE, TCE, VC (Roush Wells Only)	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:	12447 Levan Road (Roush)	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-207S			Date	2-5-20
Project Name/Location		Ford LTP		Weather	26.96 degrees F, Mostly 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)	6.92	Total Depth (ft-bmp)	9.50	Water Column (ft.)	2.58	Gallons in Well	0.42
		Pump Intake (ft-bmp)	8.42	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	4.14				
Sample Time: Label	12:20	Volume Purged	1.74 gallons	Replicate/Code No.	--	Sampled by	Jonathon Lust
Purge Start	11:50						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:50	0	220	6.92	0.00	8.14	0.30	21.60	7.45	9.2	319.8	Small White Particulates	No Odor
11:55	5	220	6.96	0.29	8.54	0.26	15.90	6.93	9.5	299.5	Small White Particulates	No Odor
12:00	5	220	6.97	0.58	8.45	0.23	7.25	7.34	9.5	299.9	Clear	No Odor
12:05	5	220	6.97	0.87	8.35	0.22	3.04	7.29	9.6	300.6	Clear	No Odor
12:10	5	220	6.98	1.16	8.33	0.22	2.32	7.21	9.7	301.2	Clear	No Odor
12:15	5	220	6.98	1.45	8.29	0.23	2.15	7.34	9.8	302.1	Clear	No Odor
12:20	5	220	6.98	1.74	8.27	0.23	1.79	7.33	9.7	303.2	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:	12125 Stark - Front yard about 5 ft from gutter	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Lock Functioning:	yes

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-214S			Date	2-7-20
Project Name/Location		Ford LTP		Weather	28.94 degrees F, Light Snow		
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)	6.59	Total Depth (ft-bmp)	10.50	Water Column (ft.)	3.91	Gallons in Well	0.64
		Pump Intake (ft-bmp)	8.09	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.63				
Sample Time: Label	12:50	Volume Purged	1.04 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	12:03						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:05	0	100	6.62	0.00	7.89	1.17	48.00	11.97	9.0	1.4	Clear	No Odor
12:10	5	100	6.62	0.13	1.57	1.48	27.90	6.48	9.7	35.5	Clear	No Odor
12:15	5	100	6.63	0.26	7.26	2.54	33.80	1.98	10.1	14.7	Clear	No Odor
12:20	5	100	6.63	0.39	7.30	2.65	28.10	1.70	10.2	-16.3	Clear	No Odor
12:25	5	100	6.63	0.52	7.33	2.66	16.60	1.67	10.2	-27.7	Clear	No Odor
12:30	5	100	6.63	0.65	7.33	2.65	10.90	1.66	10.3	-32.1	Clear	No Odor
12:35	5	100	6.63	0.78	7.33	2.66	4.97	1.62	10.4	-34.3	Clear	No Odor
12:40	5	100	6.63	0.91	7.33	2.68	3.75	1.52	10.5	-35.1	Clear	No Odor
12:45	5	100	6.63	1.04	7.34	2.68	3.38	1.52	10.5	-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	1.5" = 0.09	2.5" = 0.26	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.	30042006.0402.02	Well ID	MW-215S			Date	2-4-20
Project Name/Location		Ford LTP		Weather	35.96 degrees F, 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)	4.77	Total Depth (ft-bmp)	8.00	Water Column (ft.)	3.23	Gallons in Well	0.52
		Pump Intake (ft-bmp)	6.27	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	3.00				
Sample Time: Label	11:55	Volume Purged	1.56 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	100	4.83	0.00	8.47	0.47	33.70	11.45	6.3	25.3	Clear	No Odor
10:55	5	100	4.83	0.13	8.50	0.46	25.70	8.99	6.2	30.1	Clear	No Odor
11:00	5	100	4.83	0.26	8.59	0.44	29.50	9.75	6.5	32.4	Clear	No Odor
11:05	5	100	4.83	0.39	8.68	0.43	29.60	9.45	6.6	34.0	Clear	No Odor
11:10	5	100	4.83	0.52	8.68	0.43	21.60	9.39	6.6	35.3	Clear	No Odor
11:15	5	100	4.83	0.65	8.67	0.43	13.90	10.10	6.6	36.5	Clear	No Odor
11:20	5	100	4.83	0.78	8.68	0.43	12.30	10.00	6.7	37.6	Clear	No Odor
11:25	5	100	4.83	0.91	8.65	0.42	7.10	9.88	6.7	38.0	Clear	No Odor
11:30	5	100	4.83	1.04	8.65	0.41	6.66	9.87	6.7	38.9	Clear	No Odor
11:35	5	100	4.83	1.17	8.59	0.40	7.52	9.42	6.9	39.1	Clear	No Odor
11:40	5	100	4.83	1.30	8.58	0.39	6.73	9.47	6.8	40.5	Clear	No Odor
11:45	5	100	4.83	1.43	8.55	0.38	6.87	9.52	6.9	41.5	Clear	No Odor
11:50	5	100	4.83	1.56	8.54	0.38	6.84	9.41	6.9	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* — *1.25" = 0.06* — *1.5" = 0.09* — *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; NW side of parking lot behind building	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-216S			Date	2-4-20
Project Name/Location		Ford LTP		Weather	35.96 degrees F, 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)	7.18	Total Depth (ft-bmp)	11.00	Water Column (ft.)	3.82	Gallons in Well	0.62
		Pump Intake (ft-bmp)	8.68	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	3.87				
Sample Time: Label	10:05	Volume Purged	2.4 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
Purge Start	9:05						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
9:05	0	150	7.23	0.00	7.59	0.15	73.50	9.71	8.1	129.2	Clear	No Odor
9:10	5	150	7.20	0.20	7.41	0.15	82.70	8.61	7.7	113.9	Clear	No Odor
9:15	5	150	7.20	0.40	7.41	0.15	85.00	8.38	7.7	106.7	Clear	No Odor
9:20	5	150	7.20	0.60	7.54	0.16	79.30	9.88	7.8	89.5	Clear	No Odor
9:25	5	150	7.20	0.80	7.55	0.16	72.10	8.71	7.8	88.7	Clear	No Odor
9:30	5	150	7.20	1.00	7.57	0.17	67.60	8.35	7.8	87.3	Clear	No Odor
9:35	5	150	7.20	1.20	7.59	0.17	52.70	8.20	7.9	85.3	Clear	No Odor
9:40	5	150	7.20	1.40	7.60	0.18	46.90	8.31	7.9	85.3	Clear	No Odor
9:45	5	150	7.20	1.60	7.60	0.18	40.10	8.28	7.9	85.1	Clear	No Odor
9:50	5	150	7.20	1.80	7.61	0.19	35.30	8.28	7.9	85.3	Clear	No Odor
9:55	5	150	7.20	2.00	7.63	0.19	29.80	9.77	8.0	84.7	Clear	No Odor
10:00	5	150	7.20	2.20	7.65	0.20	27.20	8.21	8.0	84.4	Clear	No Odor
10:05	5	150	7.20	2.40	7.64	0.19	26.10	7.78	8.0	84.5	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
1,4-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 DTB not measured - see well construction log.

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*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:	no
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-217S			Date	2-3-20
Project Name/Location		Ford LTP		Weather	39.92 degrees F, Mostly 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)	6.40	Total Depth (ft-bmp)	11.00	Water Column (ft.)	13.61	Gallons in Well	2.21
		Pump Intake (ft-bmp)	7.90	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.16				
Sample Time: Label	12:30	Volume Purged	2.56 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
Purge Start	11:30						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
11:35	0	150	6.47	0.00	7.24	0.28	73.90	6.42	8.3	204.2	Cloudy	No Odor
11:40	5	150	6.46	0.20	7.47	0.31	45.40	7.94	8.3	156.8	Clear	No Odor
11:45	5	150	6.45	0.40	7.48	0.31	39.40	7.81	8.3	151.7	Clear	No Odor
11:50	5	150	6.45	0.60	7.50	0.32	33.40	7.95	8.4	148.6	Clear	No Odor
11:55	5	150	6.45	0.80	7.53	0.32	27.10	7.60	8.4	136.1	Clear	No Odor
12:00	5	200	6.45	1.00	7.53	0.32	21.70	7.47	8.5	134.4	Clear	No Odor
12:05	5	200	6.45	1.26	7.54	0.34	12.60	9.85	8.5	127.3	Clear	No Odor
12:10	5	200	6.45	1.52	7.55	0.35	8.82	7.26	8.5	126.5	Clear	No Odor
12:15	5	200	6.45	1.78	7.56	0.35	5.64	8.12	8.4	124.4	Clear	No Odor
12:20	5	200	6.45	2.04	7.56	0.36	4.36	8.29	8.4	123.8	Clear	No Odor
12:25	5	200	6.45	2.30	7.56	0.36	3.96	8.22	8.4	121.9	Clear	No Odor
12:30	5	200	6.45	2.56	7.56	0.36	2.78	8.04	8.5	121.4	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 DTB not measured - see well construction log

Well Casing Volumes

Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*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 Backyard	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-223S			Date	2-4-20
Project Name/Location		Ford LTP		Weather	35.96 degrees F, 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)	10.67	Total Depth (ft-bmp)	13.50	Water Column (ft.)	2.83	Gallons in Well	0.46
		Pump Intake (ft-bmp)	12.17	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	1.98				
Sample Time: Label	13:10	Volume Purged	0.91 gallons	Replicate/Code No.	--	Sampled by	Shantel Johnson
Purge Start	12:26						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
12:30	0	100	10.78	0.00	7.40	2.46	37.70	4.33	9.7	90.8	Clear	No Odor
12:35	5	100	10.77	0.13	7.45	2.47	33.20	4.23	9.3	89.7	Clear	No Odor
12:40	5	100	10.77	0.26	7.46	2.47	25.80	4.30	9.4	89.7	Clear	No Odor
12:45	5	100	10.77	0.39	7.46	2.44	27.10	4.50	9.5	90.8	Clear	No Odor
12:50	5	100	10.77	0.52	7.47	2.43	22.30	4.07	9.6	91.1	Clear	No Odor
12:55	5	100	10.77	0.65	7.47	2.43	15.30	4.06	9.7	92.3	Clear	No Odor
13:00	5	100	10.77	0.78	7.47	2.41	14.00	3.95	9.8	93.5	Clear	No Odor
13:05	5	100	10.77	0.91	7.46	2.39	14.60	3.79	9.9	94.3	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; east parking lot entrance	Well Locked at Arrival:	n/a
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

ARCADIS

SHALLOW LOW-FLOW GROUNDWATER SAMPLING FORM

Project No.	30042006.0402.02	Well ID	MW-225S			Date	2-4-20
Project Name/Location	Ford LTP			Weather	35.96 degrees F, 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)	6.35	Total Depth (ft-bmp)	10.50	Water Column (ft.)	4.15	Gallons in Well	0.67
		Pump Intake (ft-bmp)	7.85	Purge Method	Low-Flow	Sample Method	Low-Flow
		Well Volumes Purged	2.99				
Sample Time: Label	11:40	Volume Purged	2 gallons	Replicate/Code No.	--	Sampled by	Ellen Redner
Purge Start	10:50						
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)/(°F) [± 3%]	Redox (mV) [± 10mV]	Appearance	
											Color	Odor
10:50	0	150	6.41	0.00	8.80	0.19	136.00	9.20	8.2	89.0	Cloudy	No Odor
10:55	5	150	6.40	0.20	8.75	0.18	118.00	9.09	8.3	86.5	Cloudy	No Odor
11:00	5	150	6.40	0.40	8.33	0.16	129.00	9.41	8.3	80.2	Cloudy	No Odor
11:05	5	150	6.40	0.60	8.24	0.16	115.00	9.39	8.3	79.7	Cloudy	No Odor
11:10	5	150	6.41	0.80	8.16	0.17	85.50	9.17	8.3	80.6	Cloudy	No Odor
11:15	5	150	6.40	1.00	8.15	0.17	74.00	9.38	8.2	81.1	Clear	No Odor
11:20	5	150	6.40	1.20	8.12	0.16	48.90	9.98	8.4	82.4	Clear	No Odor
11:25	5	150	6.40	1.40	8.09	0.16	31.30	9.49	8.2	82.4	Clear	No Odor
11:30	5	150	6.41	1.60	8.06	0.16	18.90	9.43	8.3	83.0	Clear	No Odor
11:35	5	150	6.41	1.80	8.02	0.16	17.90	9.08	8.4	84.4	Clear	No Odor
11:40	5	150	6.41	2.00	7.99	0.16	18.40	9.00	8.4	84.5	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
1,4-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 DTB not measured - see well construction log.

Well Casing Volumes

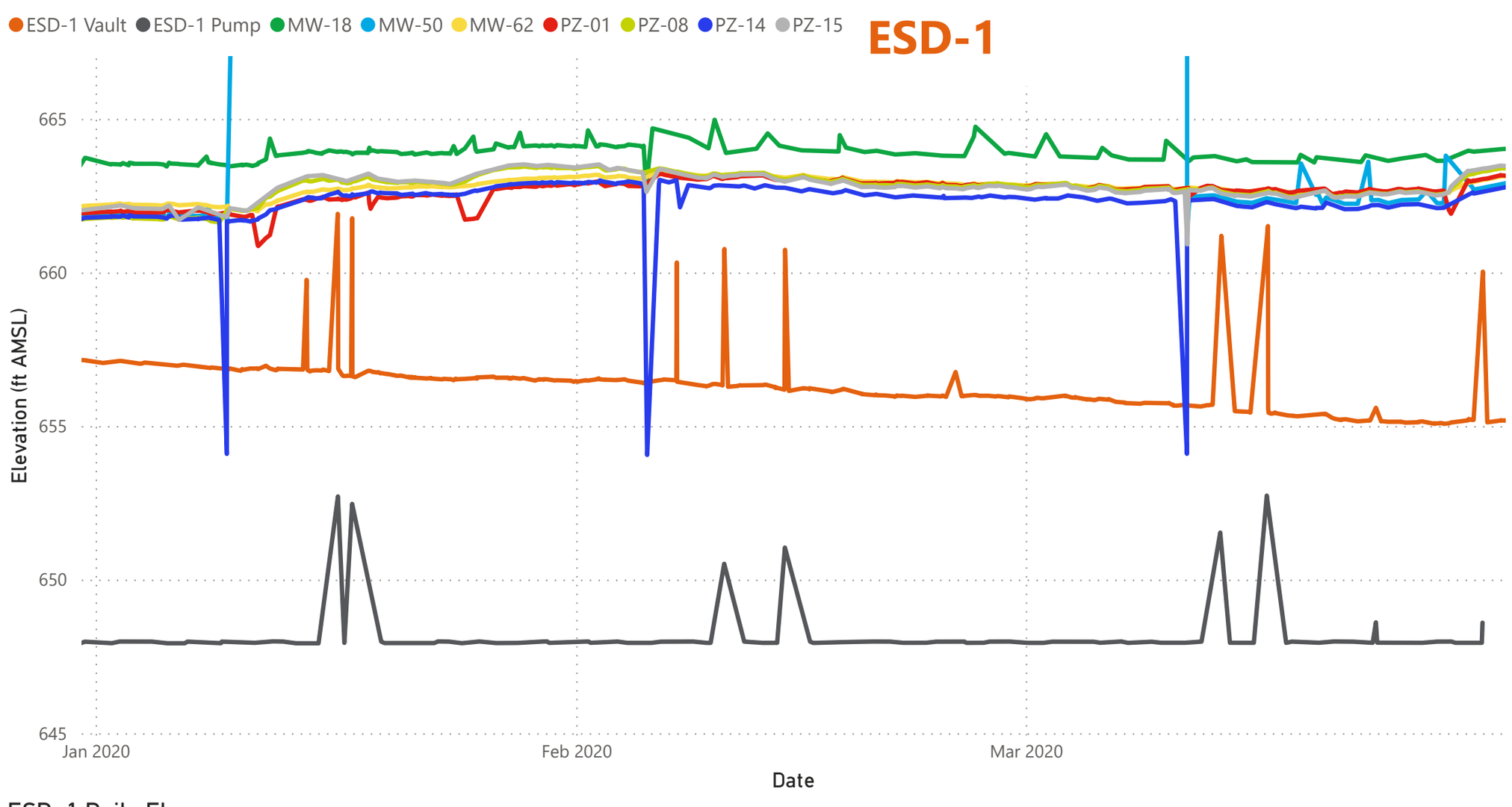
Gallons/Foot	*1" = 0.04*	*1.5" = 0.09*	*2.5" = 0.26*	*3.5" = 0.50*	*6" = 1.47*
	1.25" = 0.06	*2" = 0.16*	*3" = 0.37*	*4" = 0.65*	

Well Information

Well Location:	34800 Standish Front yard	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	n/a
Well Completion:	Flush mount	Lock Functioning:	n/a

APPENDIX D

Transducer Data



Transducer Download Dates

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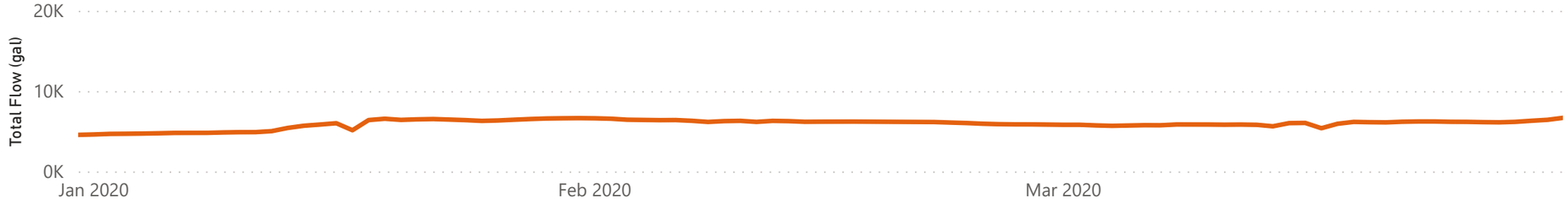
- Thursday, January 9, 2020
- Wednesday, February 5, 2020
- Wednesday, March 11, 2020
- Wednesday, April 1, 2020

ESD-1 Daily Flow



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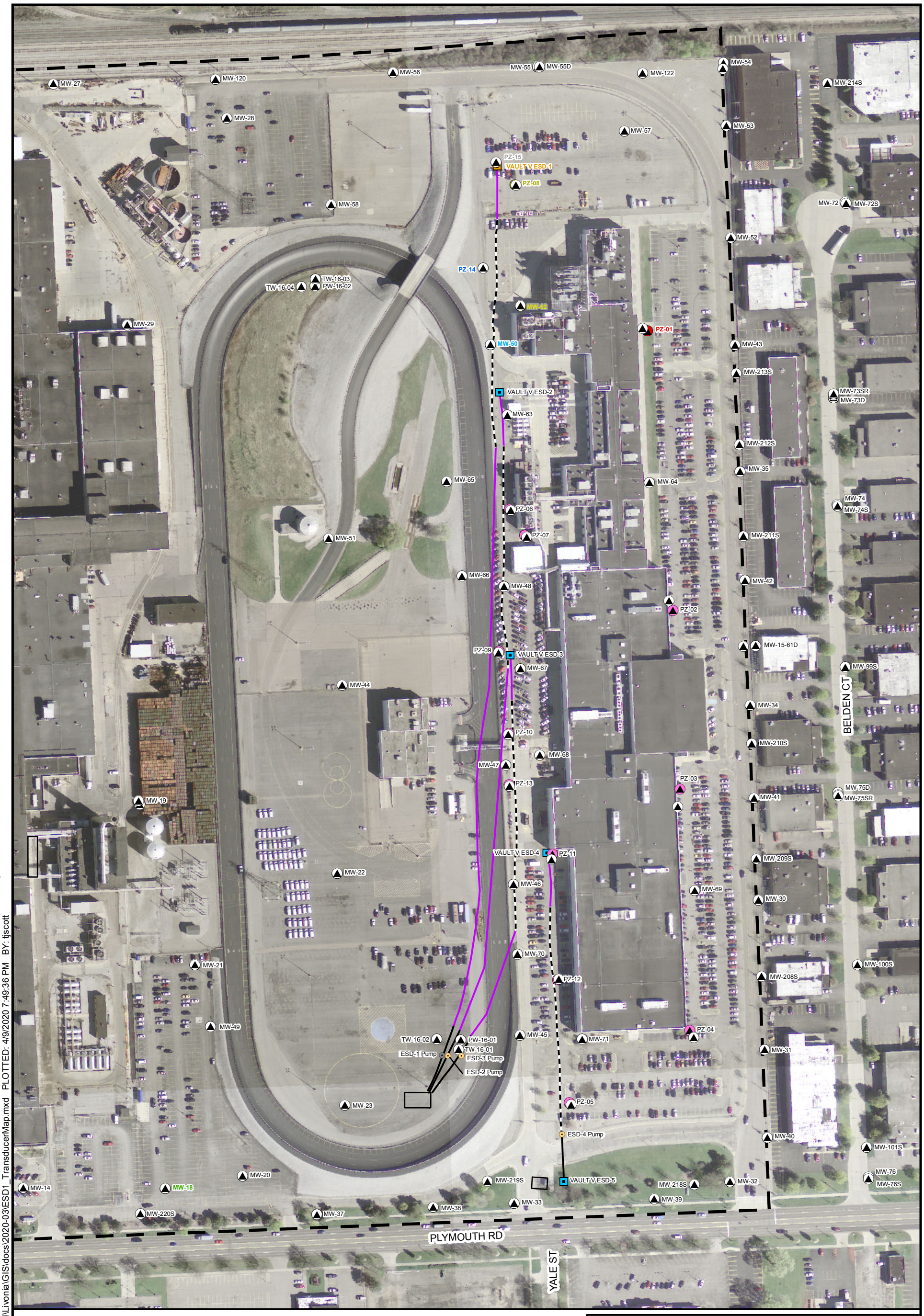

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: K. HINSKEY PROJECT NUMBER: 30042006 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
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LEGEND

- MONITORING WELL
- PIEZOMETER
- ESD PUMP
- VAULT
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- FORD PROPERTY BOUNDARY

NOTE: SYMBOLOGY COLOR-CODING CORRESPONDS TO ASSOCIATED TRANSDUCER DATA. REFER TO ATTACHED GRAPH.

0 100 200

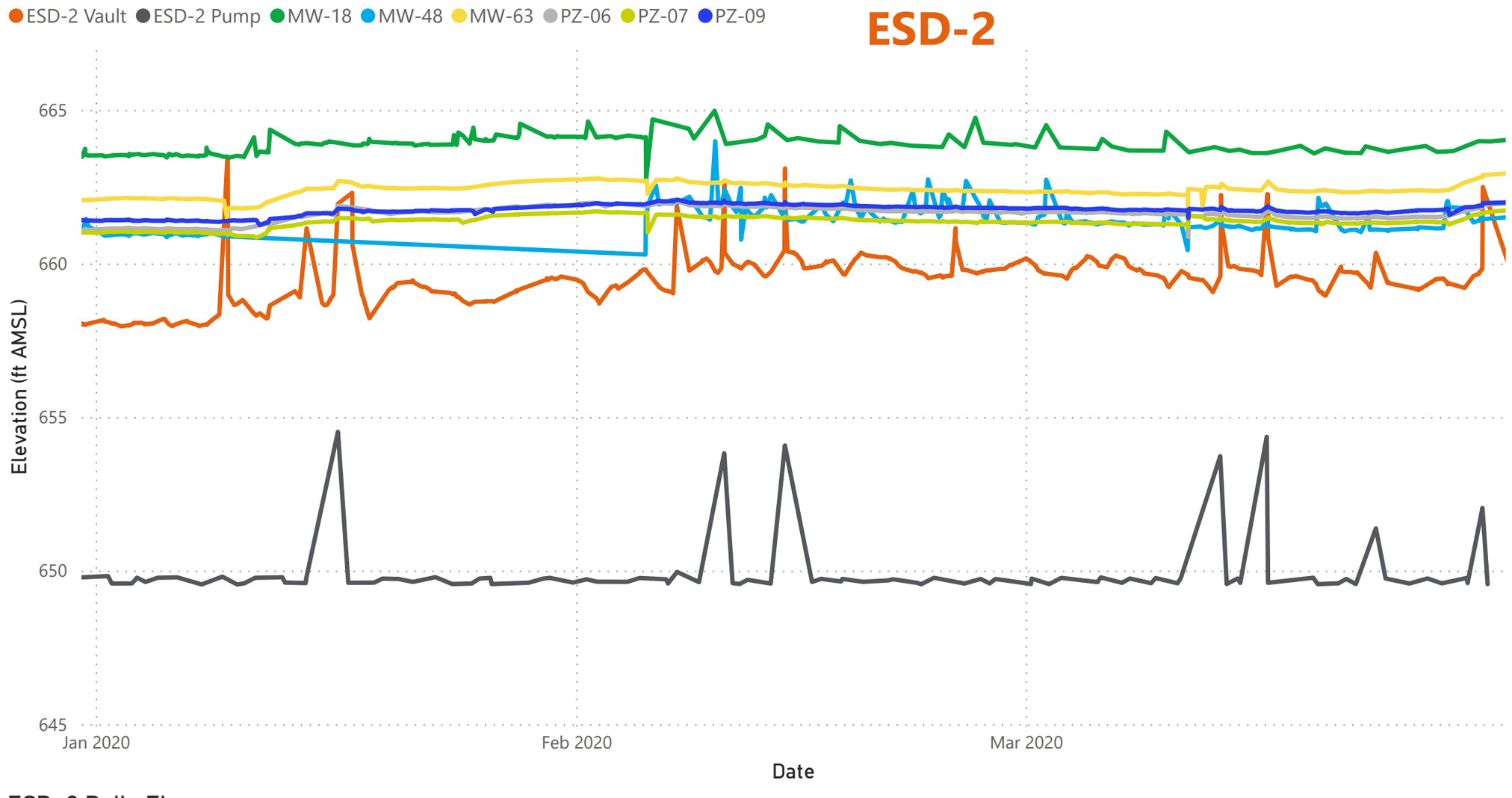
SCALE IN FEET
1 inch = 200 feet

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

PERFORMANCE MONITORING WELLS ESD-1

ARCADIS Design & Consultancy for natural and built assets

ESD-2



Transducer Download Dates
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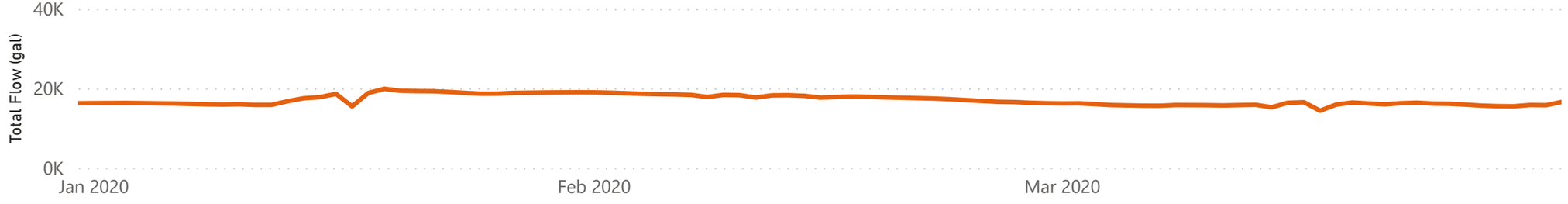
Wednesday, March 11, 2020
Wednesday, April 1, 2020

ESD-2 Daily Flow



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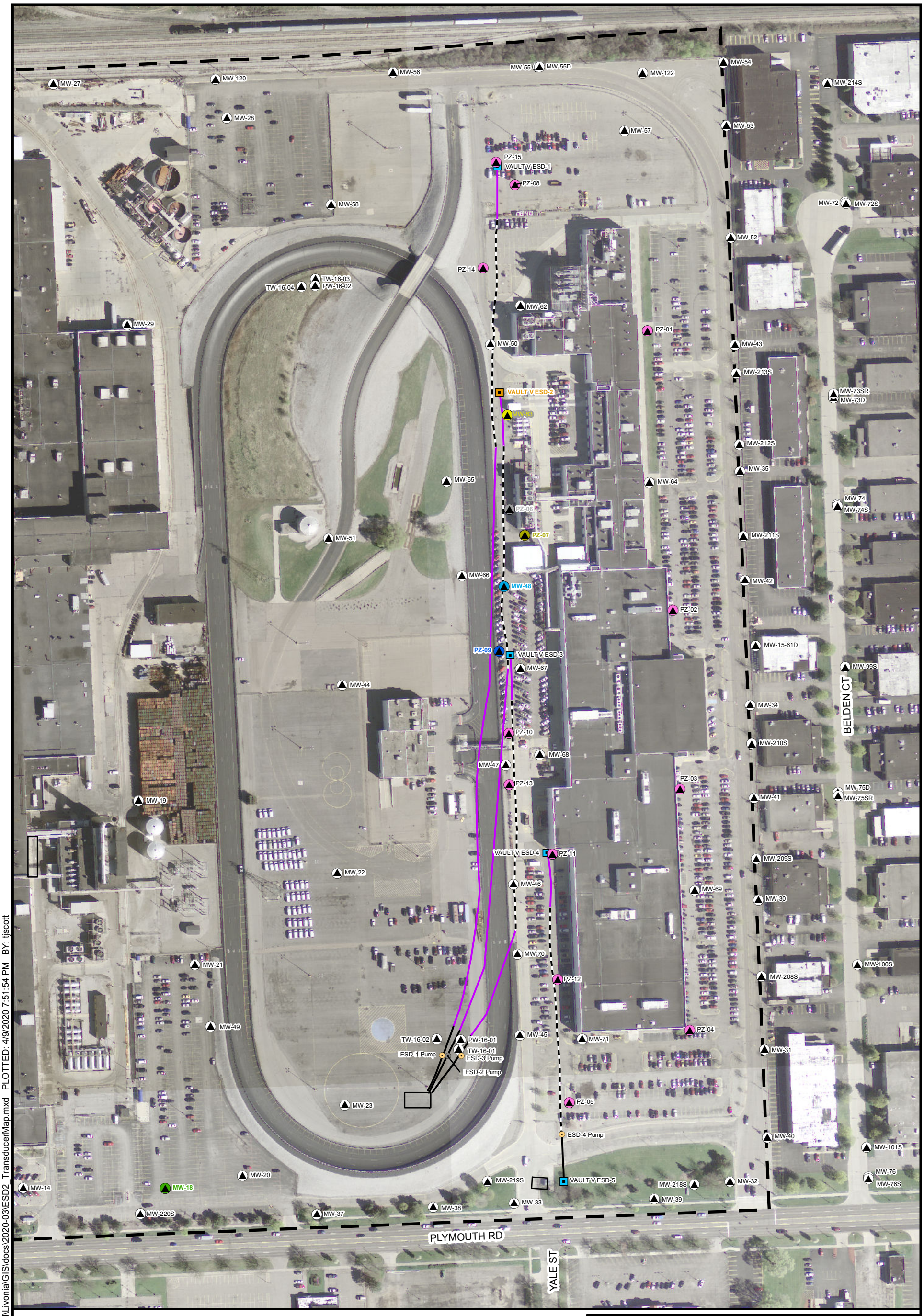

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: K. HINSKEY PROJECT NUMBER: 30042006 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
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LEGEND

- MONITORING WELL
- PIEZOMETER
- ESD PUMP
- VAULT
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- FORD PROPERTY BOUNDARY

NOTE: SYMBOLOGY COLOR-CODING CORRESPONDS TO ASSOCIATED TRANSDUCER DATA. REFER TO ATTACHED GRAPH.

0 100 200

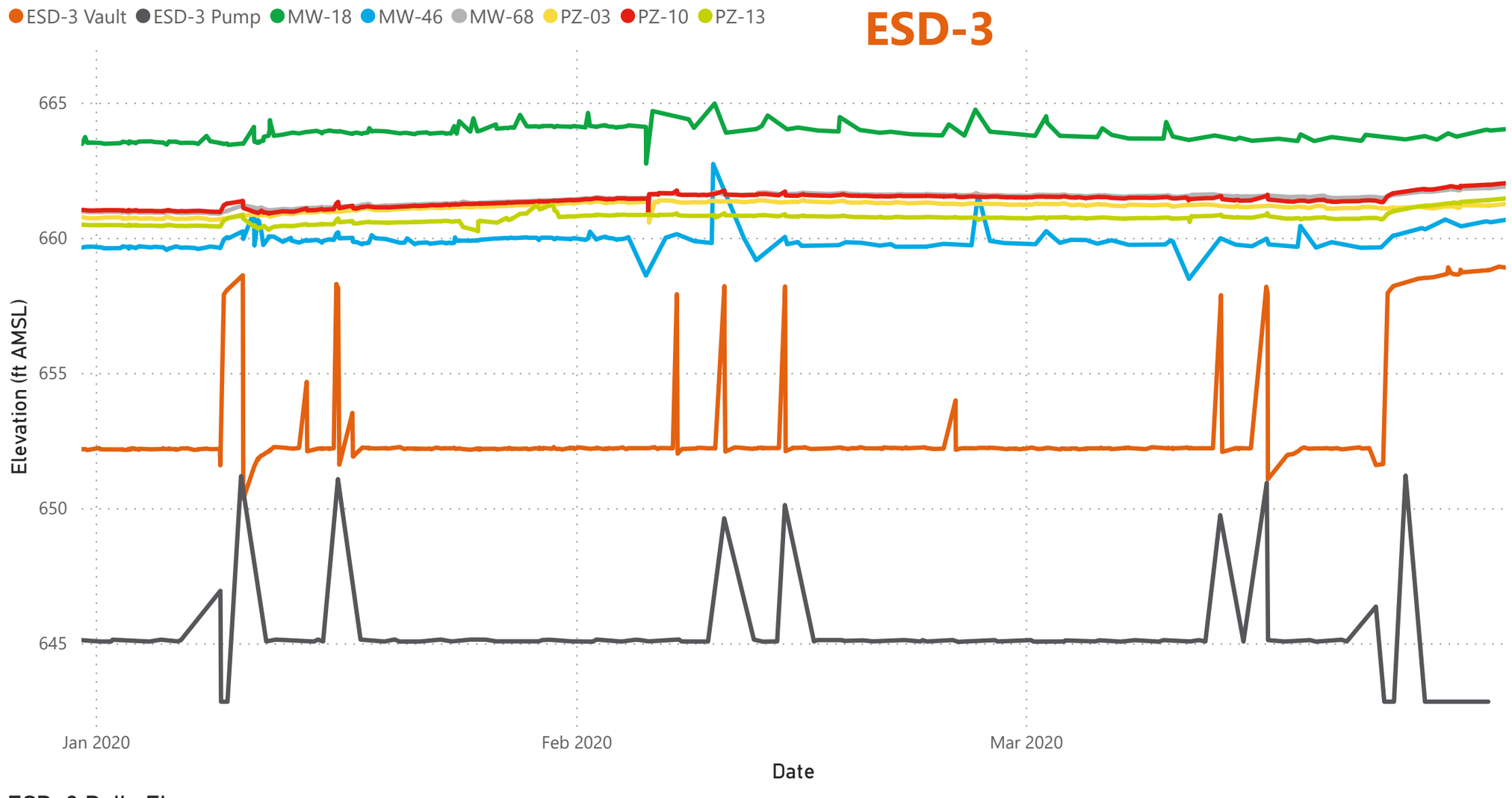
SCALE IN FEET
1 inch = 200 feet

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

PERFORMANCE MONITORING WELLS ESD-2

ARCADIS Design & Consultancy for natural and built assets

ESD-3



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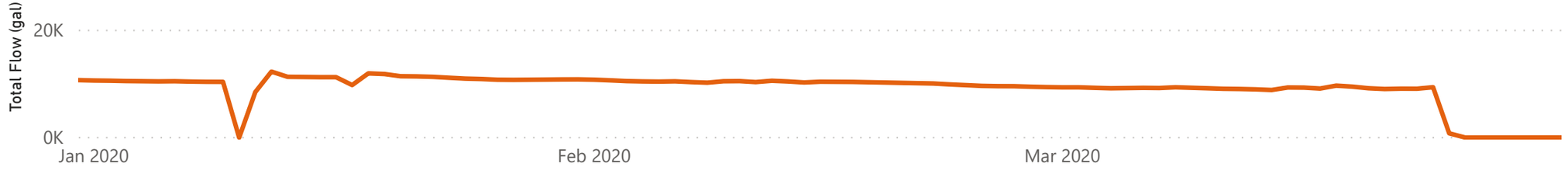
Wednesday, April 1, 2020

ESD-3 Daily Flow



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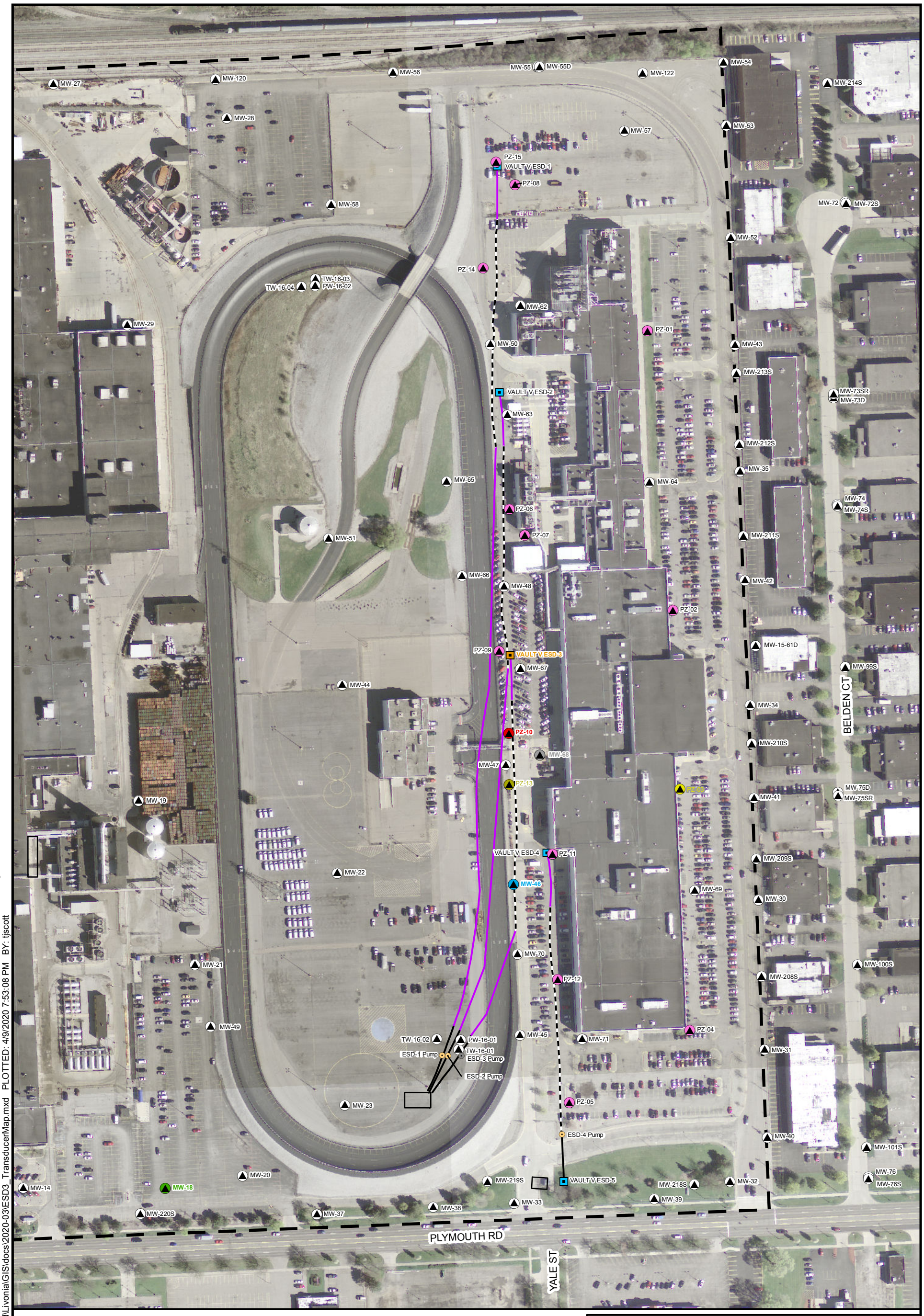

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- MONITORING WELL
- PIEZOMETER
- ESD PUMP
- VAULT
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- FORD PROPERTY BOUNDARY

NOTE: SYMBOLOGY COLOR-CODING CORRESPONDS TO ASSOCIATED TRANSDUCER DATA. REFER TO ATTACHED GRAPH.

0 100 200

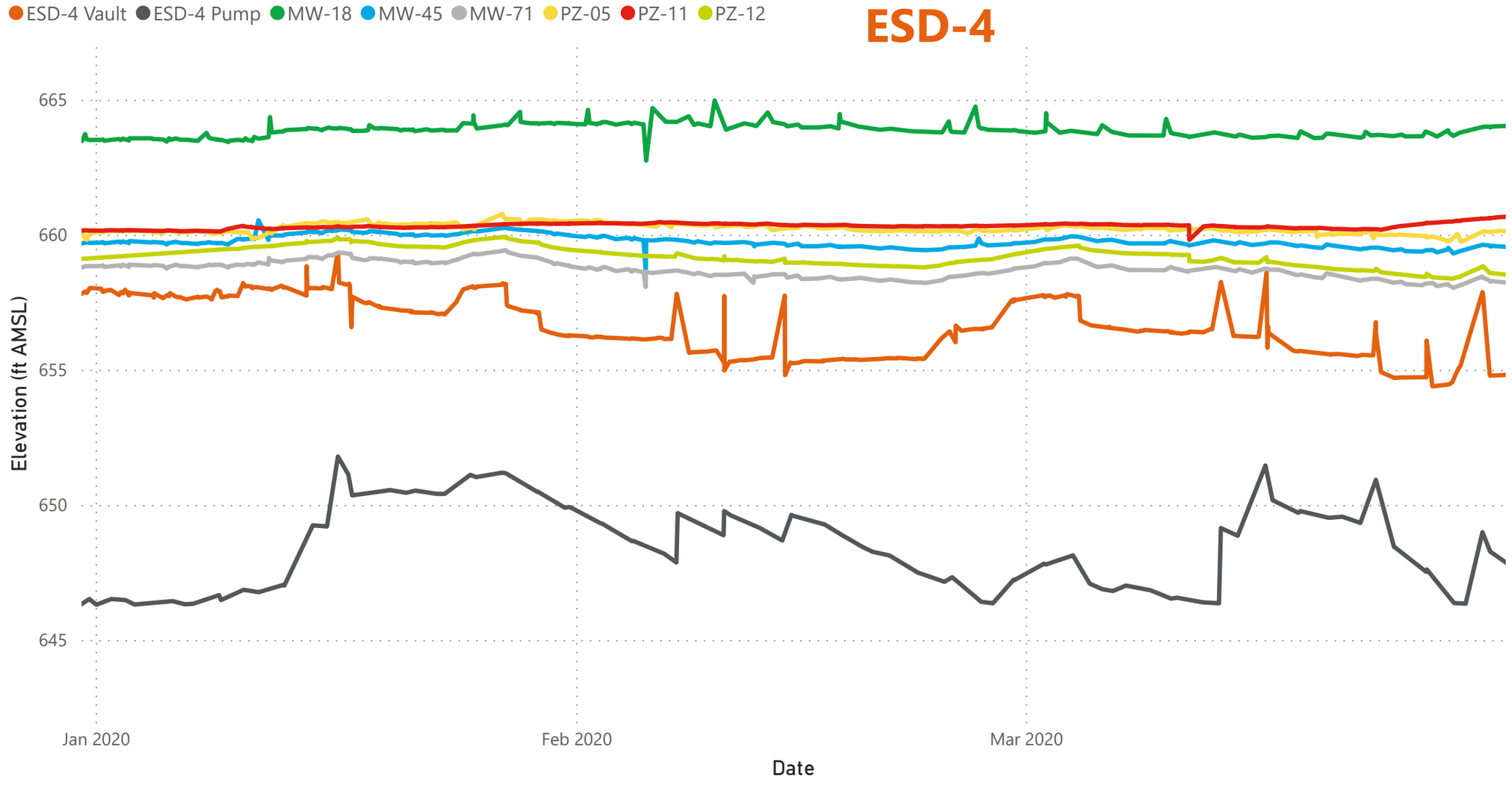
SCALE IN FEET
1 inch = 200 feet

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

PERFORMANCE MONITORING WELLS ESD-3

ARCADIS Design & Consultancy for natural and built assets

ESD-4



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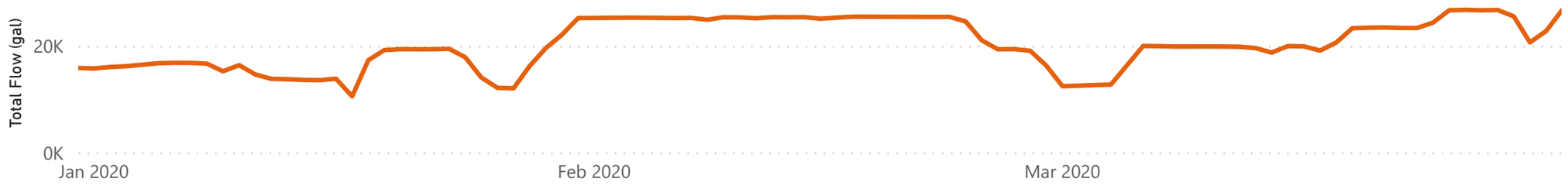
Wednesday, March 11, 2020
Wednesday, April 1, 2020

ESD-4 Daily Flow



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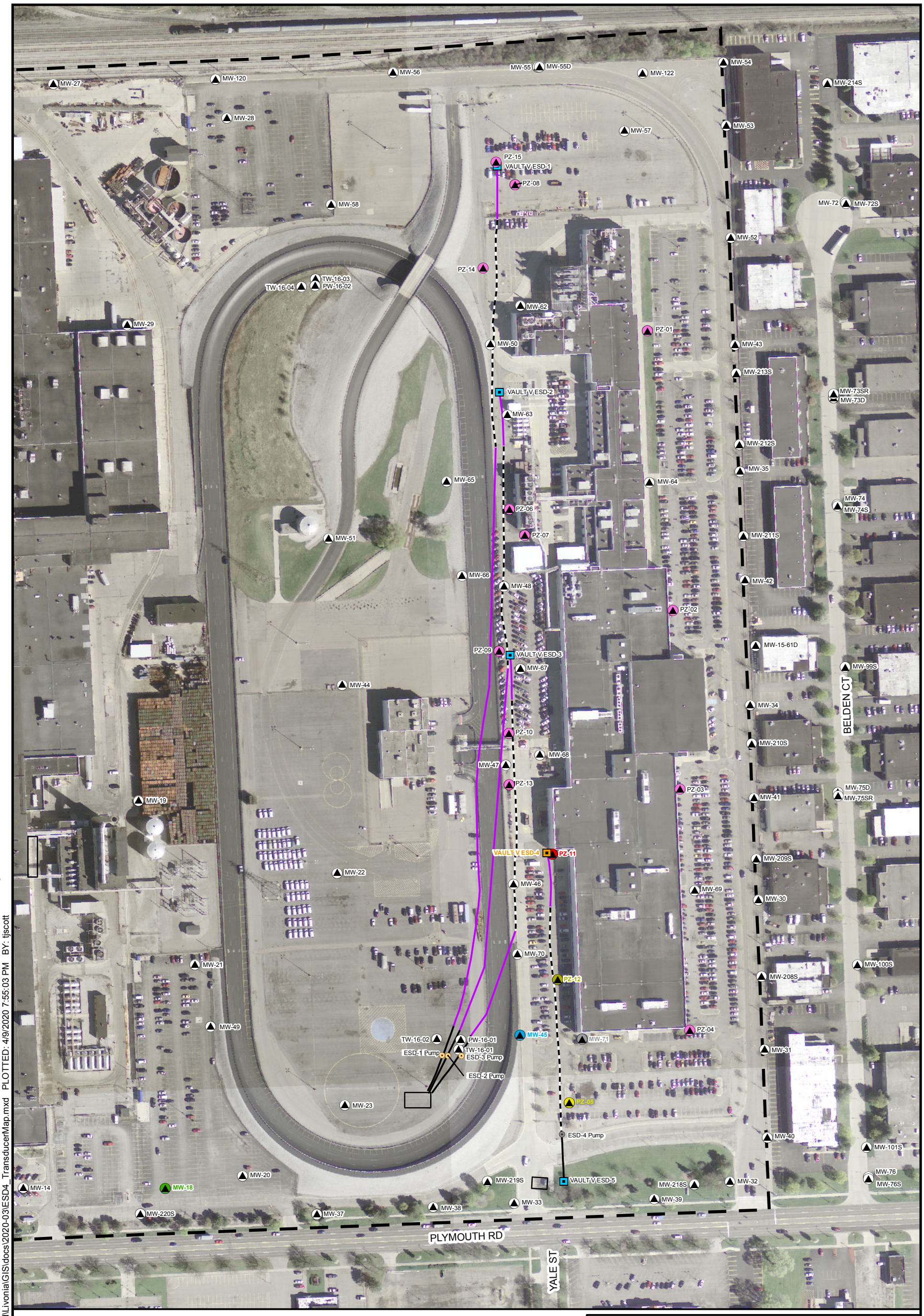

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: K. HINSKEY PROJECT NUMBER: 30042006 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet
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LEGEND

- MONITORING WELL
- PIEZOMETER
- ESD PUMP
- VAULT
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- FORD PROPERTY BOUNDARY

NOTE: SYMBOLOGY COLOR-CODING CORRESPONDS TO ASSOCIATED TRANSDUCER DATA. REFER TO ATTACHED GRAPH.

0 100 200

SCALE IN FEET
1 inch = 200 feet

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

PERFORMANCE MONITORING WELLS ESD-4

ARCADIS Design & Consultancy for natural and built assets

APPENDIX E

Stability Analysis

Trend Analysis Methodology

The Mann-Kendall trend test is a non-parametric test that determines trends based on ranked data. As such, it is relatively insensitive to small data sets, outlier values and non-detect concentrations and does not require the data to fit a specific model. The basic Mann-Kendall trend test is performed by listing the concentrations of the constituent of interest in temporal order and computing the differences between a given measurement and earlier measurements (Gilbert 1987; USEPA 2009). Based on USEPA guidance (USEPA 2009), non-detect values are set to a single value less than that of any detections, and laboratory qualified concentrations are set equal to the laboratory reporting limit.

The Mann-Kendall test statistic (sum of trend [S]) is the difference between the number of strictly positive differences and the number of strictly negative differences. If S is positive, an increasing trend is indicated; if S is negative, a decreasing trend is indicated; and if S is near zero, no trend is apparent. Trends with positive or negative S-statistics were accepted as statistically significant for p-values less than or equal to 0.1 (90% confidence level). The coefficient of variation (CV) is a quantitative measure that can be used to evaluate if concentrations are stable in cases where a statistically significant trend is not apparent. The CV is calculated as the standard deviation of concentrations of each COC measured over time at a monitoring well divided by the mean (average) concentration over the same time period. CV values near or greater than 1 indicate variability in concentrations over time or suggest an underlying trend that is not statistically significant. Lower CV values indicate that concentrations are stable over time. Where no significant trend was found, the trend determination presented was based on the sign and magnitude of the S-statistic, the CV value, and visual examination of the pattern in concentrations over time.

References

Gilbert, R.O. 1987. *Statistical Methods for Environmental Pollution Monitoring*. John Wiley and Sons, Inc. New York.

USEPA. 2009. Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities. Office of Resource Conservation and Recovery. Unified Guidance. EPA 530-R-09-007.

Summary Statistics and Mann-Kendall Results
Ford Motor Company, Livonia Transmission Plant
Livonia, Michigan

Monitoring Well	Constituent	Start Date	End Date	Minimum Concentration	Maximum Concentration	Most Recent Concentration	n	% detections	CV	S-Statistic	p-value	Trend Determination
MW-02	TCE	5/12/2016	2/19/2020	3.4 J	< 140	< 100	13	31	NA	NA	NA	NA
MW-02	Total DCE	5/12/2016	2/19/2020	550	4,640	3,960	13	100	0.5	66	< 0.01	Statistically Significant Increasing
MW-02	VC	5/12/2016	2/19/2020	140	280	280	13	100	0.2	8	0.333	Stable
MW-05	TCE	5/13/2016	2/19/2020	0.18 J	< 1.0	< 1.0	12	17	NA	NA	NA	NA
MW-05	Total DCE	5/13/2016	2/19/2020	0.39 J	< 1.0	< 1.0	12	17	NA	NA	NA	NA
MW-05	VC	5/13/2016	2/19/2020	< 1.0	< 1.0	< 1.0	12	0	NA	NA	NA	NA
MW-09	TCE	5/12/2016	2/10/2020	< 1.0	< 1.0	< 1.0	12	0	NA	NA	NA	NA
MW-09	Total DCE	5/12/2016	2/10/2020	0.29 J	< 1.0	< 1.0	12	8	NA	NA	NA	NA
MW-09	VC	5/12/2016	2/10/2020	0.20 J	7.6	0.20 J	12	100	0.9	-60	< 0.01	Statistically Significant Decreasing
MW-10	TCE	5/13/2016	2/19/2020	< 10	< 250	< 200	13	8	NA	NA	NA	NA
MW-10	Total DCE	5/13/2016	2/19/2020	6.4 J	< 250	< 200	13	8	NA	NA	NA	NA
MW-10	VC	5/13/2016	2/19/2020	1,200	5,300	5,300	13	100	0.4	49	< 0.01	Statistically Significant Increasing
MW-22	TCE	5/10/2016	2/10/2020	0.25 J	< 200	< 67	13	8	NA	NA	NA	NA
MW-22	Total DCE	5/10/2016	2/10/2020	25	394.1	110	13	100	0.5	15	0.196	Variable
MW-22	VC	5/10/2016	2/10/2020	830	2,600 J	1,300	13	100	0.3	-21	0.109	Potentially Decreasing
MW-23	TCE	5/10/2016	2/7/2020	1,000	25,000	1,300	11	100	0.7	-12	0.195	Potentially Decreasing
MW-23	Total DCE	5/10/2016	2/7/2020	2,580	82,100	5,000	11	100	0.7	-11	0.218	Variable
MW-23	VC	5/10/2016	2/7/2020	77 J	2,400	< 200	11	82	0.6	-19	0.079	Statistically Significant Decreasing
MW-34	TCE	5/10/2016	2/8/2020	< 1.0	< 1.0	< 1.0	13	0	NA	NA	NA	NA
MW-34	Total DCE	5/10/2016	2/8/2020	0.29 J	< 1.0	0.39 J	13	62	0.3	NA	NA	Less than screening criteria
MW-34	VC	5/10/2016	2/8/2020	0.52 J	2.2	0.53 J	13	100	0.5	13	0.232	Stable
MW-35	TCE	5/10/2016	2/8/2020	0.11 J	< 1.0	< 1.0	12	8	NA	NA	NA	NA
MW-35	Total DCE	5/10/2016	2/8/2020	0.19 J	< 1.0	< 1.0	12	8	NA	NA	NA	NA
MW-35	VC	5/10/2016	2/8/2020	1.8	7.2	4.0	12	100	0.4	-6	0.366	Stable
MW-40	TCE	5/10/2016	2/8/2020	< 1.0	< 1.0	< 1.0	10	0	NA	NA	NA	NA
MW-40	Total DCE	5/10/2016	2/8/2020	2.6	4.2	2.8	10	100	0.2	NA	NA	Less than screening criteria
MW-40	VC	5/10/2016	2/8/2020	0.26 J	1.8	0.28 J	10	90	0.6	NA	NA	Less than screening criteria
MW-41	TCE	5/11/2016	2/8/2020	< 1.0	< 1.0	< 1.0	13	0	NA	NA	NA	NA
MW-41	Total DCE	5/11/2016	2/8/2020	0.77 J	3.5	2.6	13	100	0.3	NA	NA	Less than screening criteria
MW-41	VC	5/11/2016	2/8/2020	1.5	5.3	1.5	13	100	0.4	-20	0.121	Potentially Decreasing
MW-43	TCE	5/11/2016	2/8/2020	< 1.0	< 1.0	< 1.0	13	0	NA	NA	NA	NA
MW-43	Total DCE	5/11/2016	2/8/2020	< 1.0	< 1.0	< 1.0	13	0	NA	NA	NA	NA
MW-43	VC	5/11/2016	2/8/2020	0.33 J	17	< 1.0	13	85	1.0	-55	< 0.01	Statistically Significant Decreasing
MW-46	TCE	5/12/2016	2/12/2020	< 1.0	< 5.0	< 1.0	13	0	NA	NA	NA	NA
MW-46	Total DCE	5/12/2016	2/12/2020	1.6 J	26	3.1	13	100	0.7	NA	NA	Less than screening criteria
MW-46	VC	5/12/2016	2/12/2020	13	150	17	13	100	0.8	-24	0.079	Statistically Significant Decreasing
MW-49	TCE	5/12/2016	2/13/2020	< 50	< 2,500	< 1,000	12	0	NA	NA	NA	NA
MW-49	Total DCE	5/12/2016	2/13/2020	15,110	43,000	18,000	12	100	0.3	-11	0.246	Stable to Decreasing
MW-49	VC	5/12/2016	2/13/2020	4,900	10,000	7,000	12	100	0.2	-24	0.057	Statistically Significant Decreasing
MW-50	TCE	5/11/2016	2/11/2020	< 1.0	< 6.7	< 5.0	13	0	NA	NA	NA	NA
MW-50	Total DCE	5/11/2016	2/11/2020	5.2	23	11	13	100	0.4	NA	NA	Less than screening criteria
MW-50	VC	5/11/2016	2/11/2020	48	200	110	13	100	0.3	17	0.163	Potentially Increasing
MW-52	TCE	5/11/2016	2/8/2020	< 1.0	< 1.0	< 1.0	12	0	NA	NA	NA	NA
MW-52	Total DCE	5/11/2016	2/8/2020	< 1.0	< 1.0	< 1.0	12	0	NA	NA	NA	NA
MW-52	VC	5/11/2016	2/8/2020	3.4	9.1	4.3	12	100	0.3	-21	0.085	Statistically Significant Decreasing
MW-54	TCE	7/27/2017	2/12/2020	< 1.0	< 1.0	< 1.0	10	0	NA	NA	NA	NA
MW-54	Total DCE	7/27/2017	2/12/2020	< 1.0	< 1.0	< 1.0	10	0	NA	NA	NA	NA
MW-54	VC	7/27/2017	2/12/2020	0.34 J	1.5	1.2	9	100	0.3	-1	0.500	Stable
MW-62	TCE	4/21/2017	2/11/2020	< 1.0	< 1.0	< 1.0	12	0	NA	NA	NA	NA
MW-62	Total DCE	4/21/2017	2/11/2020	0.23 J	1.6	< 1.0	12	58	0.9	NA	NA	Less than screening criteria
MW-62	VC	4/21/2017	2/11/2020	0.62 J	1.5	1.0	12	92	0.3	-6	0.364	Stable
MW-64	TCE	4/24/2017	2/3/2020	< 1.0	< 1.0	< 1.0	12	0	NA	NA	NA	NA
MW-64	Total DCE	4/24/2017	2/3/2020	0.23 J	0.37 J	0.18 J	12	75	0.2	NA	NA	Less than screening criteria
MW-64	VC	4/24/2017	2/3/2020	0.69 J	9.9	0.69 J	12	100	0.6	-2	0.473	Variable
MW-65	TCE	4/25/2017	2/4/2020	< 1.0	< 4.0	< 1.0	12	0	NA	NA	NA	NA
MW-65	Total DCE	4/25/2017	2/4/2020	3.3	7.0	4.0	12	100	0.2	NA	NA	Less than screening criteria
MW-65	VC	4/25/2017	2/4/2020	20	61	20	12	100	0.3	-38	< 0.01	Statistically Significant Decreasing
MW-66	TCE	4/25/2017	2/10/2020	< 1.0	< 1.0	< 1.0	12	0	NA	NA	NA	NA
MW-66	Total DCE	4/25/2017	2/10/2020	0.19 J	< 1.0	< 1.0	12	8	NA	NA	NA	NA
MW-66	VC	4/25/2017	2/10/2020	0.81 J	5.6	2.4	12	92	0.5	-38	< 0.01	Statistically Significant Decreasing
MW-68	TCE	4/24/2017	2/12/2020	0.26 J	< 1.0	0.52 J	12	25	NA	NA	NA	NA
MW-68	Total DCE	4/24/2017	2/12/2020	11	45	38	12	100	0.5	NA	NA	Less than screening criteria
MW-68	VC	4/24/2017	2/12/2020	2.1	19	10	12	100	0.7	12	0.223	Variable
MW-69	TCE	4/25/2017	2/3/2020	< 1.0	< 1.0	< 1.0	11	0	NA	NA	NA	NA
MW-69	Total DCE	4/25/2017	2/3/2020	0.19 J	< 1.0	0.22 J	11	45	NA	NA	NA	NA
MW-69	VC	4/25/2017	2/3/2020	< 1.0	4.2	3.5	11	82	0.2	27	0.021	Statistically Significant Increasing
MW-71	TCE	4/24/2017	2/12/2020	< 1.0	< 1.0	< 1.0	12	0	NA	NA	NA	NA
MW-71	Total DCE	4/24/2017	2/12/2020	0.30 J	0.61 J	0.46 J	12	83	0.2	NA	NA	Less than screening criteria
MW-71	VC	4/24/2017	2/12/2020	0.29 J	0.83 J	0.29 J	12	83	0.4	NA	NA	Less than screening criteria
MW-72	TCE	5/22/2017	2/13/2020	< 1.0	< 1.0	< 1.0	12	0	NA	NA	NA	NA
MW-72	Total DCE	7/26/2017	2/13/2020	< 1.0	< 1.0	< 1.0	12	0	NA	NA	NA	NA
MW-72	VC	5/22/2017	2/13/2020	1.1	3.9	2.1	12	100	0.4	-5	0.392	Stable
MW-73D	TCE	5/22/2017	2/10/2020	< 1.0	< 1.0	< 1.0	12	0	NA	NA	NA	NA
MW-73D	Total DCE	7/26/2017	2/10/2020	0.19 J	< 1.0	< 1.0	11	55	0.3	NA	NA	Less than screening criteria
MW-73D	VC	5/22/2017	2/10/2020	0.48 J	1.3	< 1.0	12	67	0.3	NA	NA	Less than screening criteria
MW-73S	TCE	5/22/2017	2/10/2020	0.15 J	< 1.0	0.15 J	13	85	0.3	NA	NA	Less than screening criteria
MW-73S	Total DCE	7/26/2017	2/10/2020	1.3	3.4	1.3	12	100	0.3	NA	NA	Less than screening criteria
MW-73S	VC	5/22/2017	2/10/2020	0.62 J	1.9	0.87 J	13	92	0.3	-27	0.056	Statistically Significant Decreasing
MW-74	TCE	5/23/2017	2/7/2020	< 1.0	< 1.0	< 1.0	12	0	NA	NA	NA	NA
MW-74	Total DCE	7/26/2017	2/7/2020	0.41 J	1.5	1.5	11	82	0.5	NA	NA	Less than screening criteria
MW-74	VC	5/23/2017	2/7/2020	0.70 J	2.8	< 1.0	12	75	0.3	-17	0.134	Potentially Decreasing
MW-75D	TCE	5/23/2017	2/4/2020	< 1.0	< 1.0	< 1.0	12	0	NA	NA	NA	NA
MW-75D	Total DCE	7/26/2017	2/4/2020	< 1.0	< 1.0	< 1.0	11	0	NA	NA	NA	NA
MW-75D	VC	5/23/2017	2/4/2020	1.0	6.4	1.0	12	100	0.6	-46	< 0.01	Statistically Significant Decreasing
MW-79D	TCE	5/24/2017	2/11/2020	< 1.0	< 1.0	< 1.0	12	0	NA	NA	NA	NA
MW-79D	Total DCE	7/25/2017	2/11/2020	< 1.0	< 1.0	< 1.0	11	0	NA	NA	NA	NA
MW-79D	VC	5/24/2017	2/11/2020	1.3	4.1	2.1	12	100	0.3	-29	0.027	Statistically Significant Decreasing
MW-80S	TCE	5/24/2017	2/4/2020	< 1.0	< 1.0	< 1.0	13	0	NA	NA	NA	NA
MW-80S	Total DCE	7/25/2017	2/4/2020	0.18 J	< 1.0	< 1.0	12	8	NA	NA	NA	NA
MW-80S	VC	5/24/2017	2/4/2020	1.4	7.6	1.8	13	100	0.5	-34	0.022	Statistically Significant Decreasing
MW-85	TCE	5/25/2017	2/3/2020	< 1.0	< 1.0	< 1.0	12	0	NA	NA	NA	NA
MW-85	Total DCE	7/25/2017	2/3/2020	< 1.0	< 1.0	< 1.0	11	0	NA	NA	NA	NA
MW-85	VC	5/25/2017	2/3/2020	4.9	8.6	4.9	12	100	0.2	-46	< 0.01	Statistically Significant Decreasing
TW-16-02	TCE	4/25/2017	2/3/2020	< 20	< 1,000	< 330	12	0	NA	NA	NA	NA
TW-16-02	Total DCE	4/25/2017	2/3/2020	170	7,830	2,200	12	100	0.5	-18	0.122	Potentially Decreasing
TW-16-02	VC	4/25/2017	2/3/2020	420	15,000	7,000	12	100	0.5	-43	< 0.01	Statistically Significant Decreasing
TW-16-04	TCE	4/25/2017	2/4/2020	< 1.0	< 6.7	< 2.5	12	0	NA	NA	NA	NA
TW-16-04	Total DCE	4/25/2017	2/4/2020	12	25	12	12	100	0.2	NA	NA	Less than screening criteria
TW-16-04	VC	4/25/2017	2/4/2020	22	150	22	12	100	0.5	-57	< 0.01	Statistically Significant Decreasing

Notes:
All concentrations are micrograms per liter
TCE = trichloroethene
Total DCE = sum of cis-1,2-DCE, trans-1,2-DCE, and 1,1-DCE. Non-detect concentrations taken as zero.
VC = vinyl chloride
< = less than the posted reporting limit
n = number of samples included in analysis
% = percent
CV = coefficient of variation; low values indicate stable concentrations. Values near or greater than 1 suggest variability and/or a temporal trend.
NA = not applicable due to elevated proportion of non-detect concentrations
S-Statistic: positive values suggest increasing trend, negative values suggest decreasing trend, values near zero indicate stability or variability.
p-value: values less than 0.1 indicate a statistically significant trend at 90% confidence.

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: K. HINSKEY PROJECT NUMBER: 30050315 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet \
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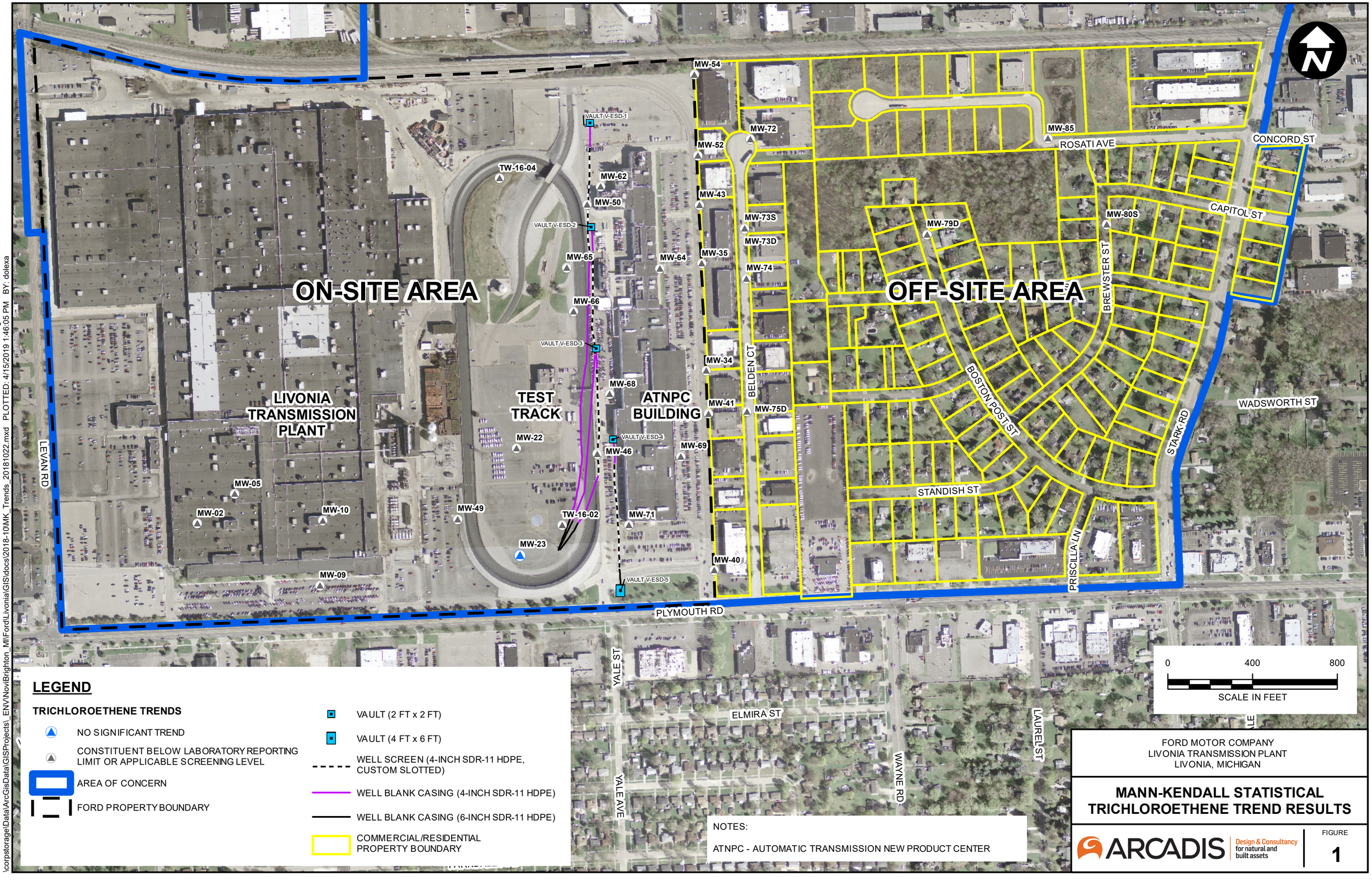

LEGEND

TRICHLOROETHENE TRENDS

- NO SIGNIFICANT TREND
- CONSTITUENT BELOW LABORATORY REPORTING LIMIT OR APPLICABLE SCREENING LEVEL
- AREA OF CONCERN
- FORD PROPERTY BOUNDARY
- VAULT (2 FT x 2 FT)
- VAULT (4 FT x 6 FT)
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- COMMERCIAL/RESIDENTIAL PROPERTY BOUNDARY

NOTES:

ATNPC - AUTOMATIC TRANSMISSION NEW PRODUCT CENTER

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

MANN-KENDALL STATISTICAL TRICHLOROETHENE TREND RESULTS

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FIGURE 1

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: K. HINSKEY PROJECT NUMBER: 30050315 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet \
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ON-SITE AREA

OFF-SITE AREA

LIVONIA TRANSMISSION PLANT

TEST TRACK

ATNPC BUILDING

MW-54 MW-72 MW-85 MW-52 TW-16-04 MW-62 MW-50 MW-43 MW-73D MW-73S MW-79D MW-80S MW-35 MW-74 MW-65 MW-64 MW-66 MW-34 MW-68 MW-41 MW-75D MW-22 MW-46 MW-69 MW-05 MW-02 MW-10 MW-49 TW-16-02 MW-71 MW-23 MW-40 MW-09

VAULT V-ESD-1 VAULT V-ESD-2 VAULT V-ESD-3 VAULT V-ESD-4 VAULT V-ESD-5

ROSATI AVE CONCORD ST CAPITOL ST BREWSTER ST BELDEN CT BOSTON POST ST STARK RD WADSWORTH ST STANDISH ST PRISCILLA LN LEVAN RD PLYMOUTH RD YALE ST ELMIRA ST LAUREL ST WAYNE RD YALE AVE

0 400 800

SCALE IN FEET

LEGEND

TOTAL DICHLOROETHENE TRENDS

- INCREASING TREND
- NO SIGNIFICANT TREND
- CONSTITUENT BELOW LABORATORY REPORTING LIMIT OR APPLICABLE SCREENING LEVEL
- AREA OF CONCERN
- FORD PROPERTY BOUNDARY
- VAULT (2 FT x 2 FT)
- VAULT (4 FT x 6 FT)
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- COMMERCIAL/RESIDENTIAL PROPERTY BOUNDARY

NOTES:

ATNPC - AUTOMATIC TRANSMISSION NEW PRODUCT CENTER

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

MANN-KENDALL STATISTICAL TOTAL DICHLOROETHENE TREND RESULTS

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FIGURE 2

CITY: Novi DIV: ENV DB: MG PIC: R. ELLIS PM: K. HINSKEY PROJECT NUMBER: 30050315 COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet \
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ON-SITE AREA

OFF-SITE AREA

LIVONIA TRANSMISSION PLANT

TEST TRACK

ATNPC BUILDING

MW-54 MW-72 MW-85 MW-52 TW-16-04 MW-62 MW-50 MW-43 MW-73S MW-79D MW-80S MW-73D MW-35 MW-74 MW-65 MW-64 MW-66 MW-34 MW-68 MW-41 MW-75D MW-22 MW-46 MW-69 MW-05 MW-02 MW-10 MW-49 TW-16-02 MW-71 MW-23 MW-40 MW-09

VAULT V-ESD-1 VAULT V-ESD-2 VAULT V-ESD-3 VAULT V-ESD-4 VAULT V-ESD-5

ROSATI AVE CONCORD ST CAPITOL ST BREWSTER ST BELDEN CT BOSTON POST ST STARK RD WADSWORTH ST STANDISH ST PRISCILLA LN LEVAN RD PLYMOUTH RD YALE ST ELMIRA ST LAUREL ST WAYNE RD YALE AVE

LEGEND

VINYL CHLORIDE TRENDS

- INCREASING TREND
- DECREASING TREND
- NO SIGNIFICANT TREND
- CONSTITUENT BELOW LABORATORY REPORTING LIMIT OR APPLICABLE SCREENING LEVEL
- AREA OF CONCERN
- FORD PROPERTY BOUNDARY
- VAULT (2 FT x 2 FT)
- VAULT (4 FT x 6 FT)
- WELL SCREEN (4-INCH SDR-11 HDPE, CUSTOM SLOTTED)
- WELL BLANK CASING (4-INCH SDR-11 HDPE)
- WELL BLANK CASING (6-INCH SDR-11 HDPE)
- COMMERCIAL/RESIDENTIAL PROPERTY BOUNDARY

0 400 800
SCALE IN FEET

NOTES:

ATNPC - AUTOMATIC TRANSMISSION NEW PRODUCT CENTER

FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

MANN-KENDALL STATISTICAL VINYL CHLORIDE TREND RESULTS

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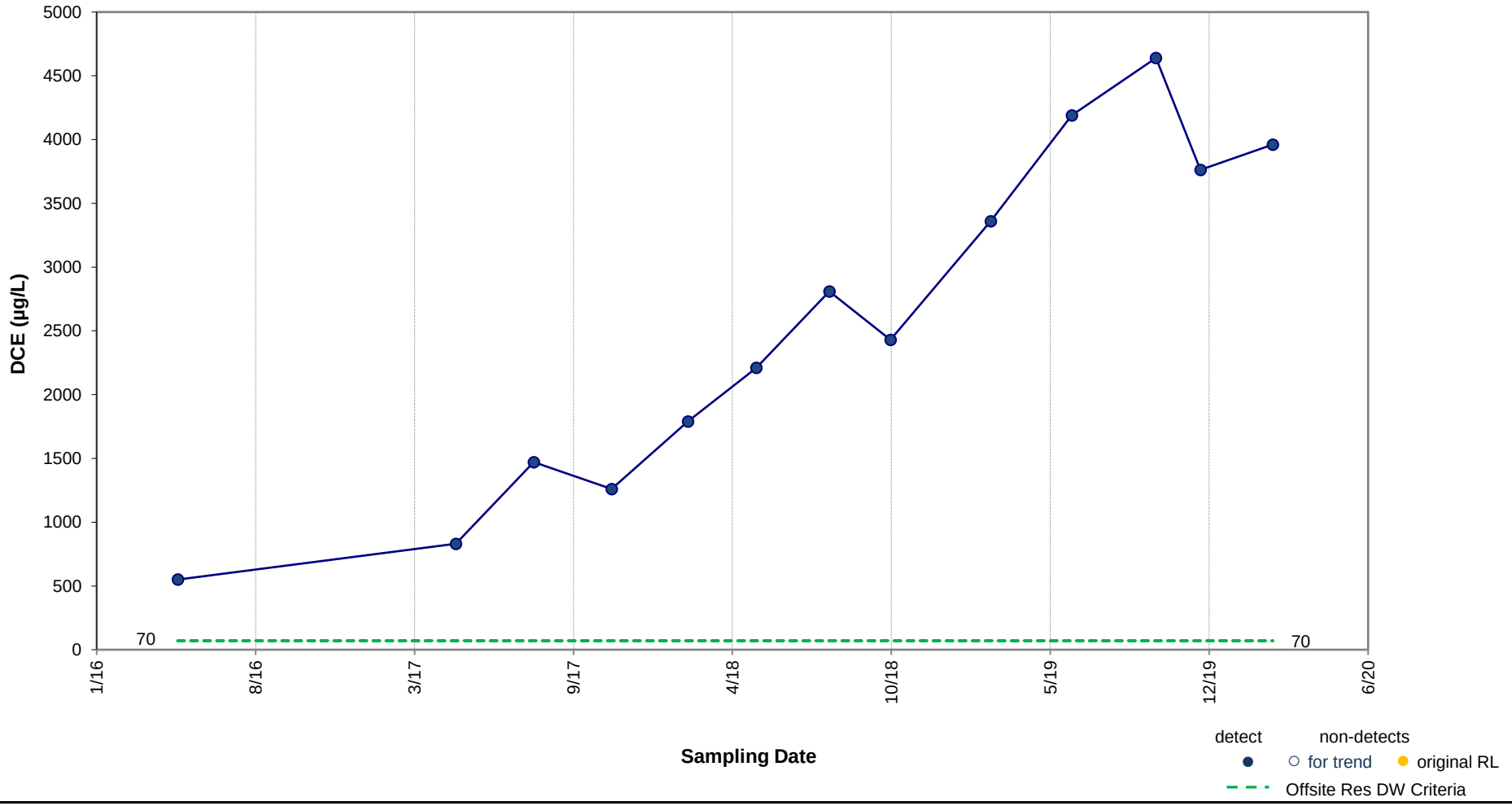
FIGURE 3



Results of Mann-Kendall Test for Trend: **INCREASING TREND**

p value = <0.001 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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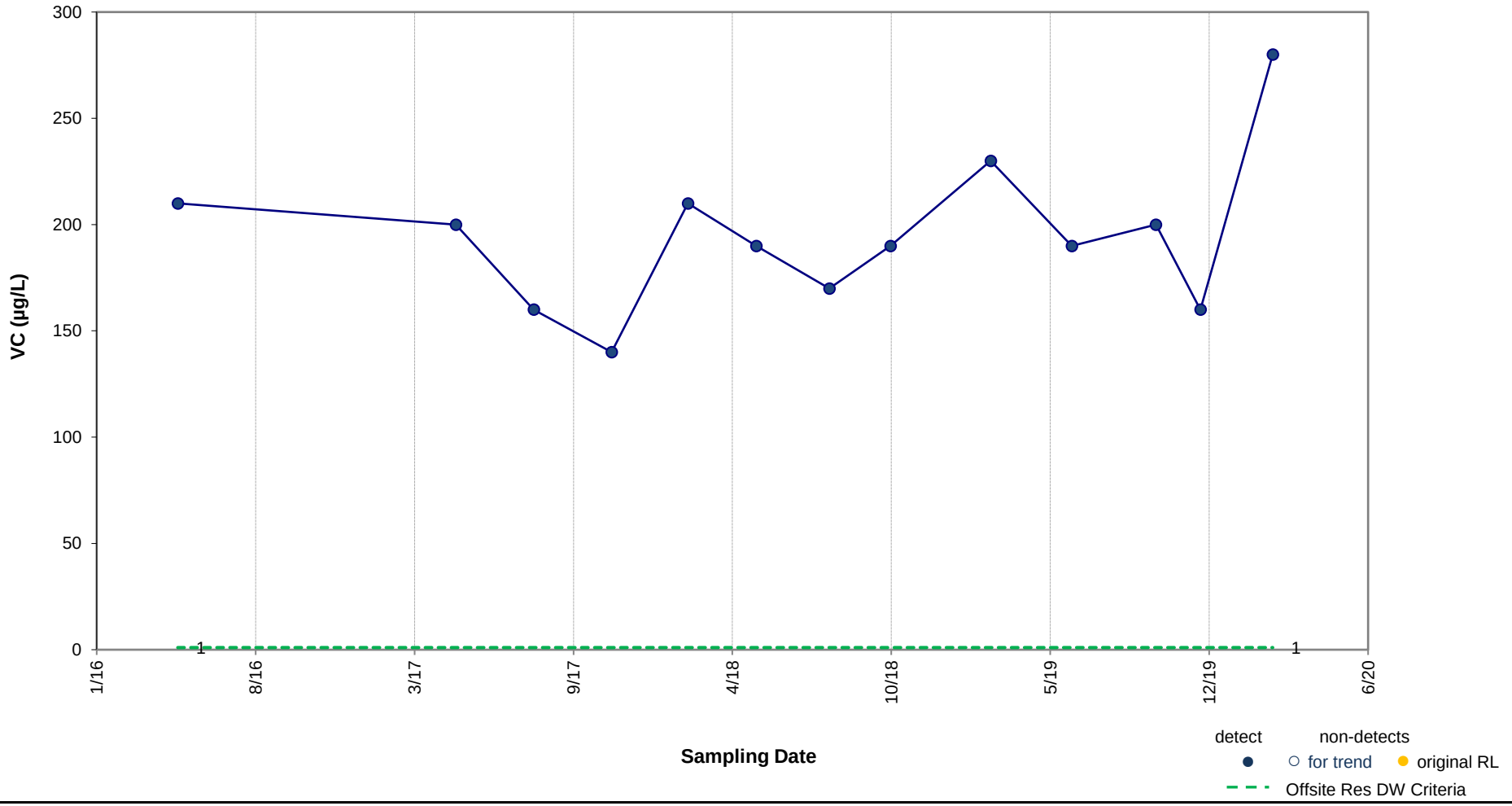
Concentration vs. Time Plot – DCE in MW-2

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 4



Results of Mann-Kendall Test for Trend: **No Significant Trend**

p value = 0.333 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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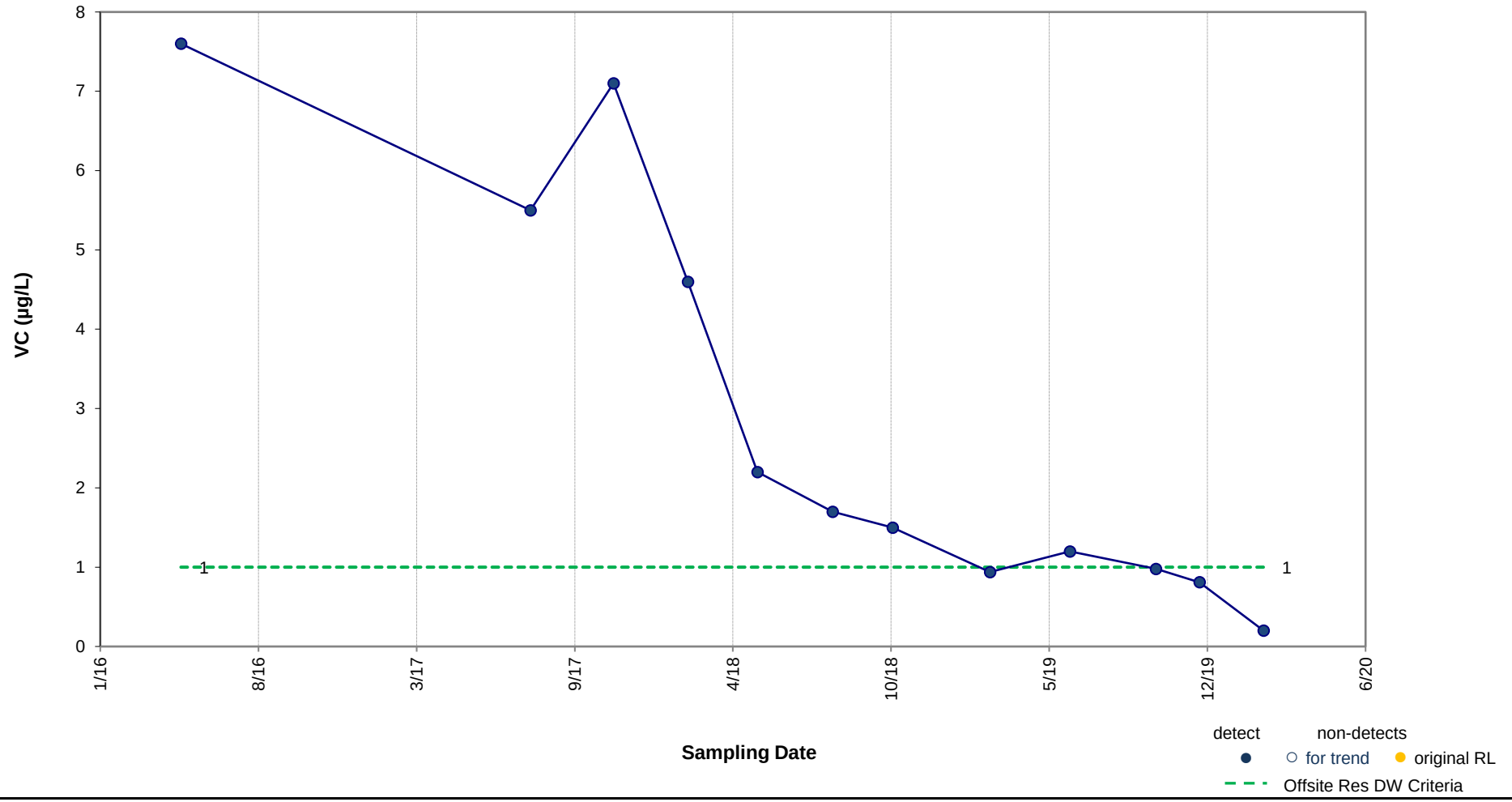
Concentration vs. Time Plot – VC in MW-2

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 5



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

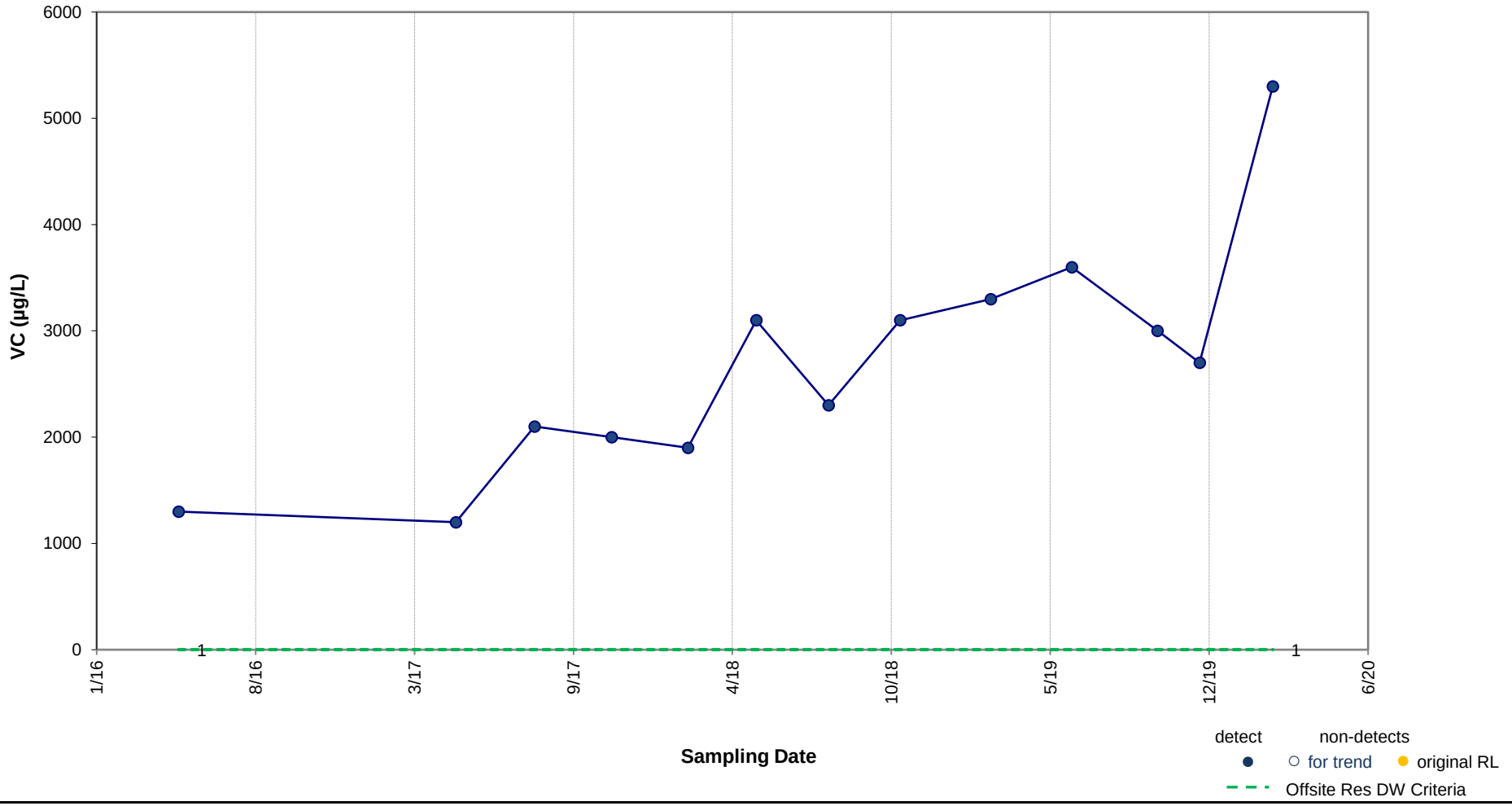
p value = <0.001 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS Design & Consultancy for natural and built assets

Concentration vs. Time Plot – VC in MW-9

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 6



Results of Mann-Kendall Test for Trend: **INCREASING TREND**

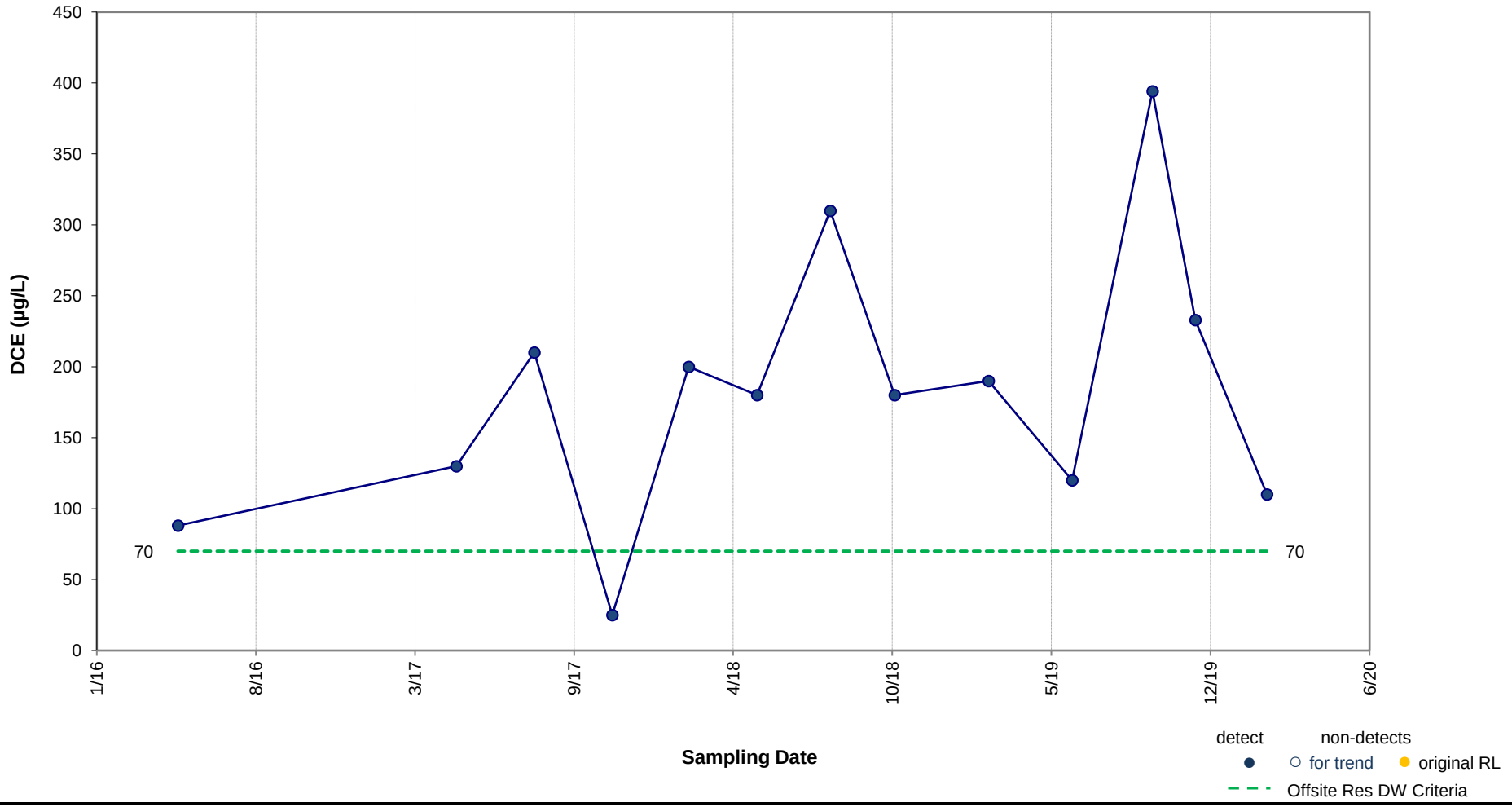
p value = 0.002 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS Design & Consultancy for natural and built assets

Concentration vs. Time Plot – VC in MW-10

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 7



Results of Mann-Kendall Test for Trend: **No Significant Trend**

p value = 0.196 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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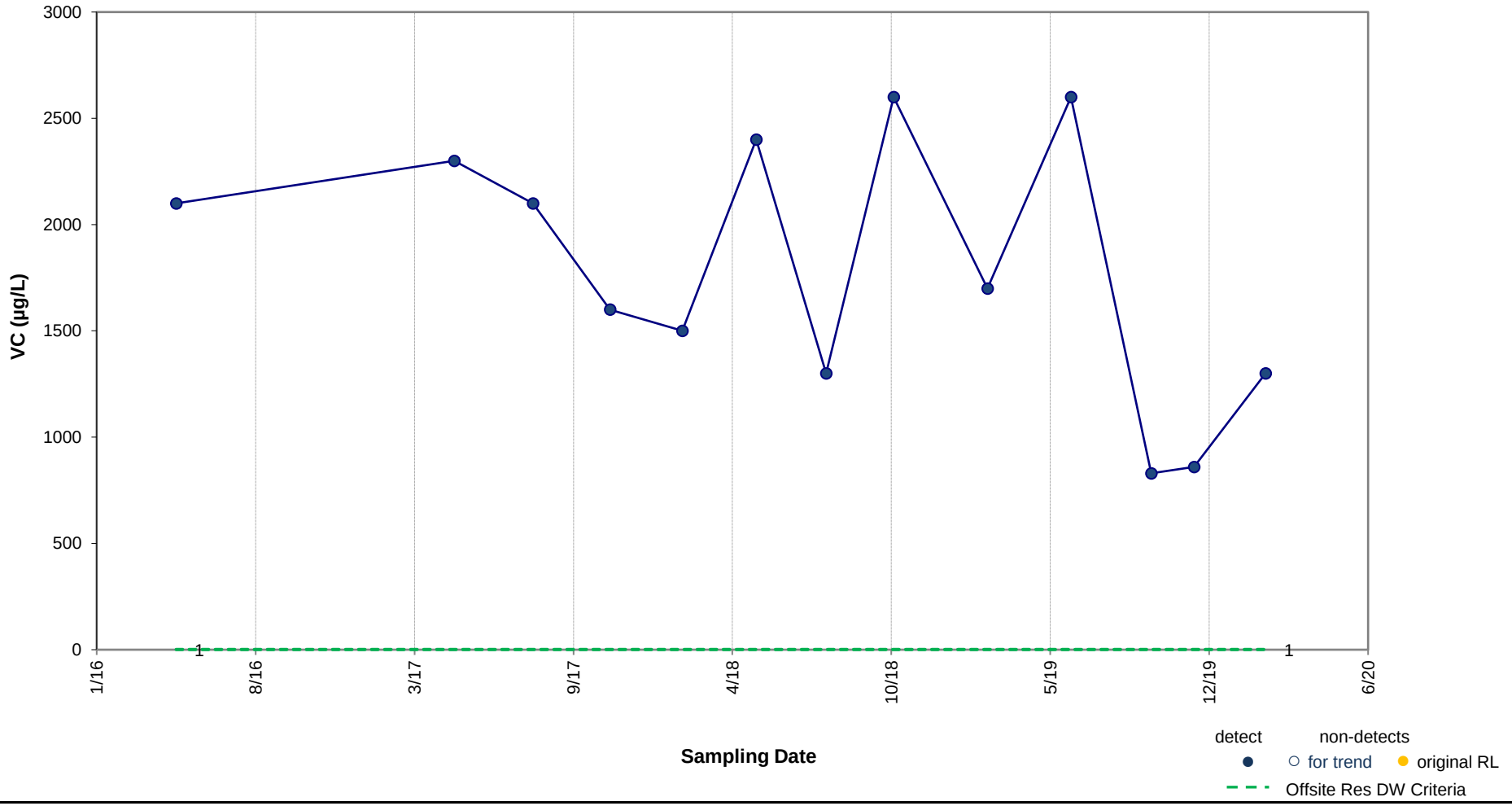
Concentration vs. Time Plot – DCE in MW-22

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 8



Results of Mann-Kendall Test for Trend: **No Significant Trend**

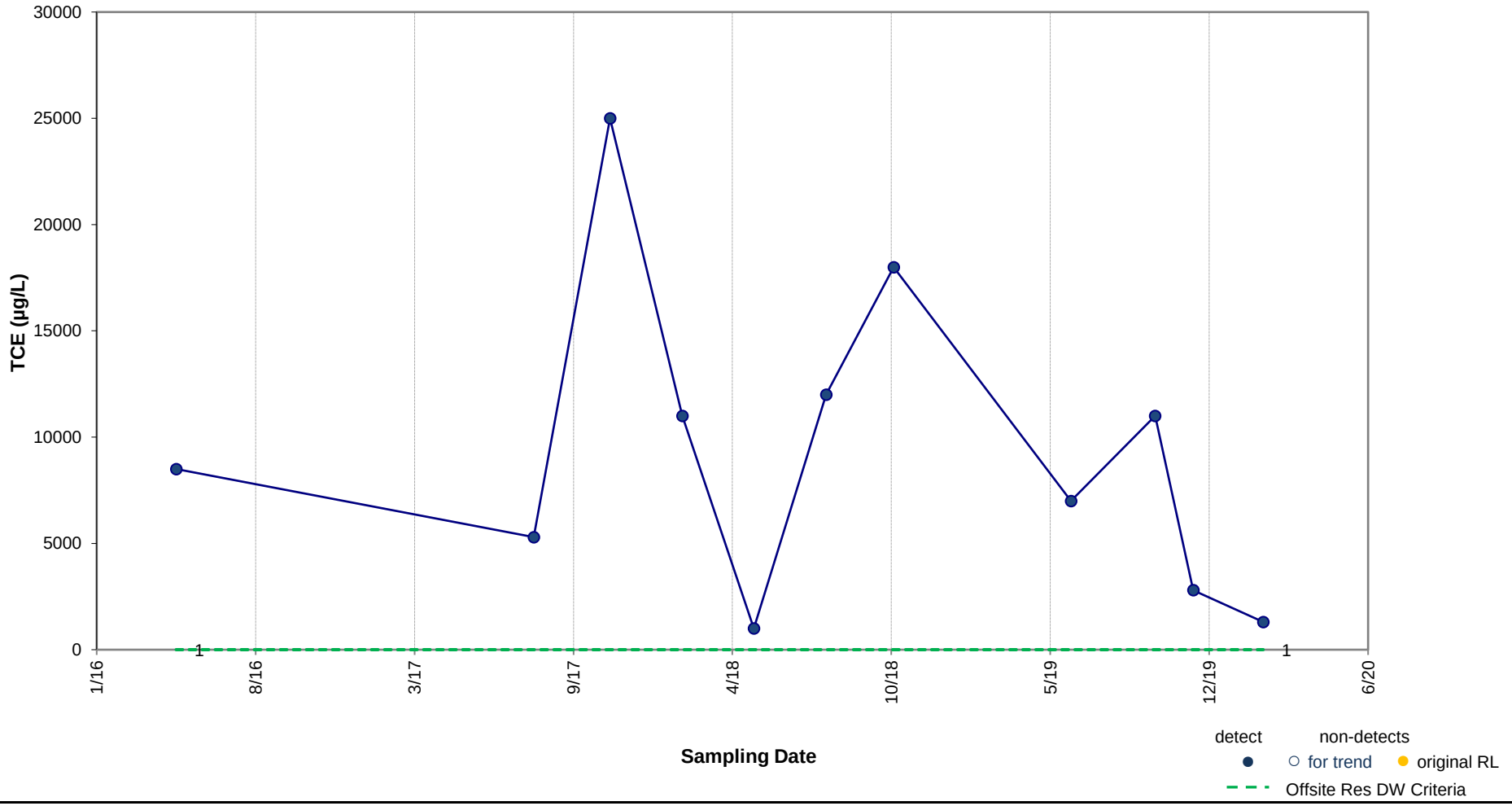
p value = 0.110 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS Design & Consultancy for natural and built assets

Concentration vs. Time Plot – VC in MW-22

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 9



Results of Mann-Kendall Test for Trend: **No Significant Trend**

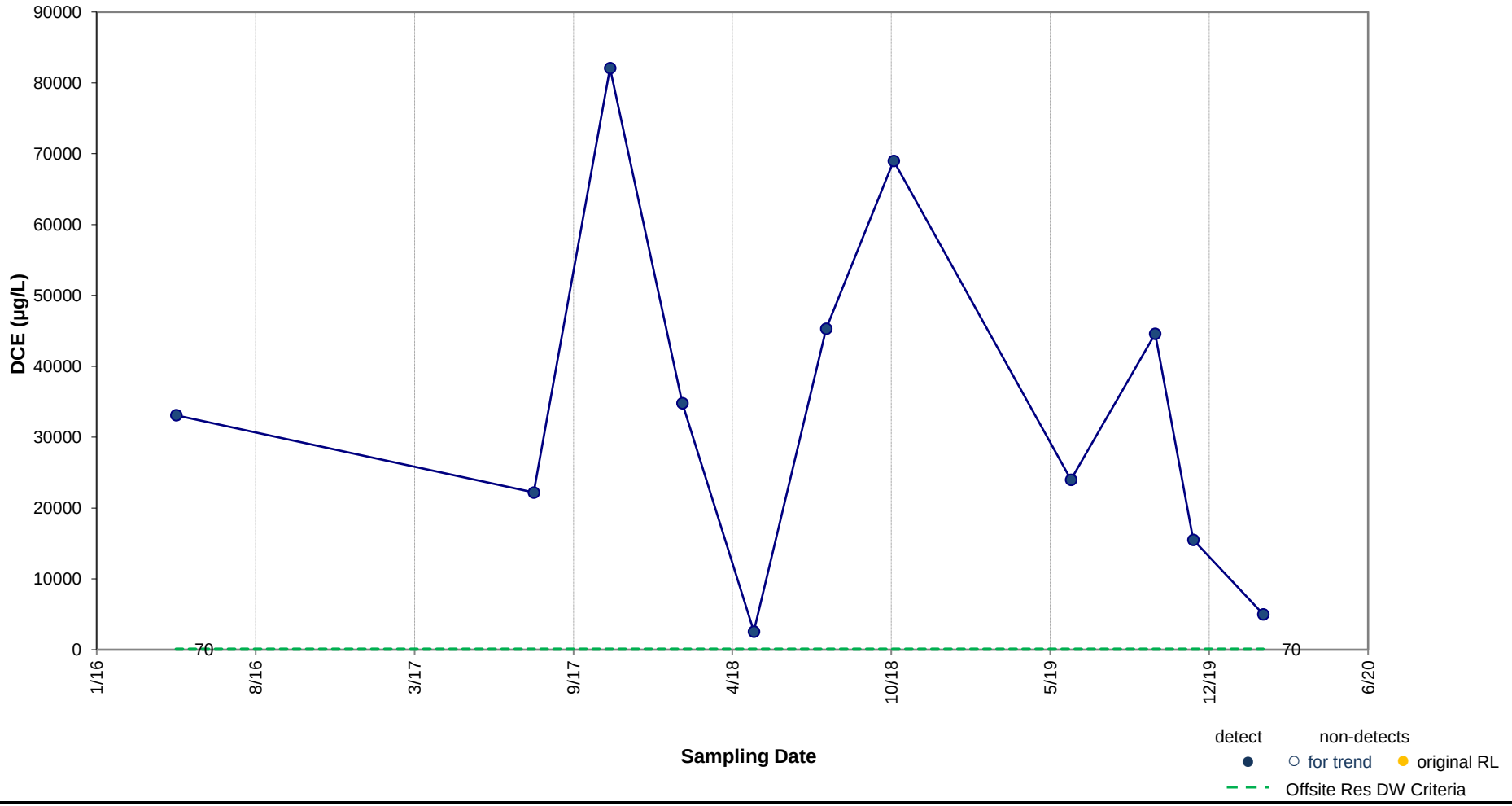
p value = 0.195 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS Design & Consultancy for natural and built assets

Concentration vs. Time Plot – TCE in MW-23

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 10



Results of Mann-Kendall Test for Trend: **No Significant Trend**

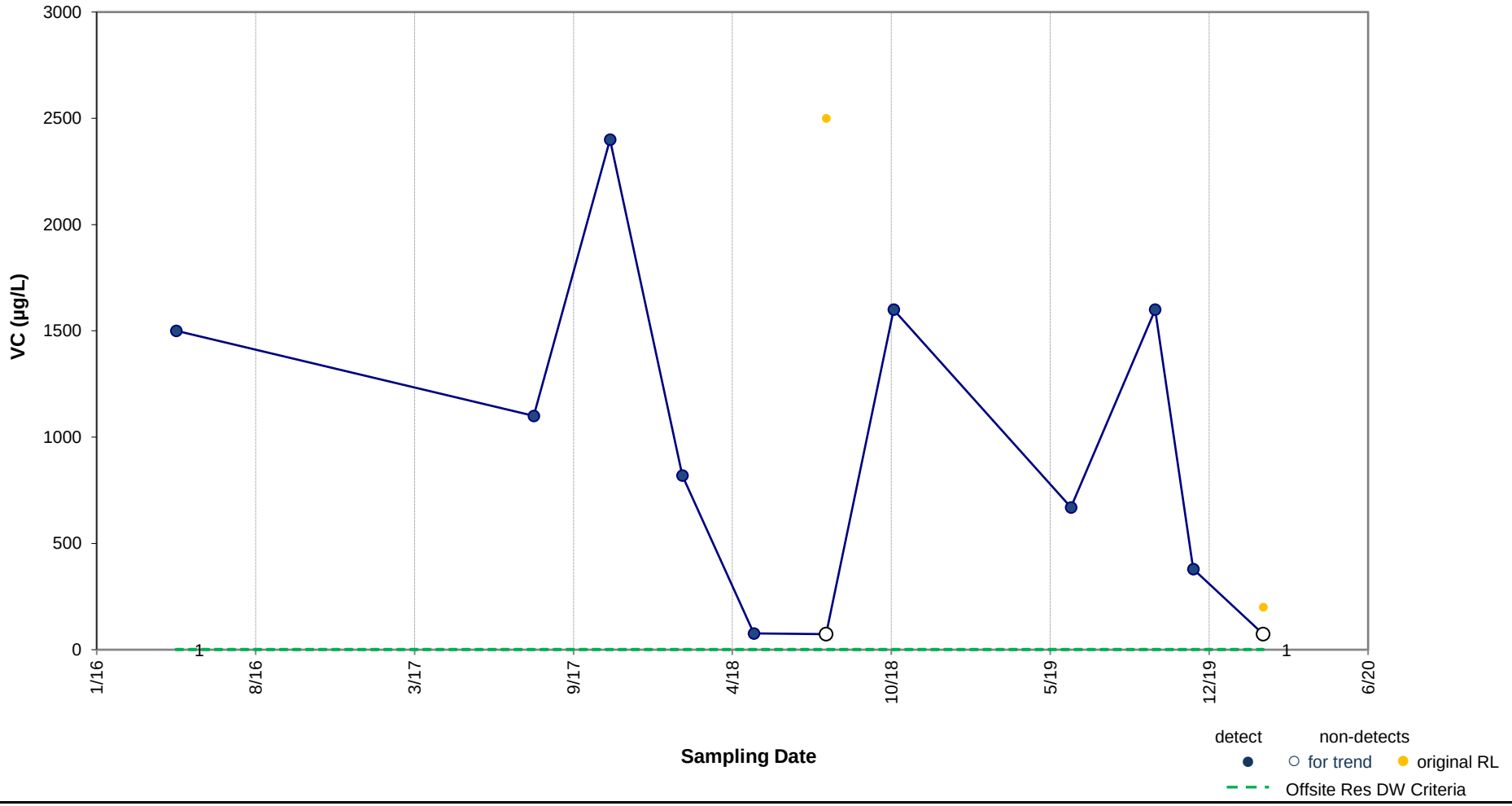
p value = 0.218 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS Design & Consultancy for natural and built assets

Concentration vs. Time Plot – DCE in MW-23

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 11



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

p value = 0.079 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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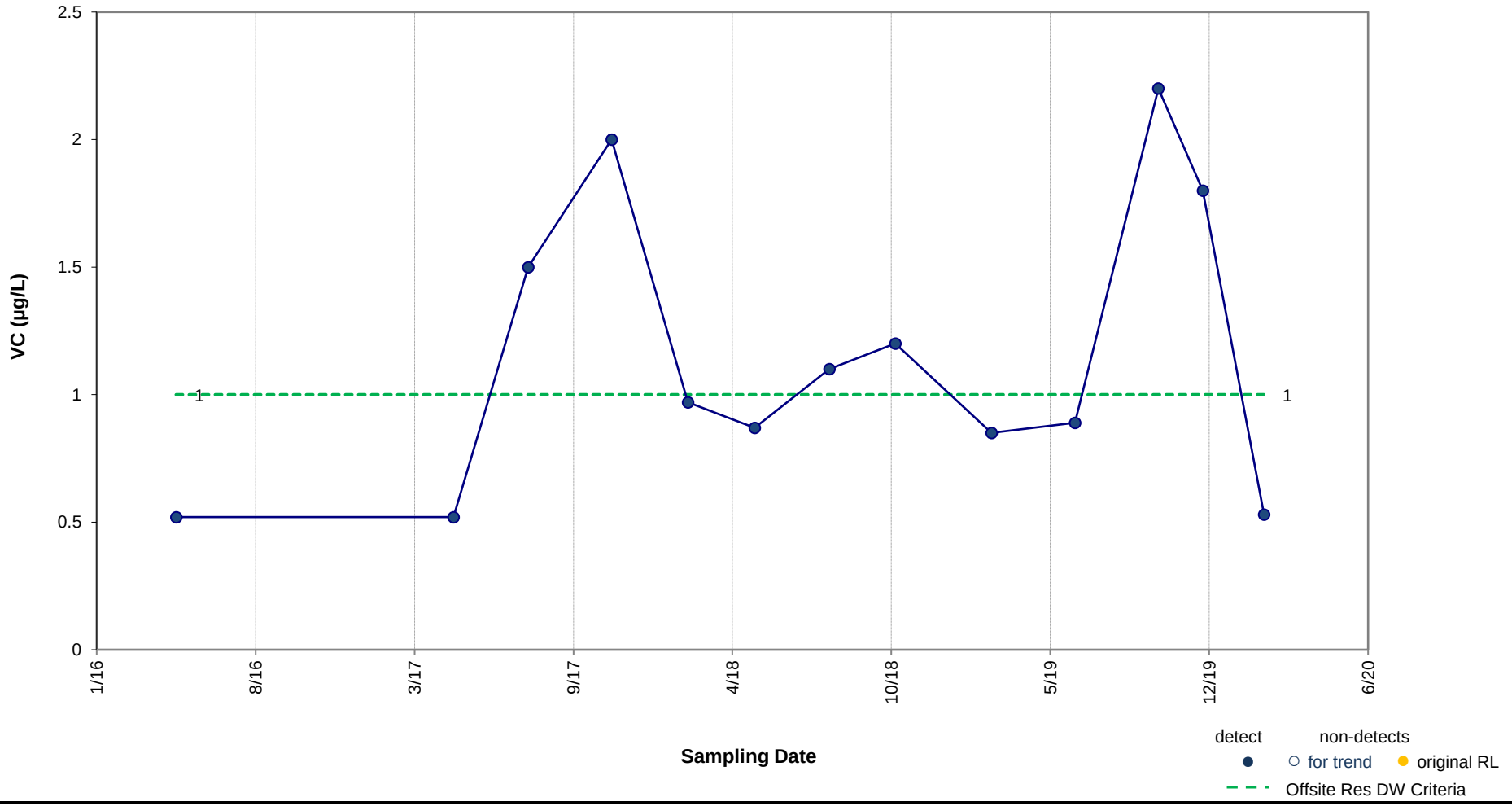
Concentration vs. Time Plot – VC in MW-23

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 12



Results of Mann-Kendall Test for Trend: **No Significant Trend**

p value = 0.232 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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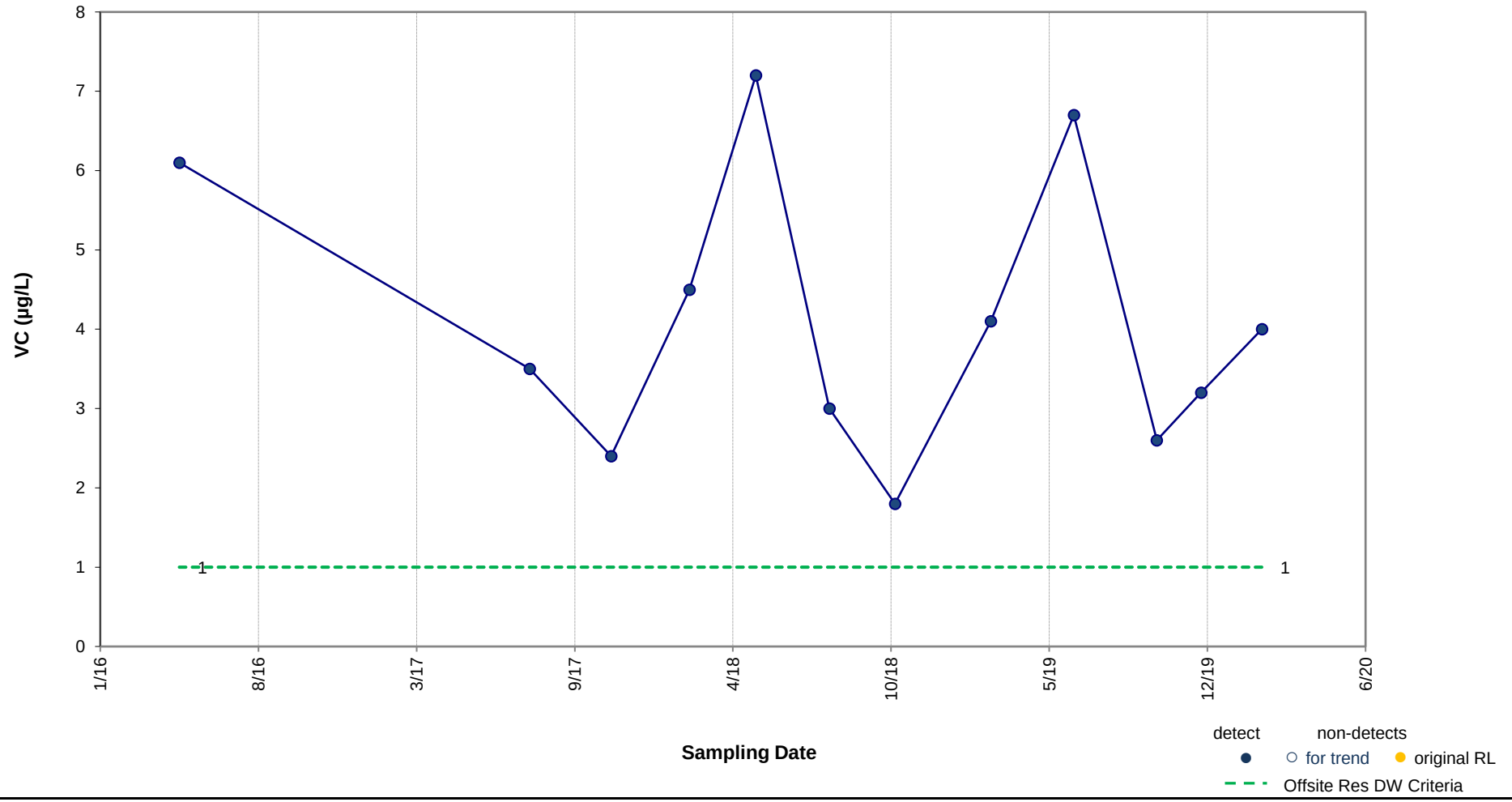
Concentration vs. Time Plot – VC in MW-34

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 13



Results of Mann-Kendall Test for Trend: **No Significant Trend**

p value = 0.366 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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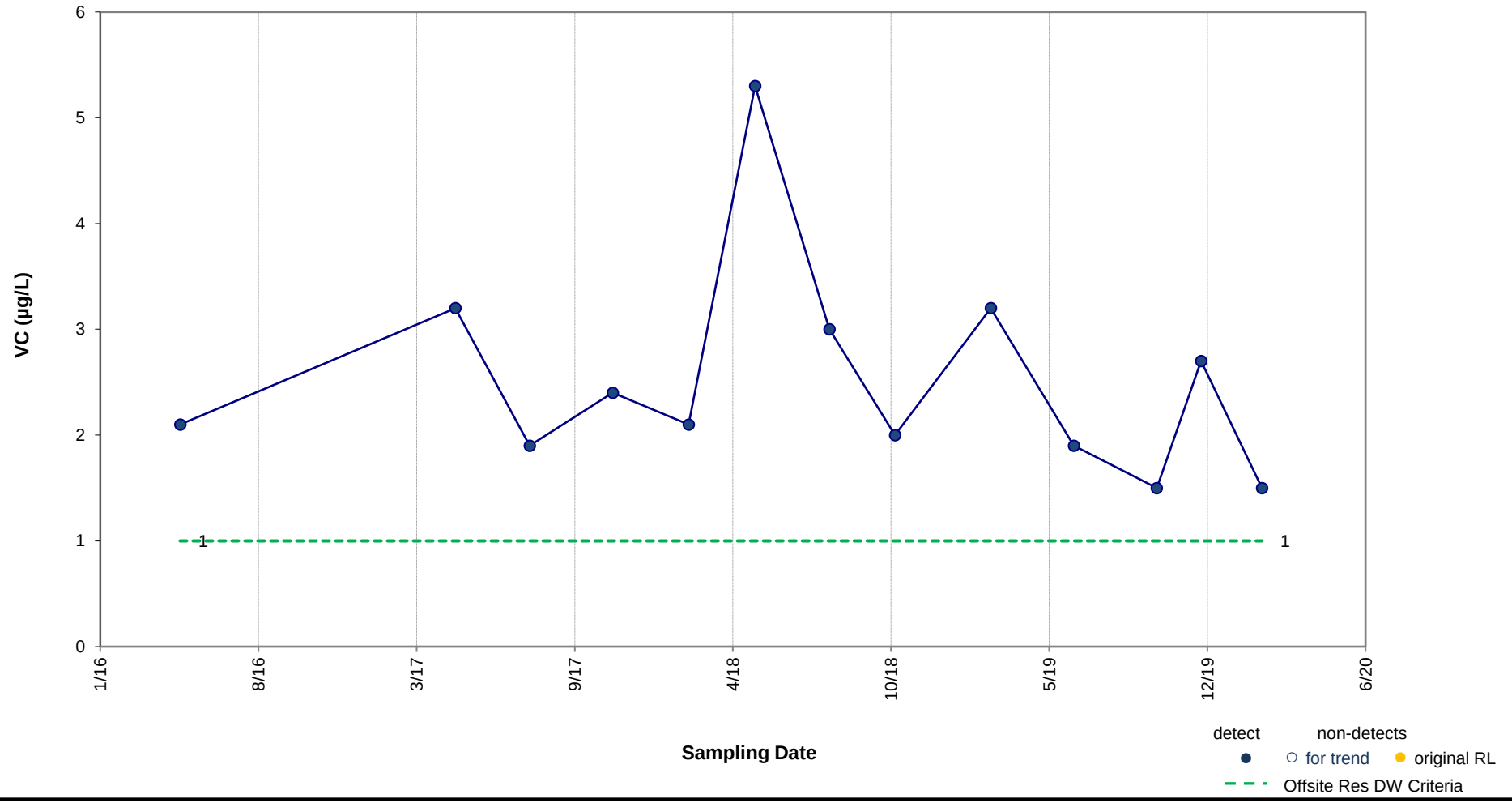
Concentration vs. Time Plot – VC in MW-35

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 14



Results of Mann-Kendall Test for Trend: **No Significant Trend**

p value = 0.121 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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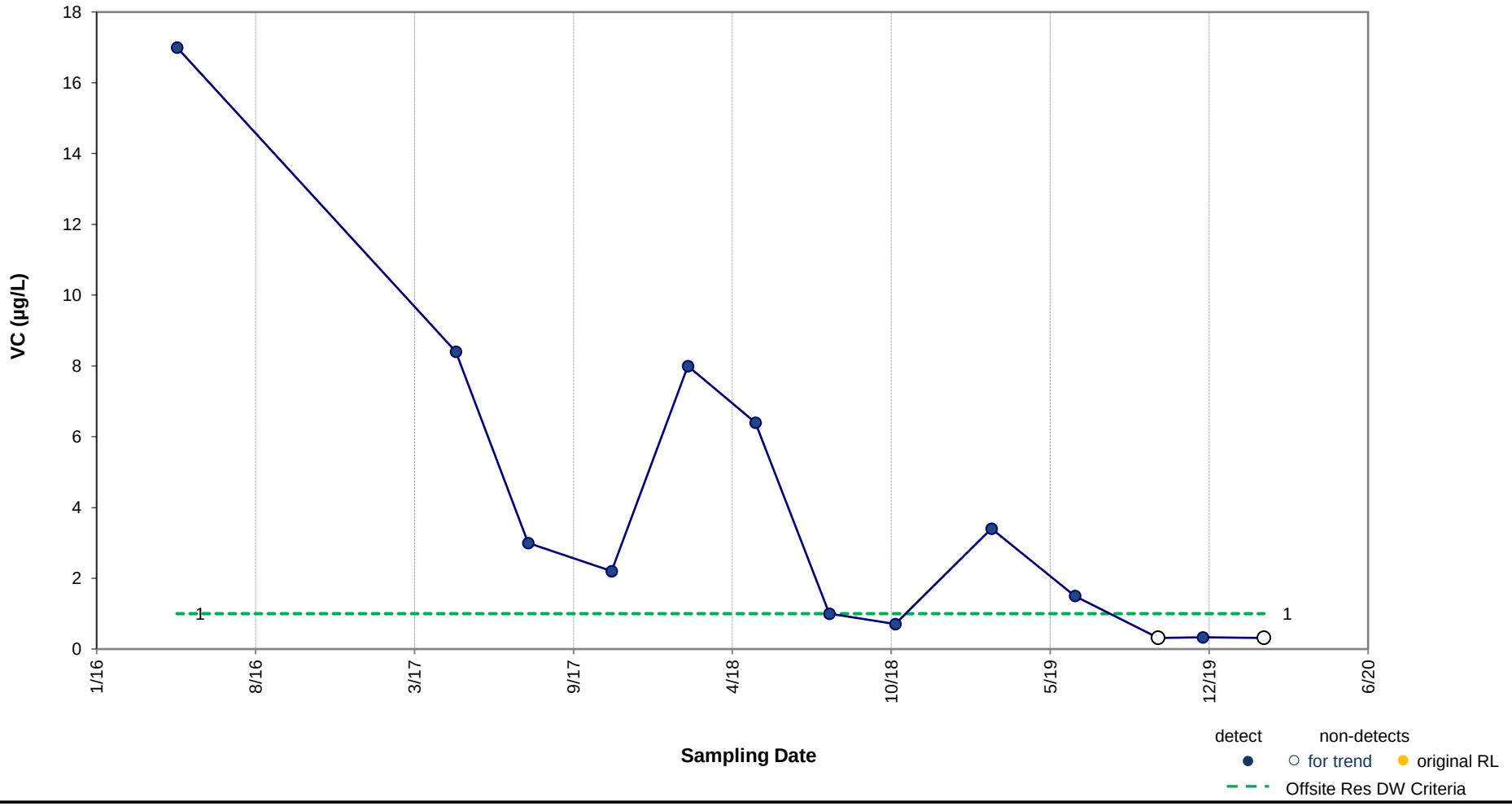
Concentration vs. Time Plot – VC in MW-41

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 15



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

p value = <0.001 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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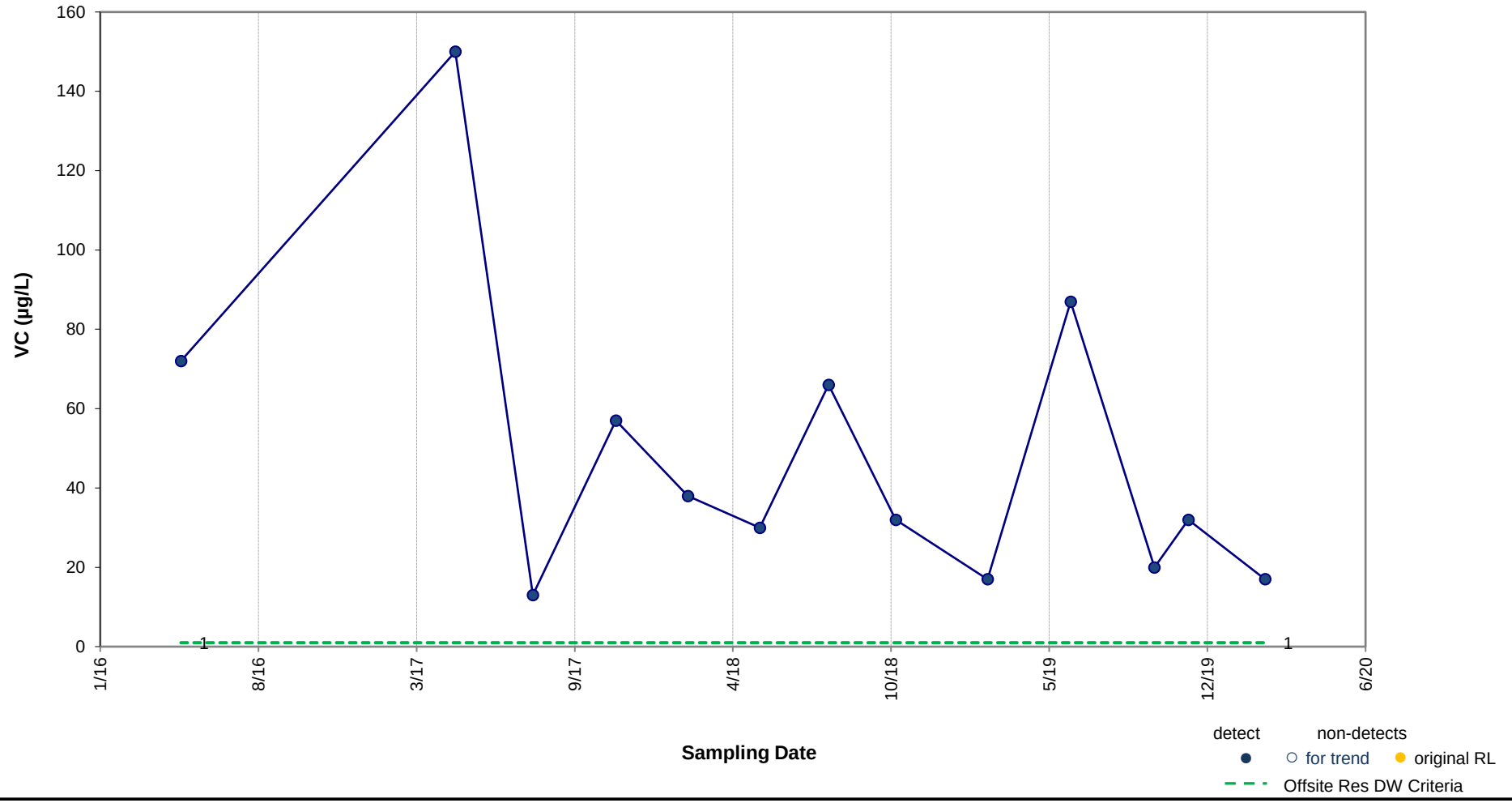
Concentration vs. Time Plot – VC in MW-43

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 16



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

p value = 0.079 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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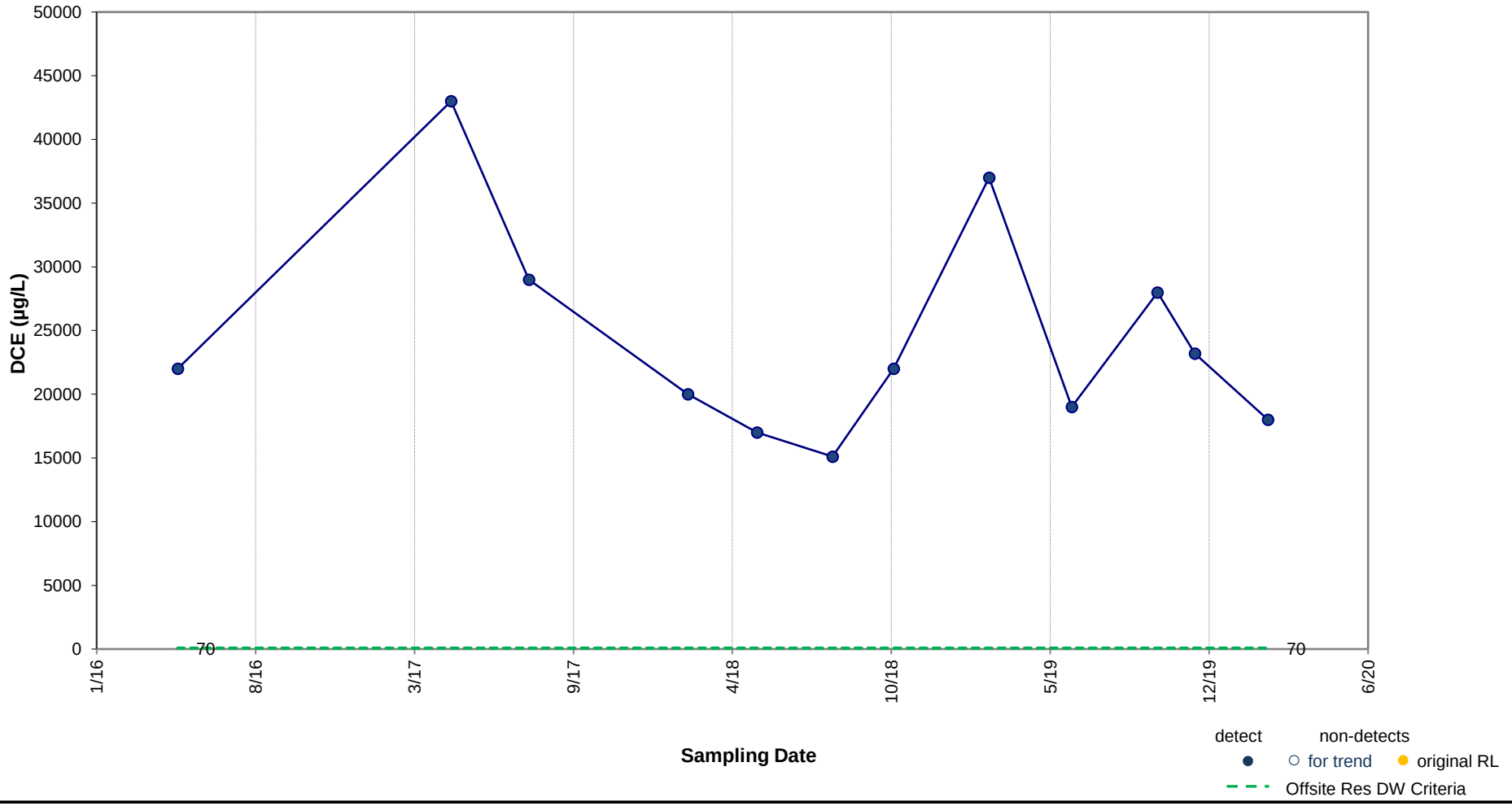
Concentration vs. Time Plot – VC in MW-46

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 17



Results of Mann-Kendall Test for Trend: **No Significant Trend**

p value = 0.246 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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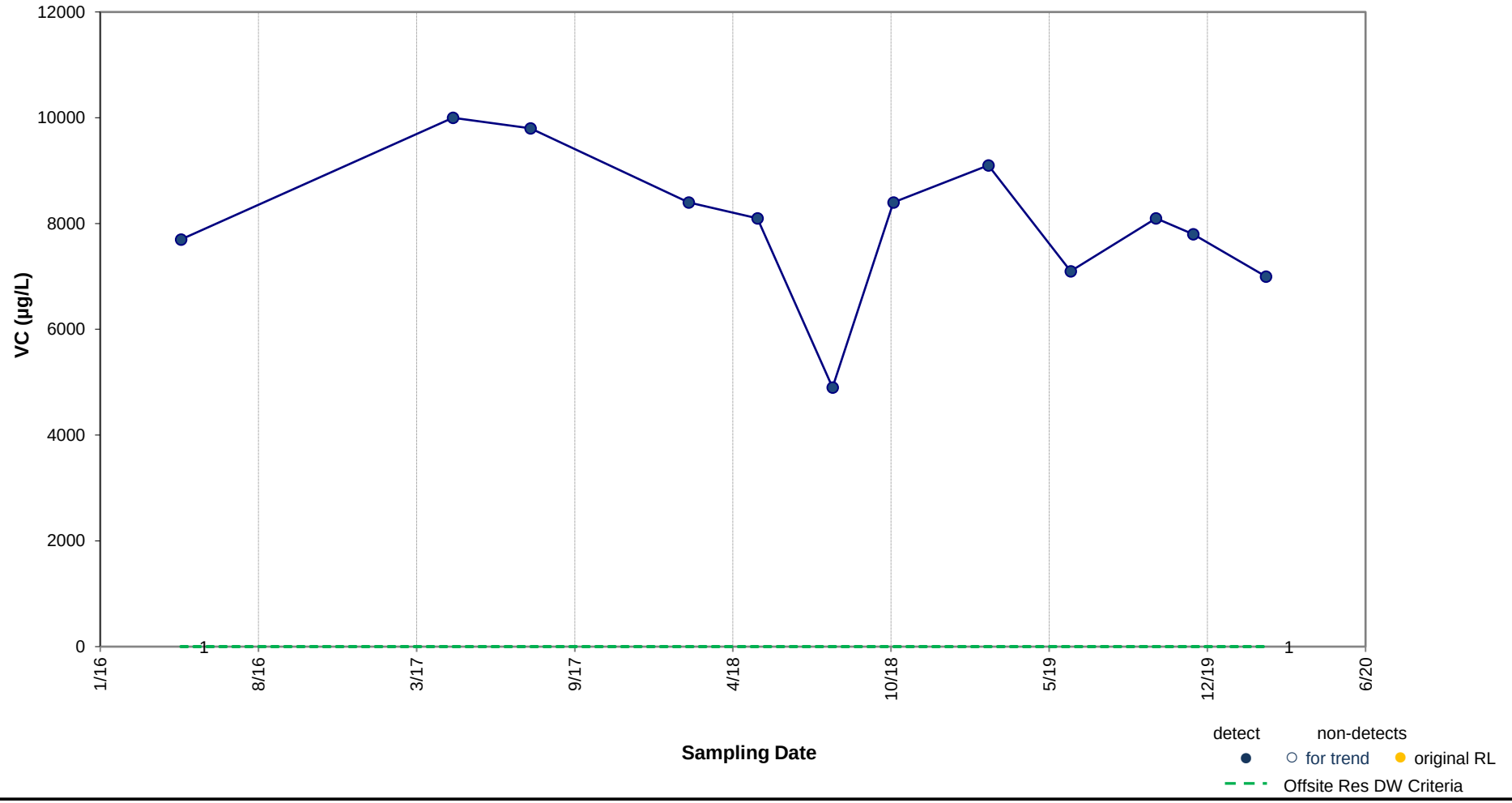
Concentration vs. Time Plot – DCE in MW-49

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 18



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

p value = 0.057 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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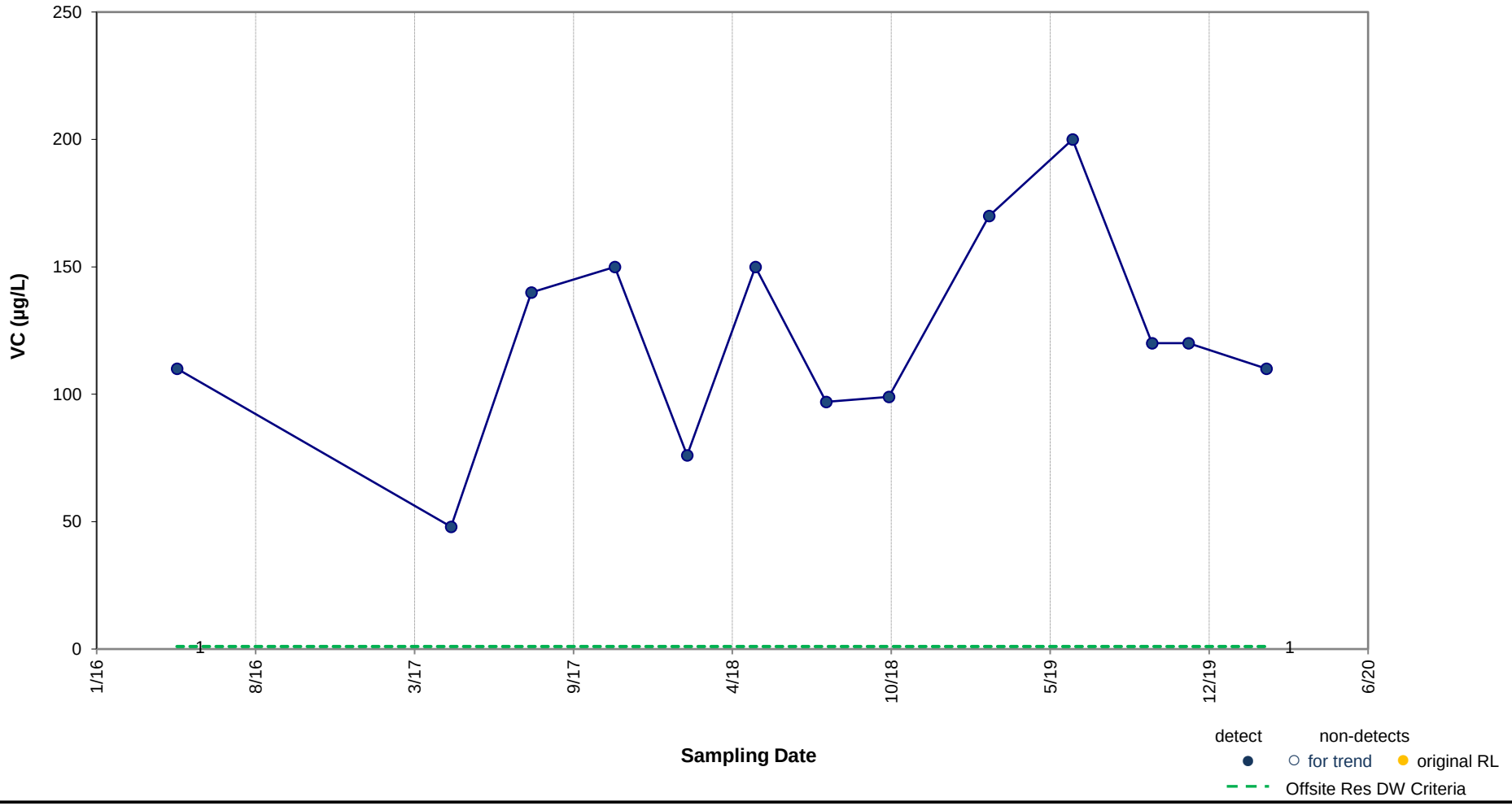
Concentration vs. Time Plot – VC in MW-49

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 19



Results of Mann-Kendall Test for Trend: **No Significant Trend**

p value = 0.163 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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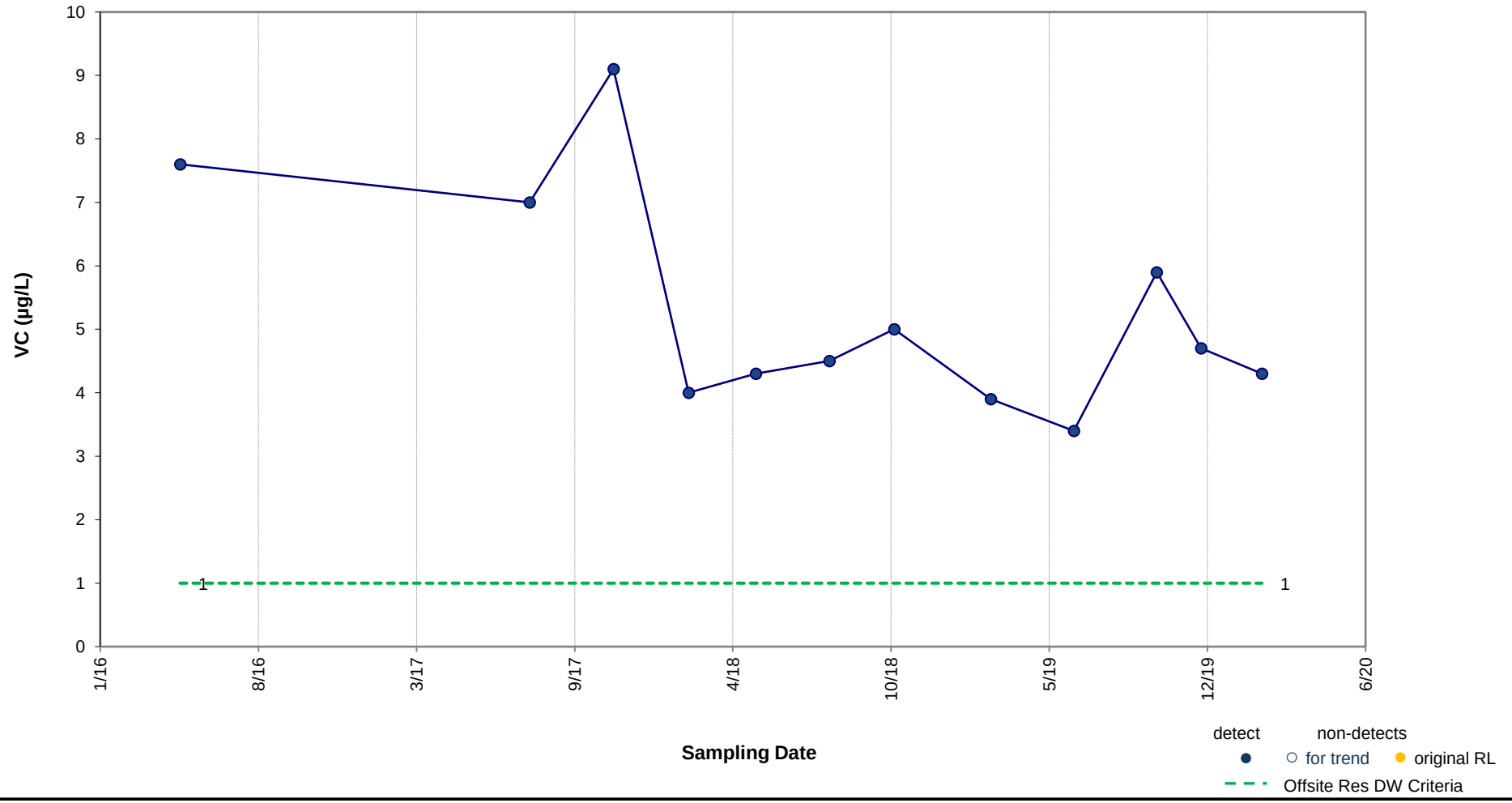
Concentration vs. Time Plot – VC in MW-50

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 20



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

p value = 0.085 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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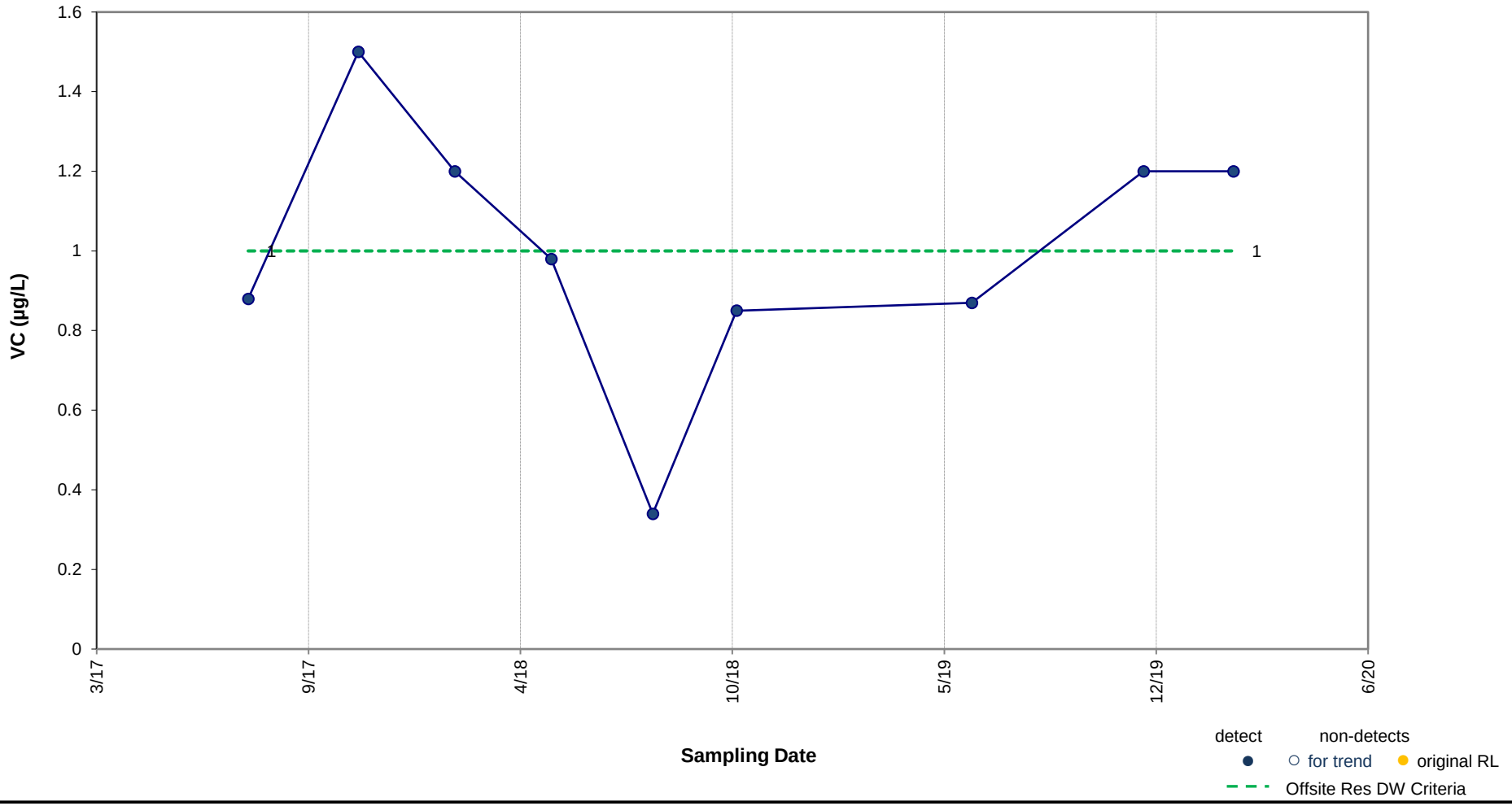
Concentration vs. Time Plot – VC in MW-52

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 21



Results of Mann-Kendall Test for Trend: **No Significant Trend**

p value = 0.500 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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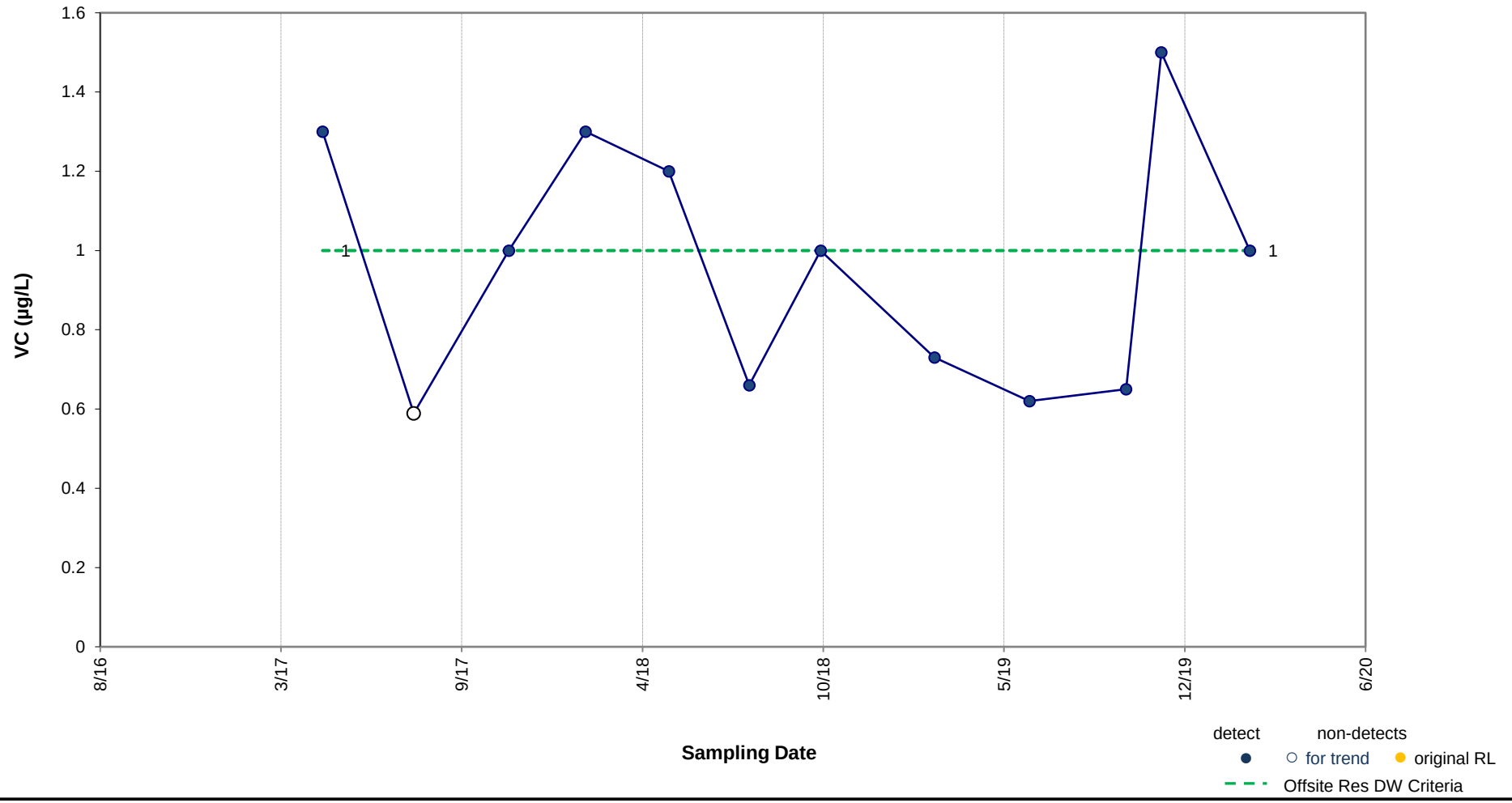
Concentration vs. Time Plot – VC in MW-54

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 22



Results of Mann-Kendall Test for Trend: **No Significant Trend**

p value = 0.364 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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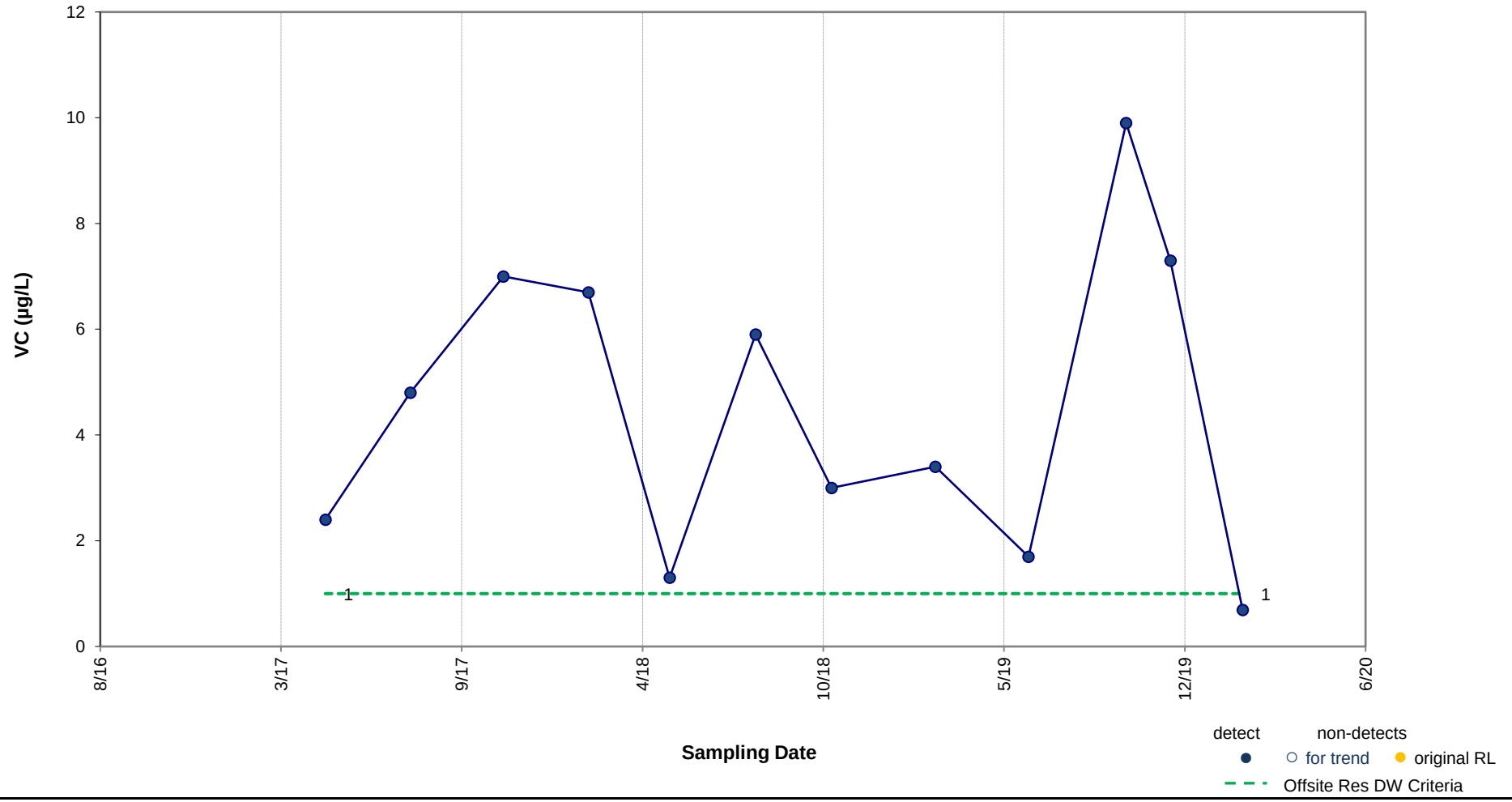
Concentration vs. Time Plot – VC in MW-62

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 23



Results of Mann-Kendall Test for Trend: **No Significant Trend**

p value = 0.473 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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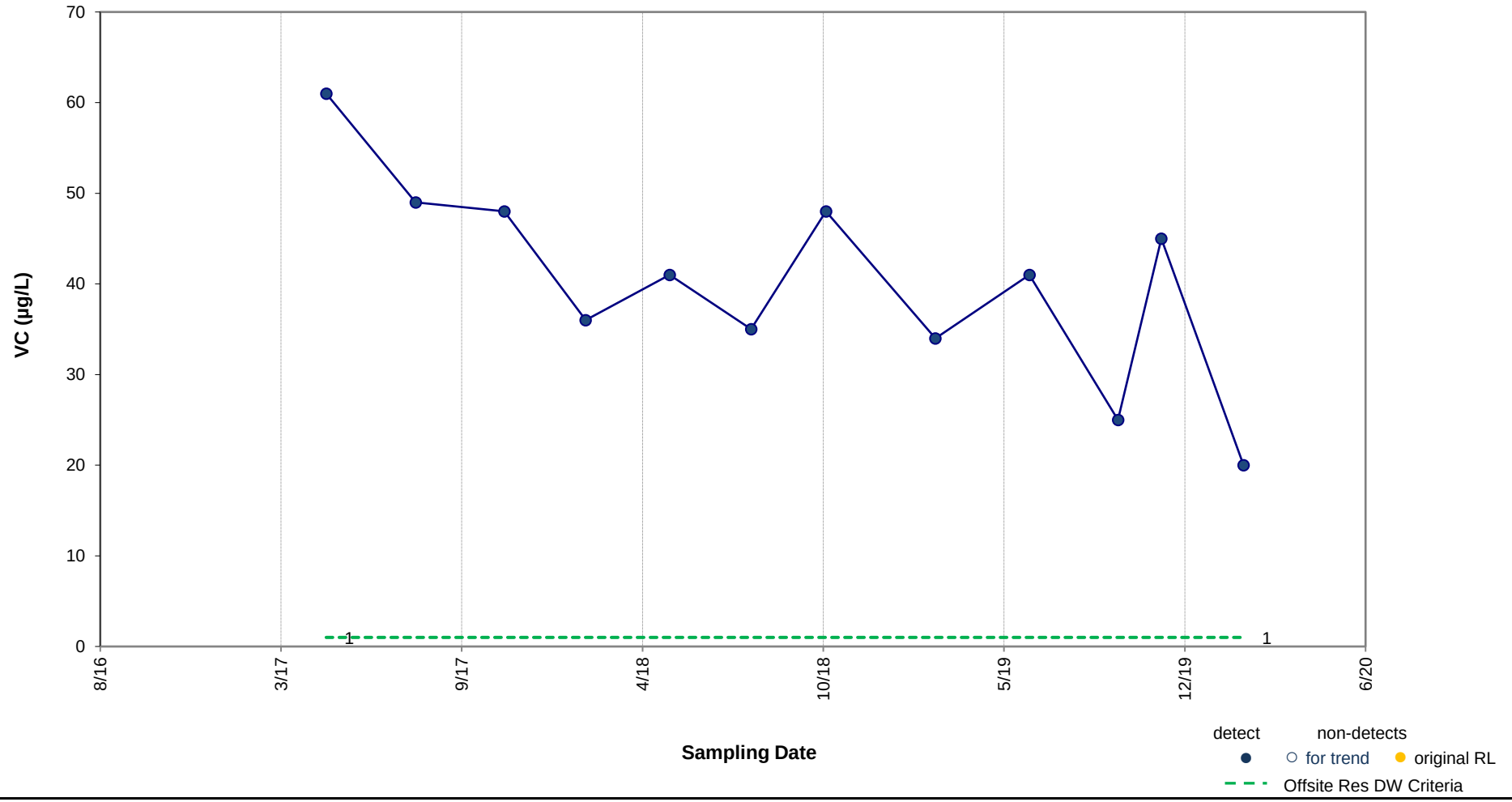
Concentration vs. Time Plot – VC in MW-64

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 24



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

p value = 0.005 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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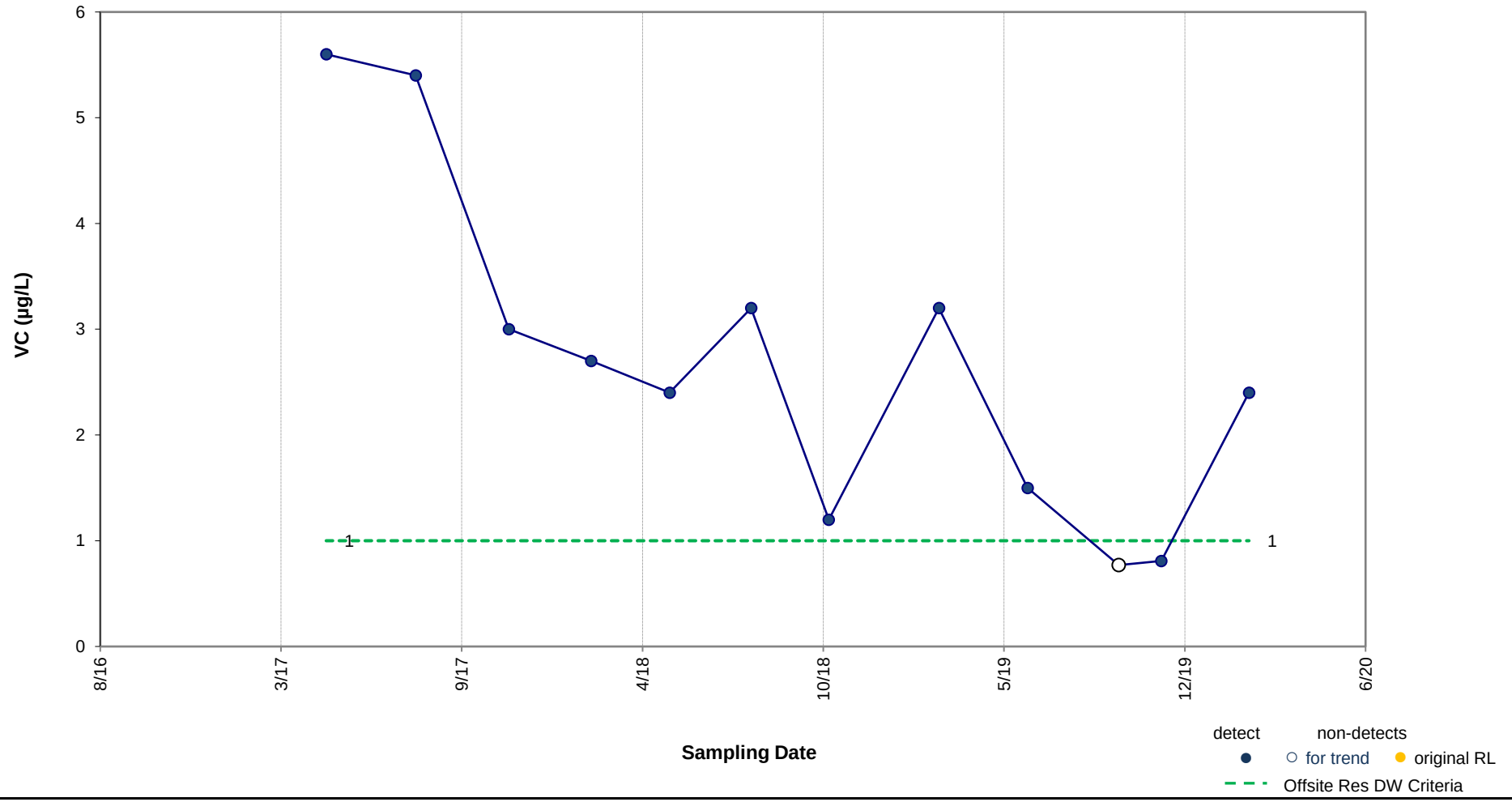
Concentration vs. Time Plot – VC in MW-65

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 25



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

p value = 0.005 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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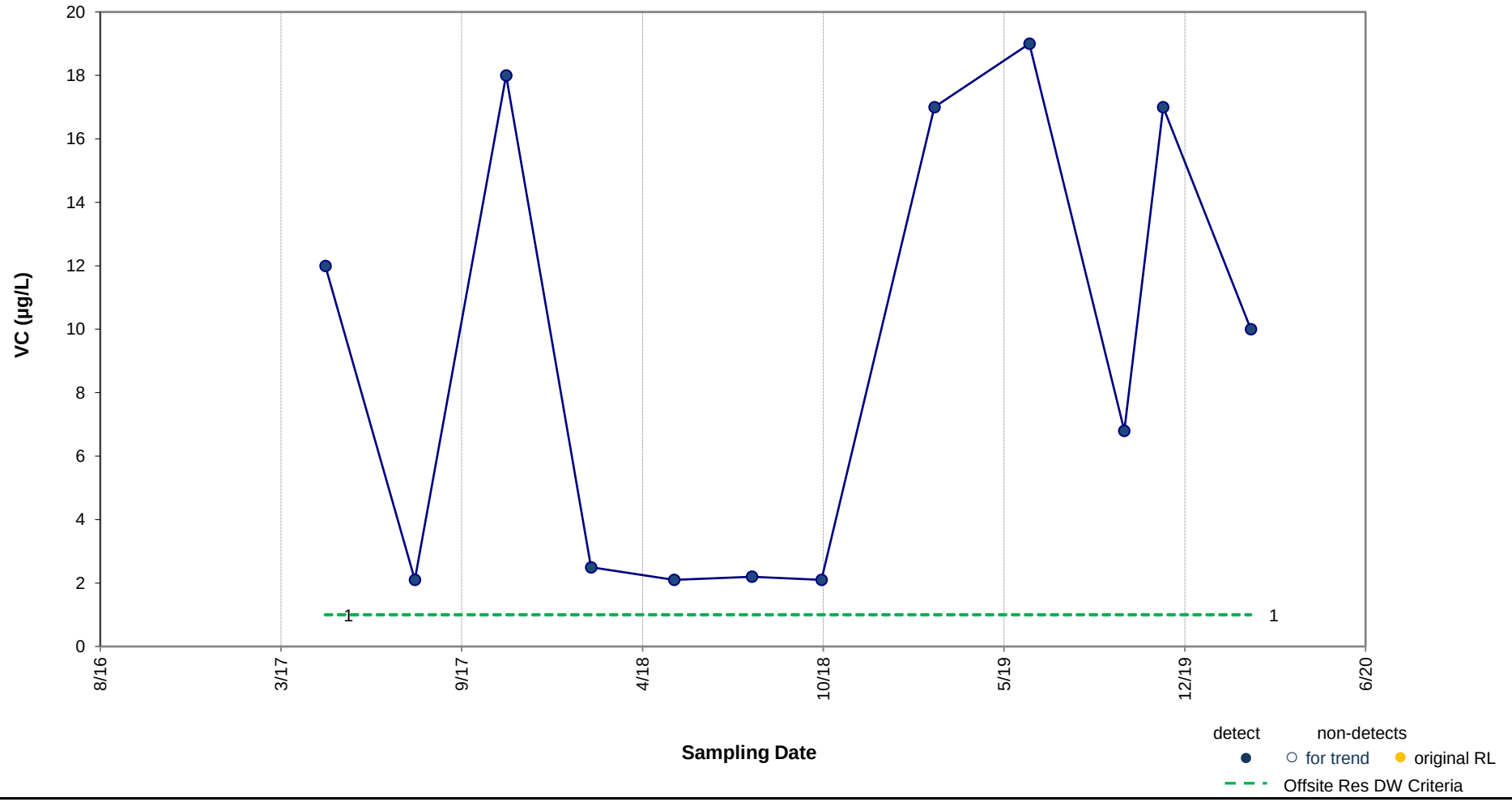
Concentration vs. Time Plot – VC in MW-66

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 26



Results of Mann-Kendall Test for Trend: **No Significant Trend**

p value = 0.223 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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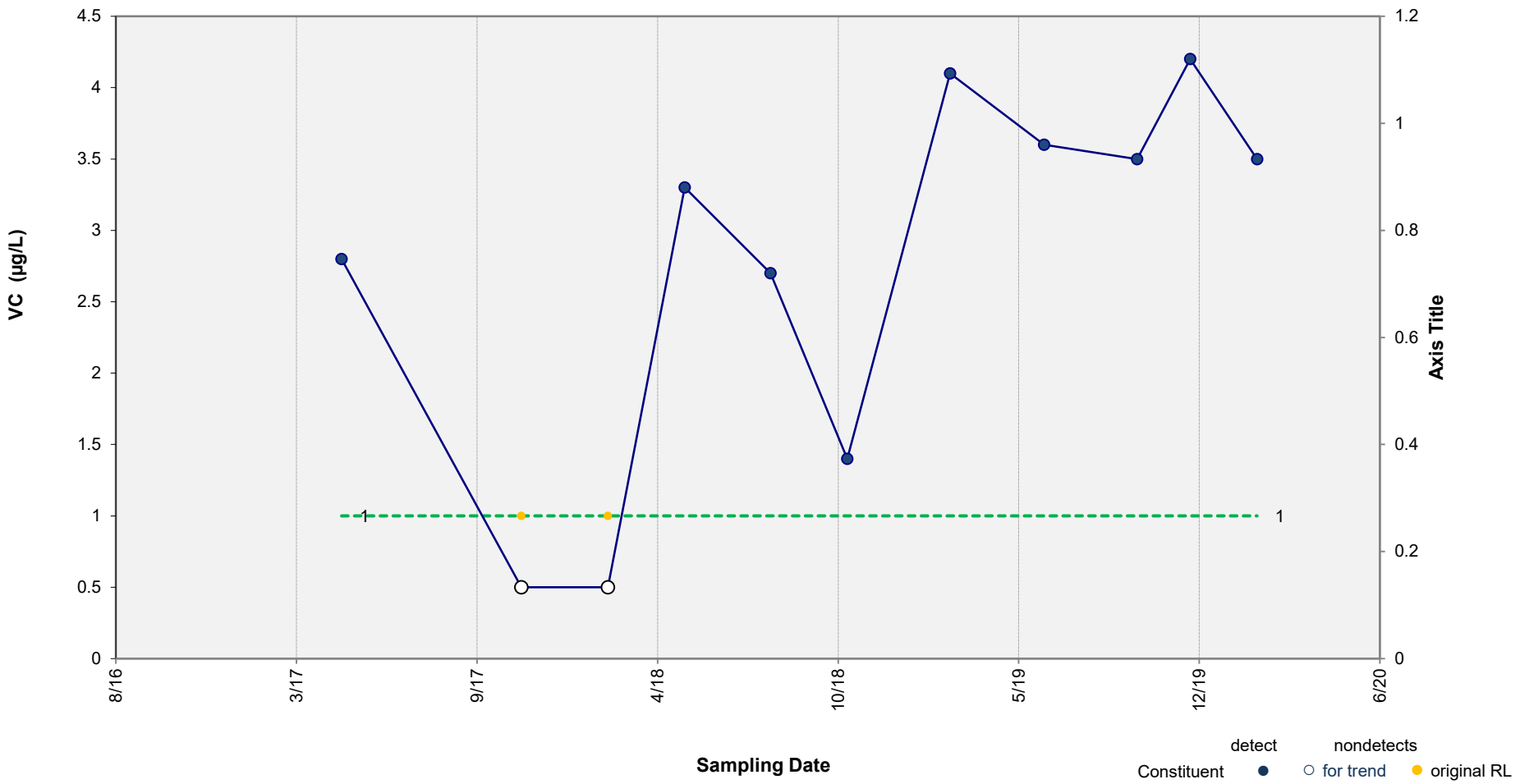
Concentration vs. Time Plot – VC in MW-68

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 27



Results of Mann-Kendall Test for Trend: **INCREASING TREND**

p value = 0.021 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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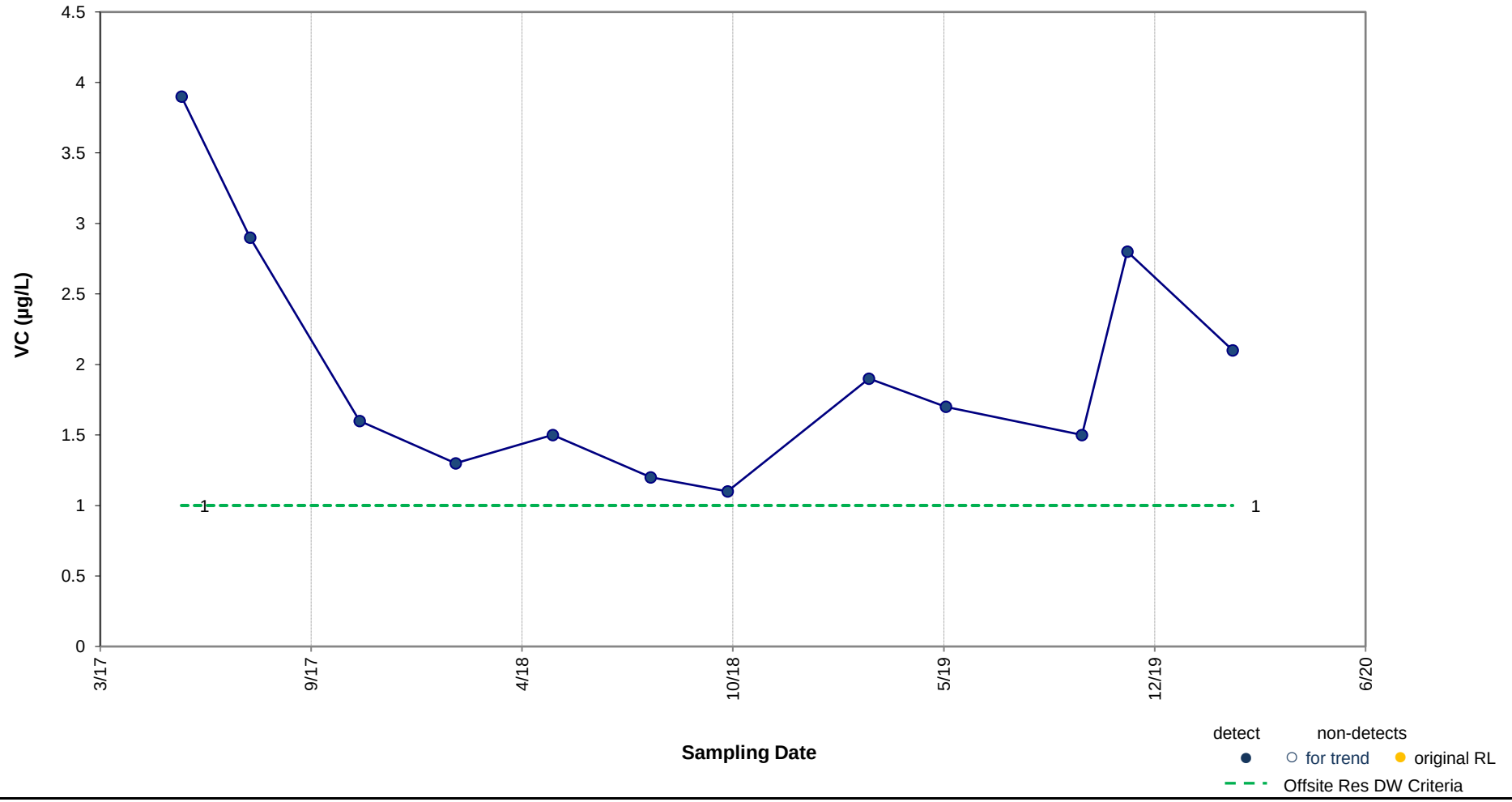
Concentration vs. Time Plot - VC in MW-69

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 28



Results of Mann-Kendall Test for Trend: **No Significant Trend**

p value = 0.392 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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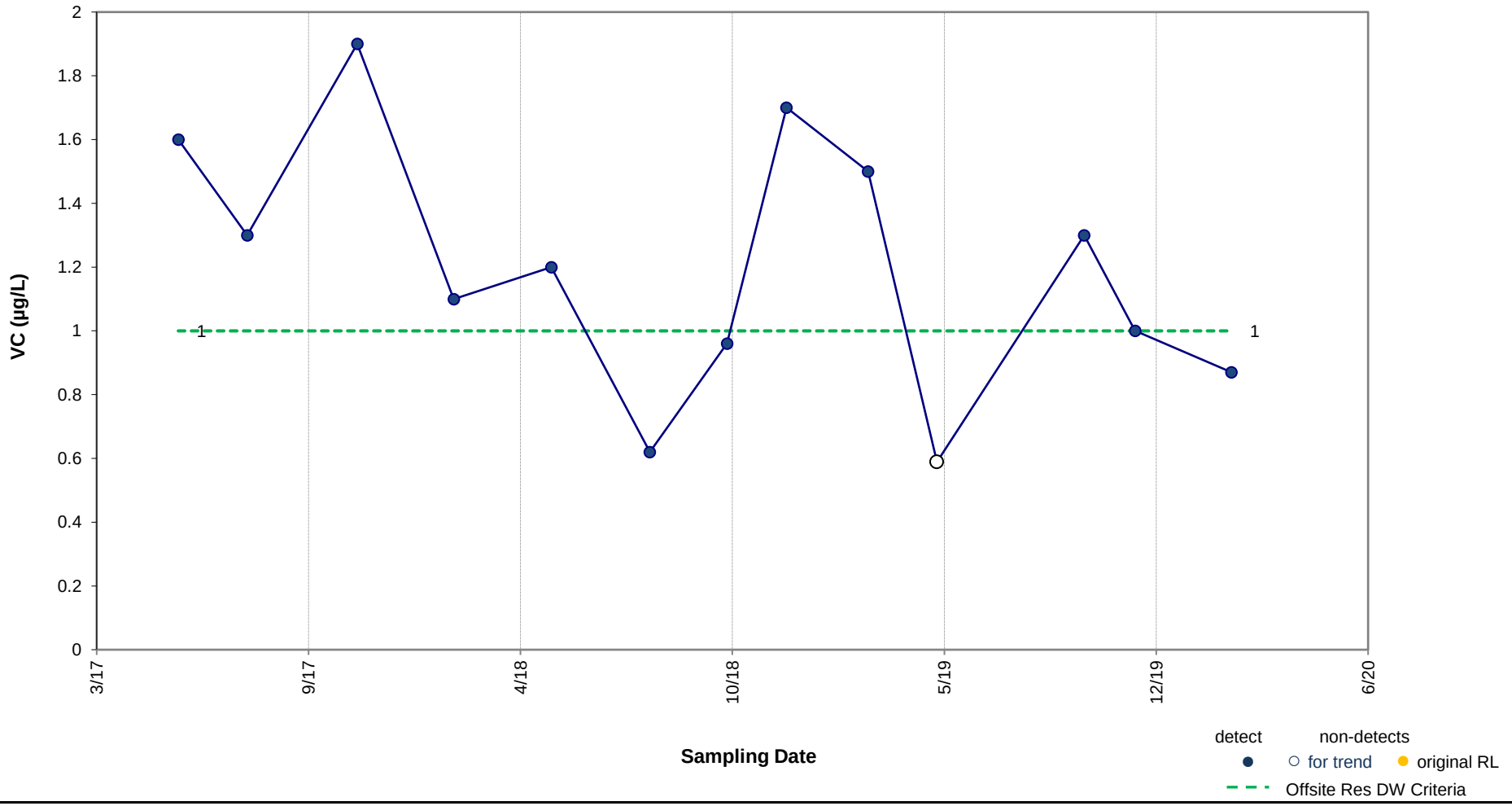
Concentration vs. Time Plot – VC in MW-72

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 29



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

p value = 0.056 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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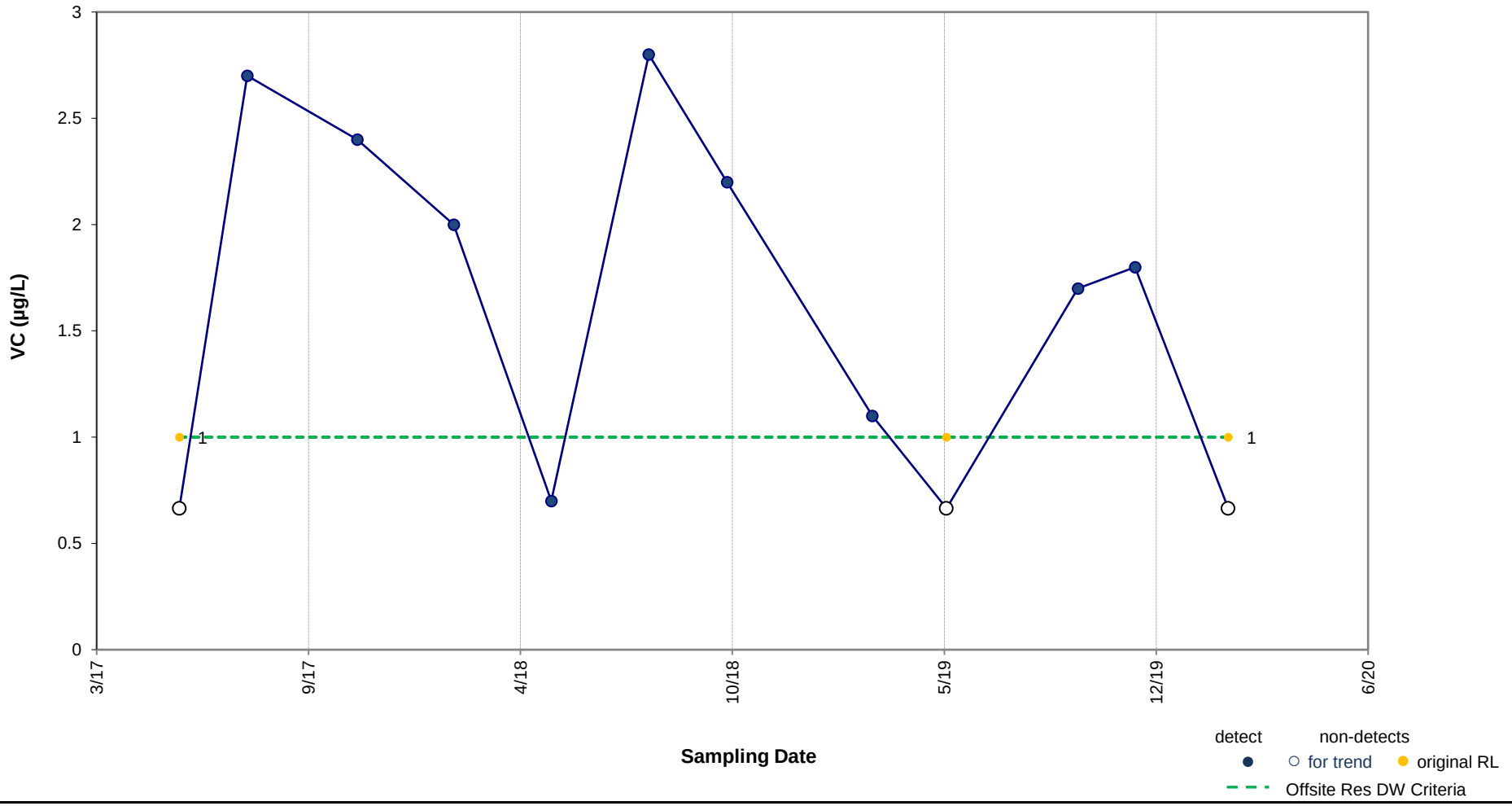
Concentration vs. Time Plot – VC in MW-73S

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 30



Results of Mann-Kendall Test for Trend: **No Significant Trend**

p value = 0.134 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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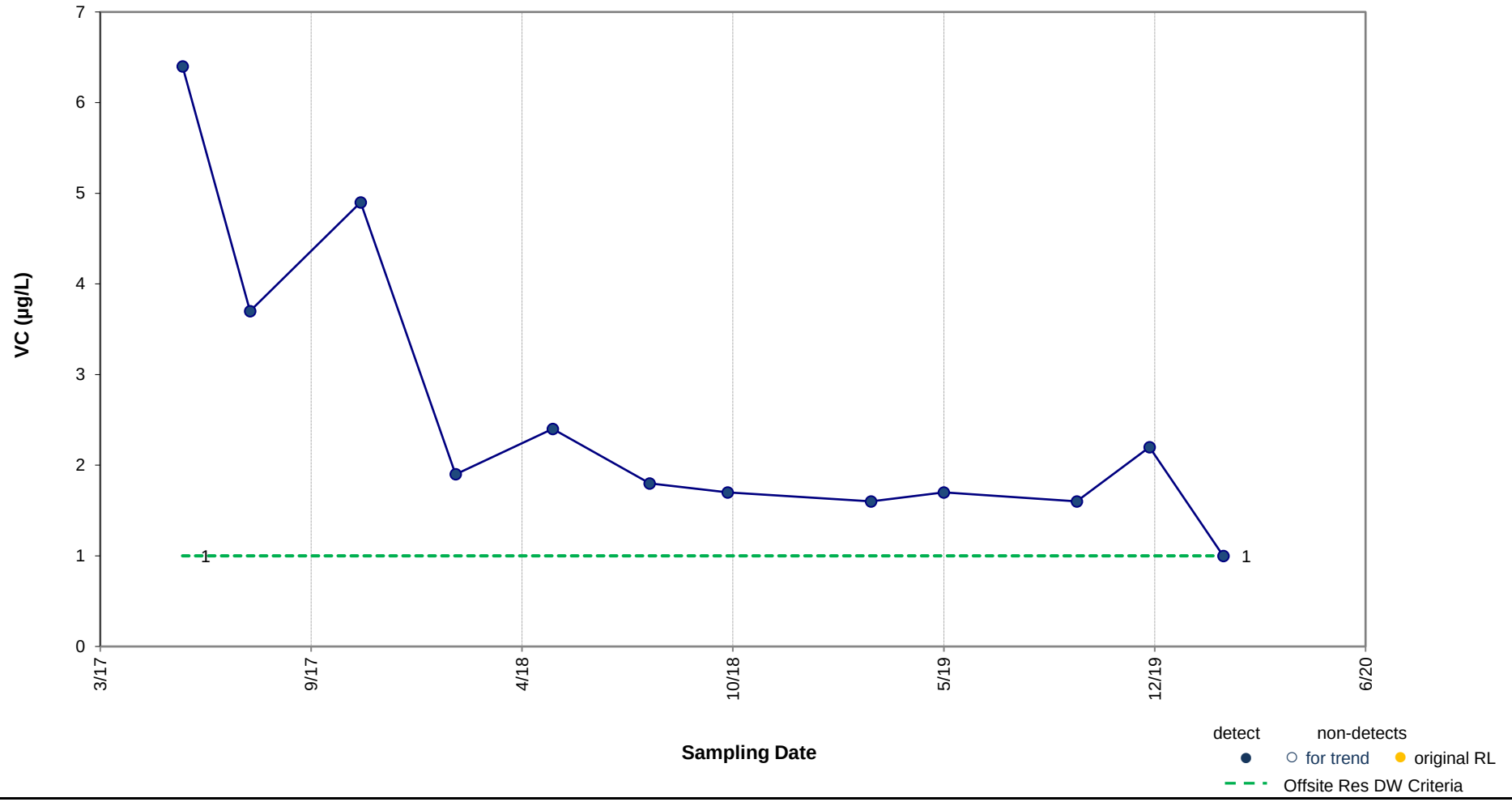
Concentration vs. Time Plot – VC in MW-74

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 31



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

p value = <0.001 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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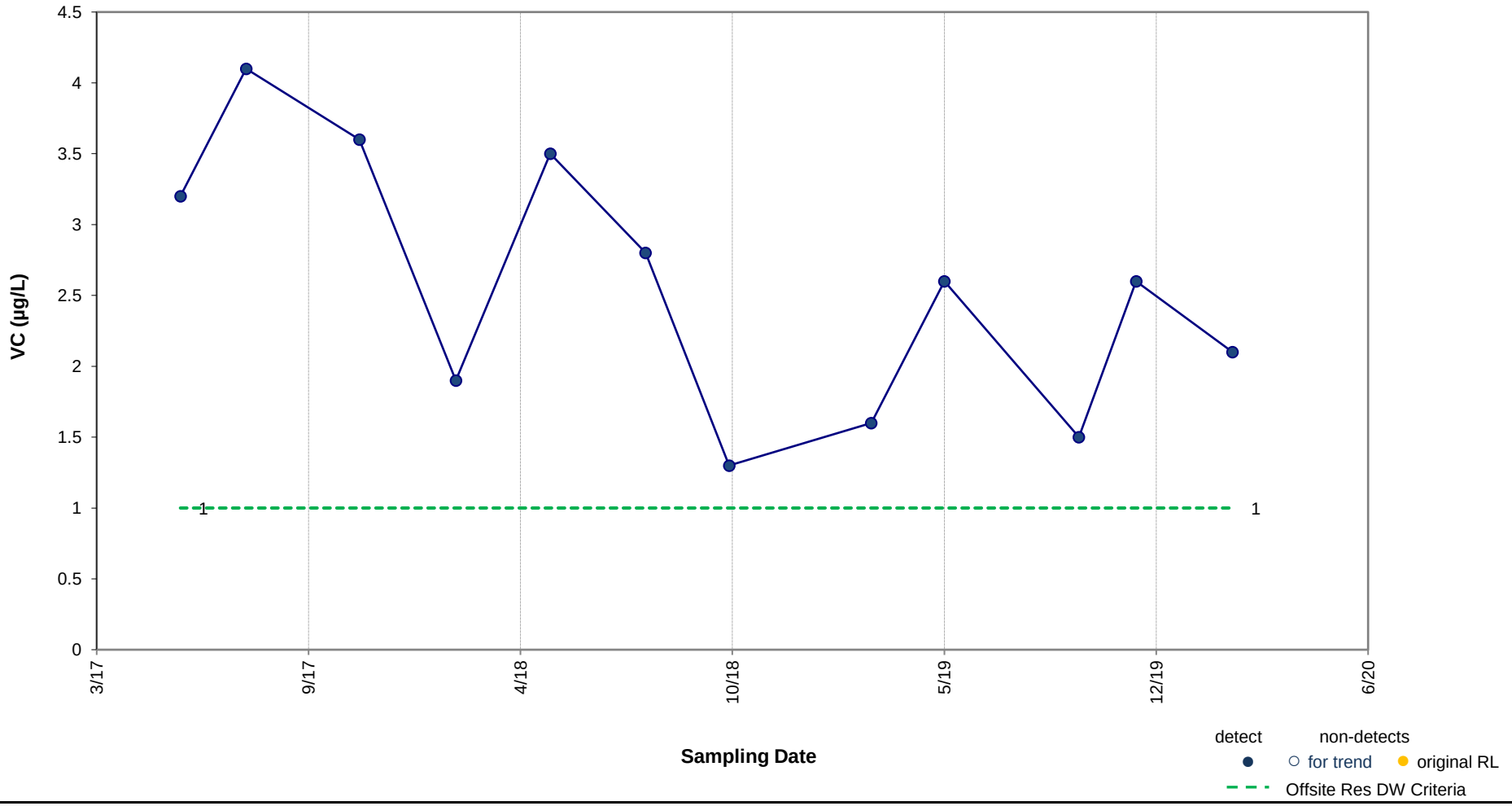
Concentration vs. Time Plot – VC in MW-75D

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 32



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

p value = 0.027 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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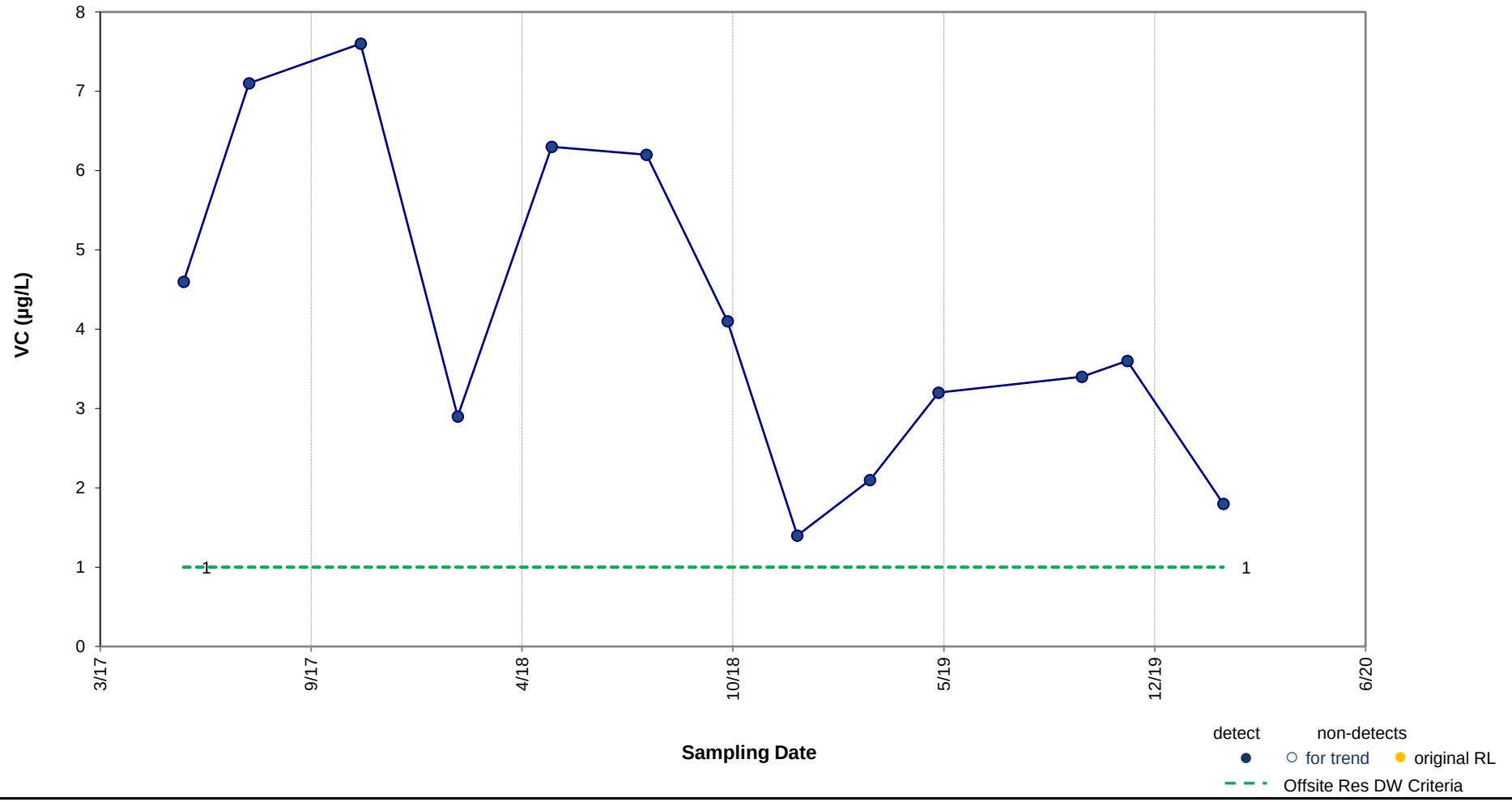
Concentration vs. Time Plot – VC in MW-79D

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 33



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

p value = 0.022 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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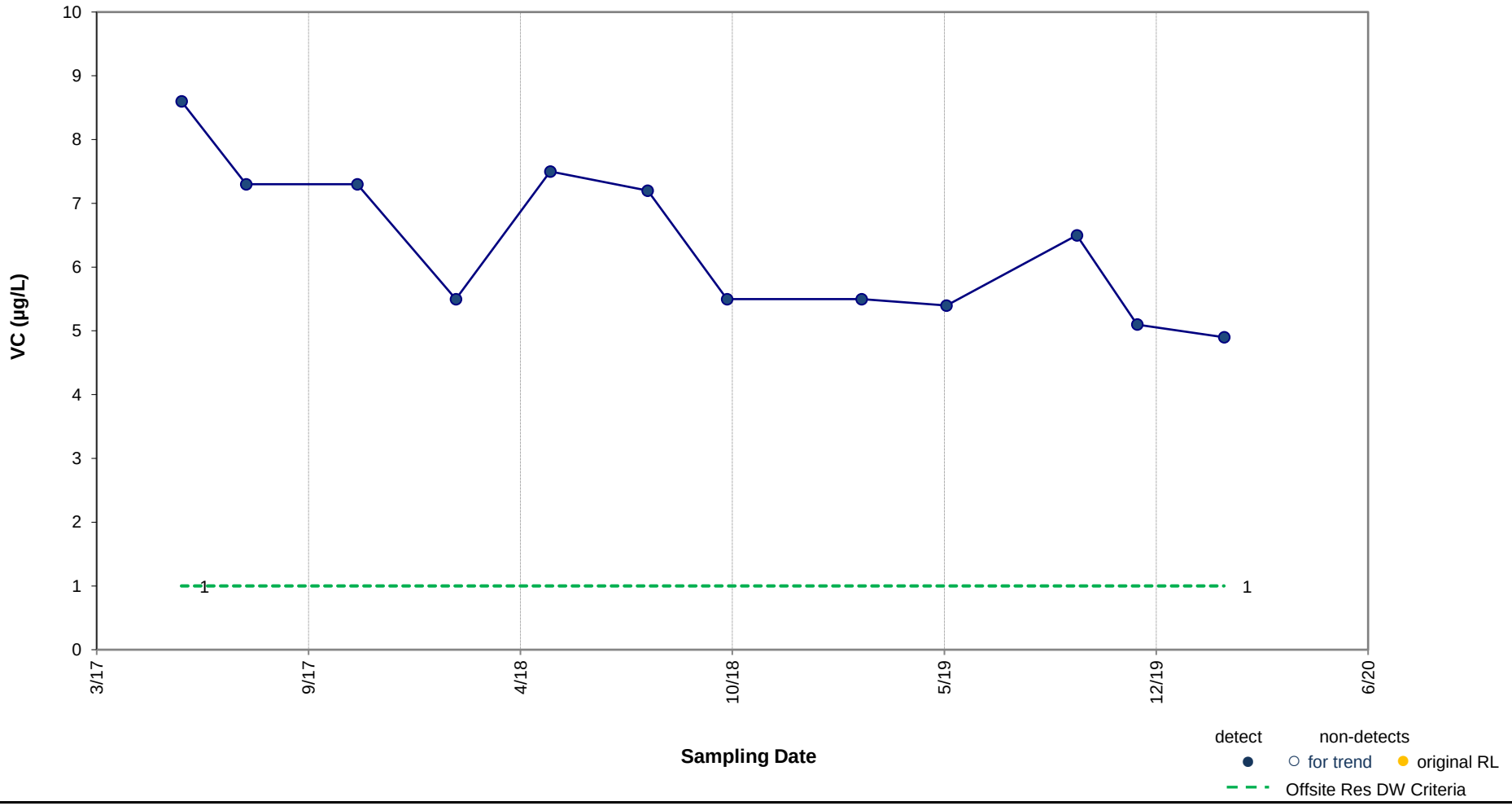
Concentration vs. Time Plot – VC in MW-80S

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 34



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

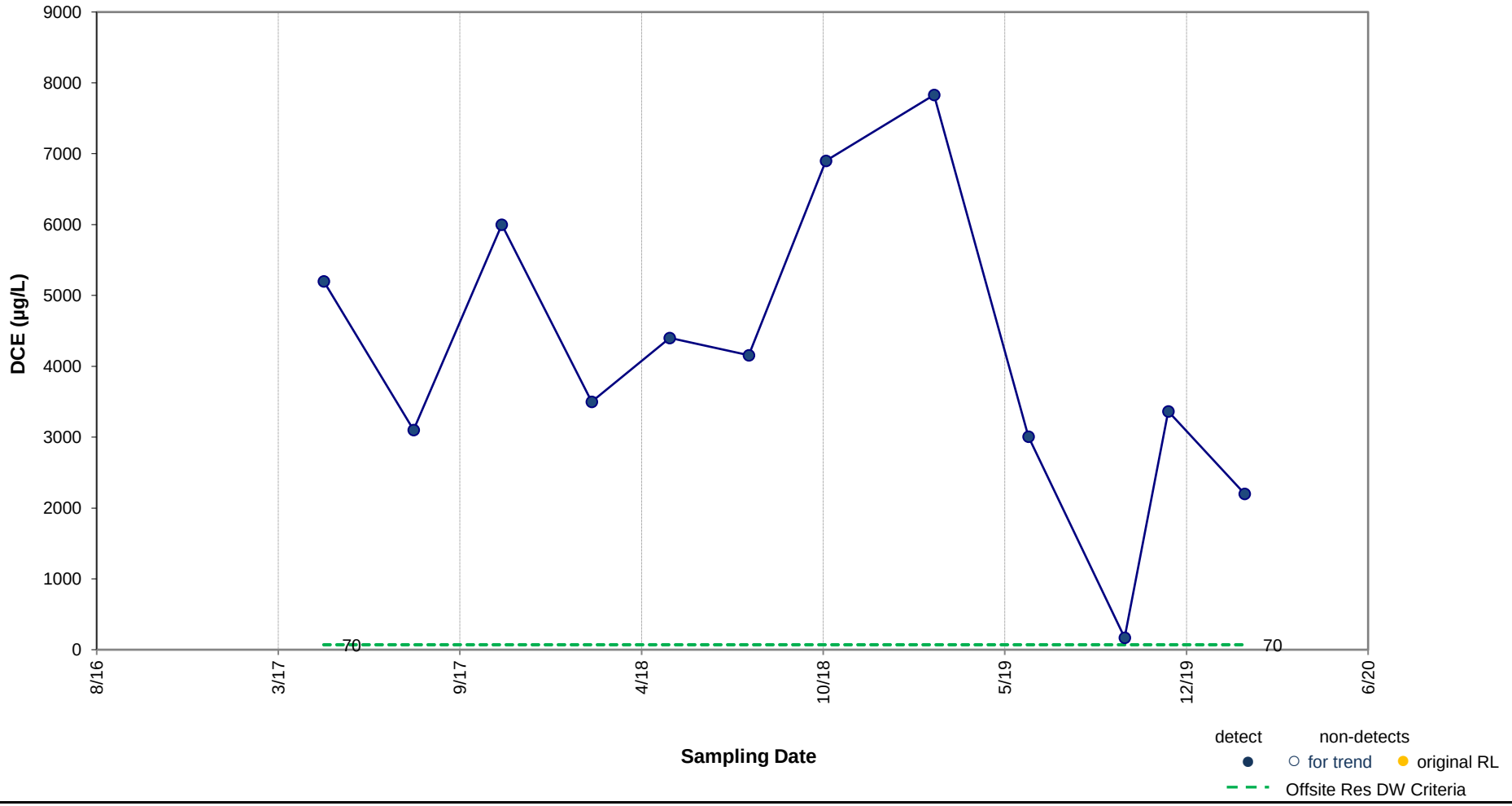
p value = <0.001 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS Design & Consultancy for natural and built assets

Concentration vs. Time Plot – VC in MW-85

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 35



Results of Mann-Kendall Test for Trend: **No Significant Trend**

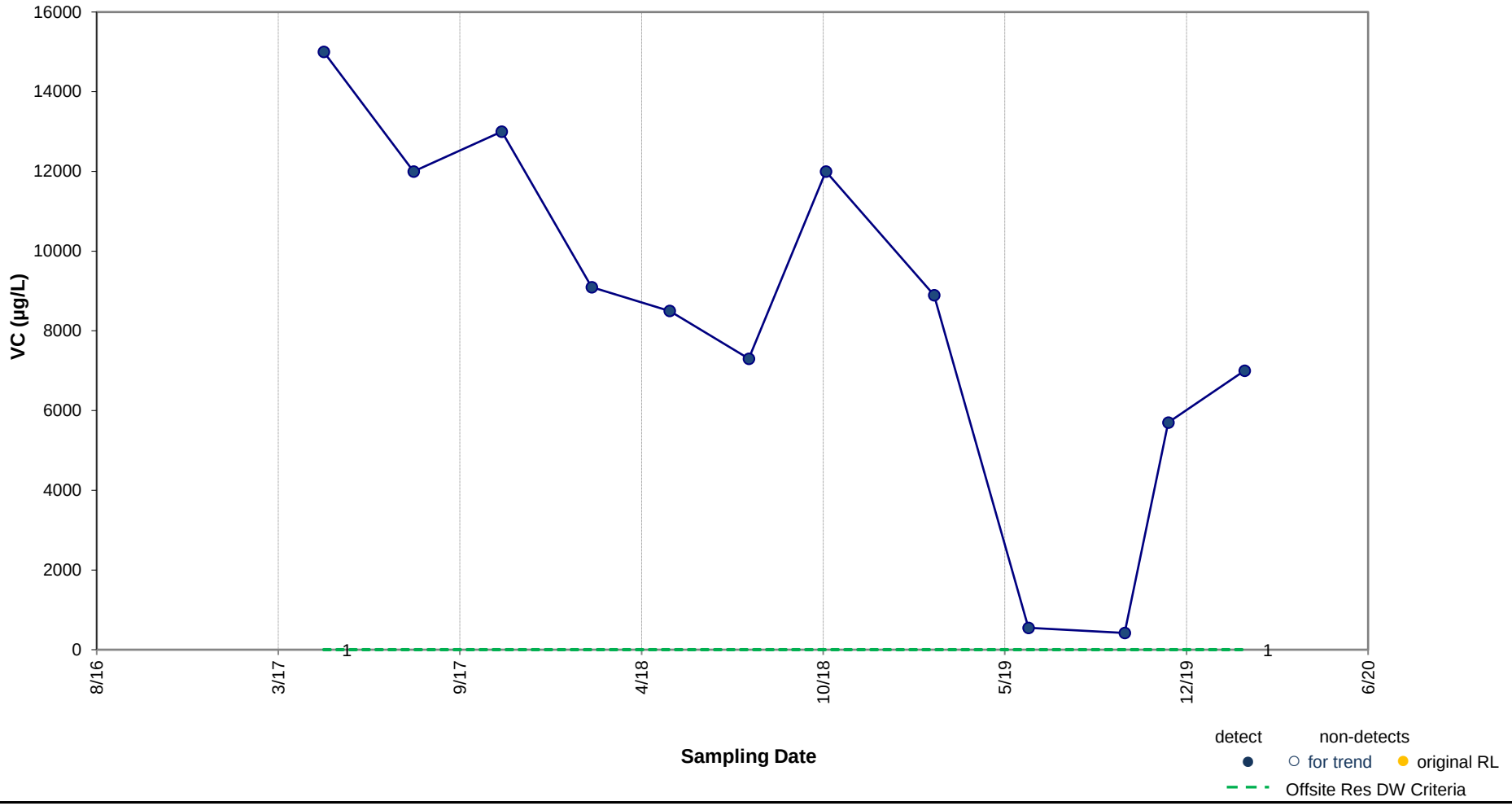
p value = 0.122 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS Design & Consultancy for natural and built assets

Concentration vs. Time Plot – DCE in TW-16-02

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 36



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

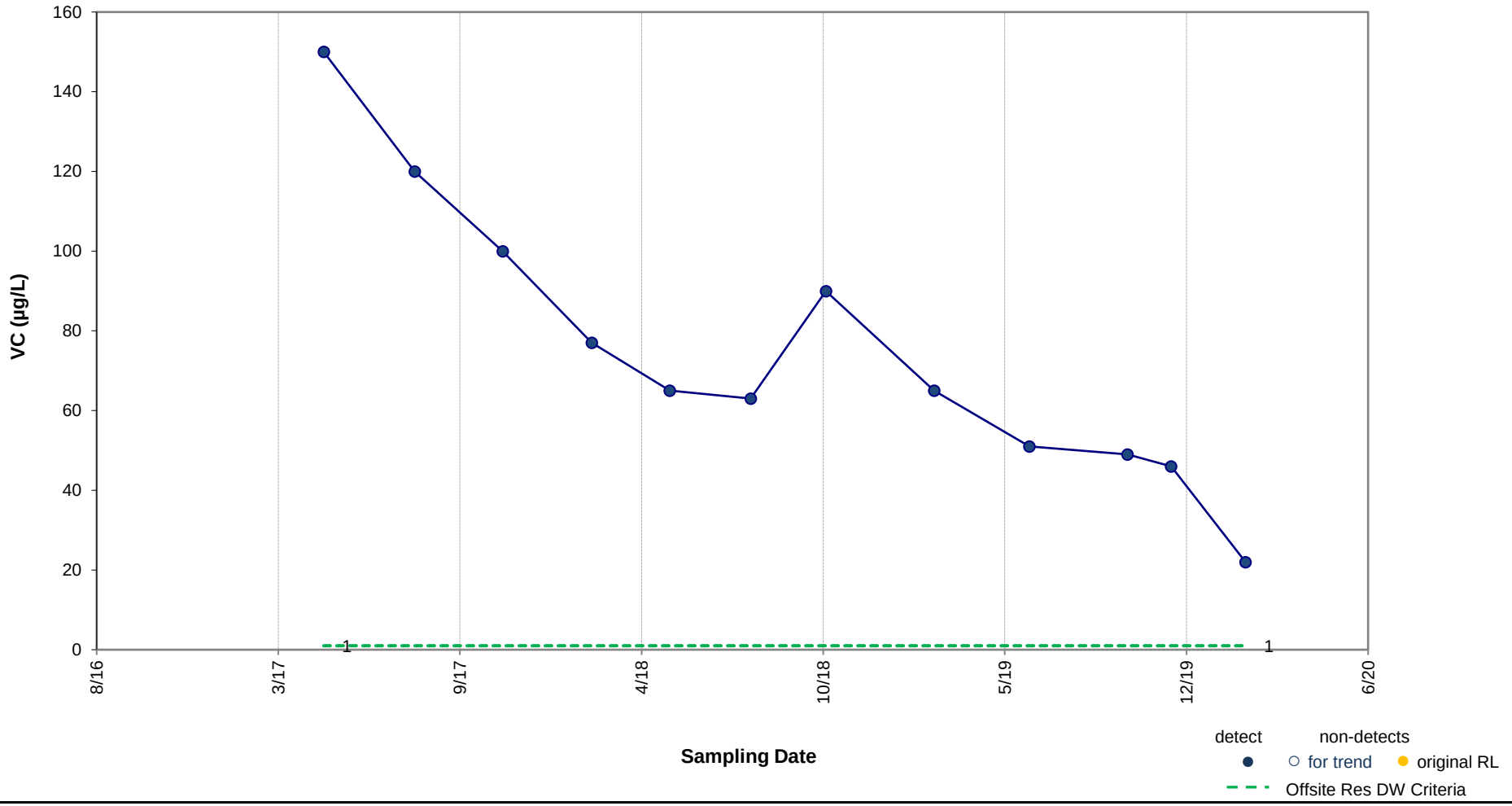
p value = 0.002 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS Design & Consultancy for natural and built assets

Concentration vs. Time Plot – VC in TW-16-02

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 37



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

p value = <0.001 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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Concentration vs. Time Plot – VC in TW-16-04

Ford Motor Company, Livonia Transmission Plant, Livonia, Michigan

Figure 38

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