

ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

Ford LTP

JOB NUMBER

240-249953-1

Eurofins Cleveland

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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Definitions/Glossary

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-249953-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Arcadis US Inc.
Project: Ford LTP

Job ID: 240-249953-1

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Job Narrative 240-249953-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 5/7/2026 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.2°C.

GC/MS VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Method Summary

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-249953-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8260D SIM	Volatile Organic Compounds (GC/MS)	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-249953-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
240-249953-1	TRIP BLANK_92	Water	05/05/26 00:00	05/07/26 08:00	Michigan
240-249953-2	MW-71_050526	Water	05/05/26 09:30	05/07/26 08:00	Michigan
240-249953-3	MW-49_050526	Water	05/05/26 10:55	05/07/26 08:00	Michigan
240-249953-4	MW-21_050526	Water	05/05/26 12:05	05/07/26 08:00	Michigan
240-249953-5	MW-23_050526	Water	05/05/26 13:30	05/07/26 08:00	Michigan
240-249953-6	PW-16-01_050526	Water	05/05/26 15:00	05/07/26 08:00	Michigan

Detection Summary

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-249953-1

Client Sample ID: TRIP BLANK_92

Lab Sample ID: 240-249953-1

No Detections.

Client Sample ID: MW-71_050526

Lab Sample ID: 240-249953-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.61	J	1.0	0.46	ug/L	1		8260D	Total/NA

Client Sample ID: MW-49_050526

Lab Sample ID: 240-249953-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	7.7		2.0	0.86	ug/L	1		8260D SIM	Total/NA
1,1-Dichloroethene	39		1.0	0.49	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	22000		50	23	ug/L	50		8260D	Total/NA
trans-1,2-Dichloroethene	98		1.0	0.51	ug/L	1		8260D	Total/NA
Trichloroethene	1.1		1.0	0.44	ug/L	1		8260D	Total/NA
Vinyl chloride	8500		50	23	ug/L	50		8260D	Total/NA

Client Sample ID: MW-21_050526

Lab Sample ID: 240-249953-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.5	J	2.0	0.86	ug/L	1		8260D SIM	Total/NA
cis-1,2-Dichloroethene	27		1.0	0.46	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.77	J	1.0	0.51	ug/L	1		8260D	Total/NA
Vinyl chloride	43		1.0	0.45	ug/L	1		8260D	Total/NA

Client Sample ID: MW-23_050526

Lab Sample ID: 240-249953-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	14		1.0	0.49	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	12000		40	18	ug/L	40		8260D	Total/NA
trans-1,2-Dichloroethene	500		1.0	0.51	ug/L	1		8260D	Total/NA
Trichloroethene	1200		40	18	ug/L	40		8260D	Total/NA
Vinyl chloride	840		40	18	ug/L	40		8260D	Total/NA

Client Sample ID: PW-16-01_050526

Lab Sample ID: 240-249953-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	38		3.3	1.5	ug/L	3.33		8260D	Total/NA
trans-1,2-Dichloroethene	2.7	J	3.3	1.7	ug/L	3.33		8260D	Total/NA
Vinyl chloride	680		3.3	1.5	ug/L	3.33		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-249953-1

Client Sample ID: TRIP BLANK_92

Lab Sample ID: 240-249953-1

Date Collected: 05/05/26 00:00

Matrix: Water

Date Received: 05/07/26 08:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/11/26 14:48	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/11/26 14:48	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/11/26 14:48	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/11/26 14:48	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/11/26 14:48	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/11/26 14:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		62 - 137		05/11/26 14:48	1
4-Bromofluorobenzene (Surr)	77		56 - 136		05/11/26 14:48	1
Toluene-d8 (Surr)	88		78 - 122		05/11/26 14:48	1
Dibromofluoromethane (Surr)	98		73 - 120		05/11/26 14:48	1

Client Sample Results

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-249953-1

Client Sample ID: MW-71_050526

Lab Sample ID: 240-249953-2

Date Collected: 05/05/26 09:30

Matrix: Water

Date Received: 05/07/26 08:00

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			05/13/26 15:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		64 - 136					05/13/26 15:46	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/11/26 18:47	1
cis-1,2-Dichloroethene	0.61	J	1.0	0.46	ug/L			05/11/26 18:47	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/11/26 18:47	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/11/26 18:47	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/11/26 18:47	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/11/26 18:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		62 - 137					05/11/26 18:47	1
4-Bromofluorobenzene (Surr)	81		56 - 136					05/11/26 18:47	1
Toluene-d8 (Surr)	90		78 - 122					05/11/26 18:47	1
Dibromofluoromethane (Surr)	102		73 - 120					05/11/26 18:47	1

Client Sample Results

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-249953-1

Client Sample ID: MW-49_050526

Lab Sample ID: 240-249953-3

Date Collected: 05/05/26 10:55

Matrix: Water

Date Received: 05/07/26 08:00

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	7.7		2.0	0.86	ug/L			05/13/26 16:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		64 - 136					05/13/26 16:09	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	39		1.0	0.49	ug/L			05/11/26 19:59	1
cis-1,2-Dichloroethene	22000		50	23	ug/L			05/12/26 13:43	50
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/11/26 19:59	1
trans-1,2-Dichloroethene	98		1.0	0.51	ug/L			05/11/26 19:59	1
Trichloroethene	1.1		1.0	0.44	ug/L			05/11/26 19:59	1
Vinyl chloride	8500		50	23	ug/L			05/12/26 13:43	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		62 - 137					05/11/26 19:59	1
1,2-Dichloroethane-d4 (Surr)	96		62 - 137					05/12/26 13:43	50
4-Bromofluorobenzene (Surr)	87		56 - 136					05/11/26 19:59	1
4-Bromofluorobenzene (Surr)	85		56 - 136					05/12/26 13:43	50
Toluene-d8 (Surr)	94		78 - 122					05/11/26 19:59	1
Toluene-d8 (Surr)	100		78 - 122					05/12/26 13:43	50
Dibromofluoromethane (Surr)	105		73 - 120					05/11/26 19:59	1
Dibromofluoromethane (Surr)	100		73 - 120					05/12/26 13:43	50

Client Sample Results

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-249953-1

Client Sample ID: MW-21_050526

Lab Sample ID: 240-249953-4

Date Collected: 05/05/26 12:05

Matrix: Water

Date Received: 05/07/26 08:00

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.5	J	2.0	0.86	ug/L			05/13/26 16:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		64 - 136					05/13/26 16:33	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/11/26 20:23	1
cis-1,2-Dichloroethene	27		1.0	0.46	ug/L			05/12/26 12:55	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/11/26 20:23	1
trans-1,2-Dichloroethene	0.77	J	1.0	0.51	ug/L			05/11/26 20:23	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/11/26 20:23	1
Vinyl chloride	43		1.0	0.45	ug/L			05/12/26 12:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		62 - 137					05/11/26 20:23	1
1,2-Dichloroethane-d4 (Surr)	92		62 - 137					05/12/26 12:55	1
4-Bromofluorobenzene (Surr)	78		56 - 136					05/11/26 20:23	1
4-Bromofluorobenzene (Surr)	98		56 - 136					05/12/26 12:55	1
Toluene-d8 (Surr)	90		78 - 122					05/11/26 20:23	1
Toluene-d8 (Surr)	97		78 - 122					05/12/26 12:55	1
Dibromofluoromethane (Surr)	97		73 - 120					05/11/26 20:23	1
Dibromofluoromethane (Surr)	102		73 - 120					05/12/26 12:55	1

Client Sample Results

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-249953-1

Client Sample ID: MW-23_050526

Lab Sample ID: 240-249953-5

Date Collected: 05/05/26 13:30

Matrix: Water

Date Received: 05/07/26 08:00

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			05/13/26 16:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		64 - 136					05/13/26 16:56	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	14		1.0	0.49	ug/L			05/11/26 20:47	1
cis-1,2-Dichloroethene	12000		40	18	ug/L			05/12/26 14:08	40
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/11/26 20:47	1
trans-1,2-Dichloroethene	500		1.0	0.51	ug/L			05/11/26 20:47	1
Trichloroethene	1200		40	18	ug/L			05/12/26 14:08	40
Vinyl chloride	840		40	18	ug/L			05/12/26 14:08	40
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		62 - 137					05/11/26 20:47	1
1,2-Dichloroethane-d4 (Surr)	98		62 - 137					05/12/26 14:08	40
4-Bromofluorobenzene (Surr)	86		56 - 136					05/11/26 20:47	1
4-Bromofluorobenzene (Surr)	84		56 - 136					05/12/26 14:08	40
Toluene-d8 (Surr)	94		78 - 122					05/11/26 20:47	1
Toluene-d8 (Surr)	97		78 - 122					05/12/26 14:08	40
Dibromofluoromethane (Surr)	101		73 - 120					05/11/26 20:47	1
Dibromofluoromethane (Surr)	103		73 - 120					05/12/26 14:08	40

Client Sample Results

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-249953-1

Client Sample ID: PW-16-01_050526

Lab Sample ID: 240-249953-6

Date Collected: 05/05/26 15:00

Matrix: Water

Date Received: 05/07/26 08:00

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			05/13/26 17:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		64 - 136					05/13/26 17:20	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	3.3	U	3.3	1.6	ug/L			05/12/26 13:19	3.33
cis-1,2-Dichloroethene	38		3.3	1.5	ug/L			05/12/26 13:19	3.33
Tetrachloroethene	3.3	U	3.3	1.5	ug/L			05/12/26 13:19	3.33
trans-1,2-Dichloroethene	2.7	J	3.3	1.7	ug/L			05/12/26 13:19	3.33
Trichloroethene	3.3	U	3.3	1.5	ug/L			05/12/26 13:19	3.33
Vinyl chloride	680		3.3	1.5	ug/L			05/12/26 13:19	3.33
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		62 - 137					05/12/26 13:19	3.33
4-Bromofluorobenzene (Surr)	81		56 - 136					05/12/26 13:19	3.33
Toluene-d8 (Surr)	88		78 - 122					05/12/26 13:19	3.33
Dibromofluoromethane (Surr)	99		73 - 120					05/12/26 13:19	3.33

Surrogate Summary

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-249953-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (62-137)	BFB (56-136)	TOL (78-122)	DBFM (73-120)
240-249953-1	TRIP BLANK_92	108	77	88	98
240-249953-2	MW-71_050526	114	81	90	102
240-249953-2 MS	MW-71-MS_050526	103	93	90	95
240-249953-2 MSD	MW-71-MSD_050526	107	106	100	98
240-249953-3	MW-49_050526	111	87	94	105
240-249953-3	MW-49_050526	96	85	100	100
240-249953-4	MW-21_050526	105	78	90	97
240-249953-4	MW-21_050526	92	98	97	102
240-249953-5	MW-23_050526	108	86	94	101
240-249953-5	MW-23_050526	98	84	97	103
240-249953-5 MS	MW-23_050526	95	93	93	98
240-249953-5 MSD	MW-23_050526	90	92	91	93
240-249953-6	PW-16-01_050526	95	81	88	99
LCS 240-701237/4	Lab Control Sample	104	103	99	97
LCS 240-701397/3	Lab Control Sample	90	95	98	96
MB 240-701237/8	Method Blank	107	74	83	96
MB 240-701397/7	Method Blank	102	76	92	110
Surrogate Legend					
DCA = 1,2-Dichloroethane-d4 (Surr)					
BFB = 4-Bromofluorobenzene (Surr)					
TOL = Toluene-d8 (Surr)					
DBFM = Dibromofluoromethane (Surr)					

Method: 8260D SIM - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (64-136)			
240-249953-2	MW-71_050526	105			
240-249953-2 MS	MW-71-MS_050526	102			
240-249953-2 MSD	MW-71-MSD_050526	109			
240-249953-3	MW-49_050526	86			
240-249953-4	MW-21_050526	101			
240-249953-5	MW-23_050526	96			
240-249953-6	PW-16-01_050526	107			
LCS 240-701641/3	Lab Control Sample	104			
MB 240-701641/4	Method Blank	103			
Surrogate Legend					
DCA = 1,2-Dichloroethane-d4 (Surr)					

QC Sample Results

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-249953-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-701237/8

Matrix: Water

Analysis Batch: 701237

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/11/26 11:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/11/26 11:47	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/11/26 11:47	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/11/26 11:47	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/11/26 11:47	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/11/26 11:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		62 - 137		05/11/26 11:47	1
4-Bromofluorobenzene (Surr)	74		56 - 136		05/11/26 11:47	1
Toluene-d8 (Surr)	83		78 - 122		05/11/26 11:47	1
Dibromofluoromethane (Surr)	96		73 - 120		05/11/26 11:47	1

Lab Sample ID: LCS 240-701237/4

Matrix: Water

Analysis Batch: 701237

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	50.0	44.2		ug/L		88	63 - 134
cis-1,2-Dichloroethene	50.0	45.3		ug/L		91	77 - 123
Tetrachloroethene	50.0	49.0		ug/L		98	76 - 123
trans-1,2-Dichloroethene	50.0	42.7		ug/L		85	75 - 124
Trichloroethene	50.0	46.9		ug/L		94	70 - 122
Vinyl chloride	50.0	46.7		ug/L		93	60 - 144

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		62 - 137
4-Bromofluorobenzene (Surr)	103		56 - 136
Toluene-d8 (Surr)	99		78 - 122
Dibromofluoromethane (Surr)	97		73 - 120

Lab Sample ID: 240-249953-2 MS

Matrix: Water

Analysis Batch: 701237

Client Sample ID: MW-71-MS_050526

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	1.0	U	50.0	41.3		ug/L		83	56 - 135
cis-1,2-Dichloroethene	0.61	J	50.0	44.1		ug/L		87	66 - 128
Tetrachloroethene	1.0	U	50.0	44.5		ug/L		89	62 - 131
trans-1,2-Dichloroethene	1.0	U	50.0	39.2		ug/L		78	56 - 136
Trichloroethene	1.0	U	50.0	44.9		ug/L		90	61 - 124
Vinyl chloride	1.0	U	50.0	43.8		ug/L		88	43 - 157

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		62 - 137
4-Bromofluorobenzene (Surr)	93		56 - 136
Toluene-d8 (Surr)	90		78 - 122

Eurofins Cleveland

QC Sample Results

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-249953-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-249953-2 MS

Matrix: Water

Analysis Batch: 701237

Client Sample ID: MW-71-MS_050526

Prep Type: Total/NA

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Dibromofluoromethane (Surr)	95		73 - 120

Lab Sample ID: 240-249953-2 MSD

Matrix: Water

Analysis Batch: 701237

Client Sample ID: MW-71-MSD_050526

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	1.0	U	50.0	43.4		ug/L		87	56 - 135	5	26
cis-1,2-Dichloroethene	0.61	J	50.0	45.3		ug/L		89	66 - 128	3	14
Tetrachloroethene	1.0	U	50.0	47.5		ug/L		95	62 - 131	7	20
trans-1,2-Dichloroethene	1.0	U	50.0	40.6		ug/L		81	56 - 136	3	15
Trichloroethene	1.0	U	50.0	46.8		ug/L		94	61 - 124	4	15
Vinyl chloride	1.0	U	50.0	46.4		ug/L		93	43 - 157	6	24

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		62 - 137
4-Bromofluorobenzene (Surr)	106		56 - 136
Toluene-d8 (Surr)	100		78 - 122
Dibromofluoromethane (Surr)	98		73 - 120

Lab Sample ID: MB 240-701397/7

Matrix: Water

Analysis Batch: 701397

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/12/26 08:02	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/12/26 08:02	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/12/26 08:02	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/12/26 08:02	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/12/26 08:02	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/12/26 08:02	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1,2-Dichloroethane-d4 (Surr)	102		62 - 137		05/12/26 08:02	1			
4-Bromofluorobenzene (Surr)	76		56 - 136		05/12/26 08:02	1			
Toluene-d8 (Surr)	92		78 - 122		05/12/26 08:02	1			
Dibromofluoromethane (Surr)	110		73 - 120		05/12/26 08:02	1			

Lab Sample ID: LCS 240-701397/3

Matrix: Water

Analysis Batch: 701397

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	50.0	48.6		ug/L		97	63 - 134
cis-1,2-Dichloroethene	50.0	45.7		ug/L		91	77 - 123
Tetrachloroethene	50.0	51.7		ug/L		103	76 - 123
trans-1,2-Dichloroethene	50.0	46.4		ug/L		93	75 - 124
Trichloroethene	50.0	47.2		ug/L		94	70 - 122

Eurofins Cleveland

QC Sample Results

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-249953-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-701397/3

Matrix: Water

Analysis Batch: 701397

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Vinyl chloride	50.0	49.5		ug/L		99	60 - 144

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	90		62 - 137
4-Bromofluorobenzene (Surr)	95		56 - 136
Toluene-d8 (Surr)	98		78 - 122
Dibromofluoromethane (Surr)	96		73 - 120

Lab Sample ID: 240-249953-5 MS

Matrix: Water

Analysis Batch: 701397

Client Sample ID: MW-23_050526

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	40	U	2000	1730		ug/L		87	56 - 135
cis-1,2-Dichloroethene	12000		2000	13300	4	ug/L		60	66 - 128
Tetrachloroethene	40	U	2000	1870		ug/L		93	62 - 131
trans-1,2-Dichloroethene	450		2000	2210		ug/L		88	56 - 136
Trichloroethene	1200		2000	3000		ug/L		92	61 - 124
Vinyl chloride	840		2000	2590		ug/L		87	43 - 157

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		62 - 137
4-Bromofluorobenzene (Surr)	93		56 - 136
Toluene-d8 (Surr)	93		78 - 122
Dibromofluoromethane (Surr)	98		73 - 120

Lab Sample ID: 240-249953-5 MSD

Matrix: Water

Analysis Batch: 701397

Client Sample ID: MW-23_050526

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	40	U	2000	1800		ug/L		90	56 - 135	4	26
cis-1,2-Dichloroethene	12000		2000	13300	4	ug/L		58	66 - 128	0	14
Tetrachloroethene	40	U	2000	1920		ug/L		96	62 - 131	3	20
trans-1,2-Dichloroethene	450		2000	2310		ug/L		93	56 - 136	4	15
Trichloroethene	1200		2000	3120		ug/L		98	61 - 124	4	15
Vinyl chloride	840		2000	2670		ug/L		92	43 - 157	3	24

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	90		62 - 137
4-Bromofluorobenzene (Surr)	92		56 - 136
Toluene-d8 (Surr)	91		78 - 122
Dibromofluoromethane (Surr)	93		73 - 120

Eurofins Cleveland

QC Sample Results

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-249953-1

Method: 8260D SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-701641/4

Matrix: Water

Analysis Batch: 701641

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			05/13/26 11:28	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		64 - 136					05/13/26 11:28	1

Lab Sample ID: LCS 240-701641/3

Matrix: Water

Analysis Batch: 701641

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
1,4-Dioxane		10.0	8.30		ug/L		83	68 - 120	
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	104		64 - 136						

Lab Sample ID: 240-249953-2 MS

Matrix: Water

Analysis Batch: 701641

Client Sample ID: MW-71-MS_050526

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
1,4-Dioxane	2.0	U	10.0	9.66		ug/L		97	45 - 145	
Surrogate	MS %Recovery	MS Qualifier	Limits							
1,2-Dichloroethane-d4 (Surr)	102		64 - 136							

Lab Sample ID: 240-249953-2 MSD

Matrix: Water

Analysis Batch: 701641

Client Sample ID: MW-71-MSD_050526

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	2.0	U	10.0	9.84		ug/L		98	45 - 145	2	19
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1,2-Dichloroethane-d4 (Surr)	109		64 - 136								

Eurofins Cleveland

QC Association Summary

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-249953-1

GC/MS VOA

Analysis Batch: 701237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-249953-1	TRIP BLANK_92	Total/NA	Water	8260D	
240-249953-2	MW-71_050526	Total/NA	Water	8260D	
240-249953-3	MW-49_050526	Total/NA	Water	8260D	
240-249953-4	MW-21_050526	Total/NA	Water	8260D	
240-249953-5	MW-23_050526	Total/NA	Water	8260D	
MB 240-701237/8	Method Blank	Total/NA	Water	8260D	
LCS 240-701237/4	Lab Control Sample	Total/NA	Water	8260D	
240-249953-2 MS	MW-71-MS_050526	Total/NA	Water	8260D	
240-249953-2 MSD	MW-71-MSD_050526	Total/NA	Water	8260D	

Analysis Batch: 701397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-249953-3	MW-49_050526	Total/NA	Water	8260D	
240-249953-4	MW-21_050526	Total/NA	Water	8260D	
240-249953-5	MW-23_050526	Total/NA	Water	8260D	
240-249953-6	PW-16-01_050526	Total/NA	Water	8260D	
MB 240-701397/7	Method Blank	Total/NA	Water	8260D	
LCS 240-701397/3	Lab Control Sample	Total/NA	Water	8260D	
240-249953-5 MS	MW-23_050526	Total/NA	Water	8260D	
240-249953-5 MSD	MW-23_050526	Total/NA	Water	8260D	

Analysis Batch: 701641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-249953-2	MW-71_050526	Total/NA	Water	8260D SIM	
240-249953-3	MW-49_050526	Total/NA	Water	8260D SIM	
240-249953-4	MW-21_050526	Total/NA	Water	8260D SIM	
240-249953-5	MW-23_050526	Total/NA	Water	8260D SIM	
240-249953-6	PW-16-01_050526	Total/NA	Water	8260D SIM	
MB 240-701641/4	Method Blank	Total/NA	Water	8260D SIM	
LCS 240-701641/3	Lab Control Sample	Total/NA	Water	8260D SIM	
240-249953-2 MS	MW-71-MS_050526	Total/NA	Water	8260D SIM	
240-249953-2 MSD	MW-71-MSD_050526	Total/NA	Water	8260D SIM	

Lab Chronicle

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-249953-1

Client Sample ID: TRIP BLANK_92

Lab Sample ID: 240-249953-1

Date Collected: 05/05/26 00:00

Matrix: Water

Date Received: 05/07/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	701237	HMB	EET CLE	05/11/26 14:48

Client Sample ID: MW-71_050526

Lab Sample ID: 240-249953-2

Date Collected: 05/05/26 09:30

Matrix: Water

Date Received: 05/07/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	701237	HMB	EET CLE	05/11/26 18:47
Total/NA	Analysis	8260D SIM		1	701641	MDH	EET CLE	05/13/26 15:46

Client Sample ID: MW-49_050526

Lab Sample ID: 240-249953-3

Date Collected: 05/05/26 10:55

Matrix: Water

Date Received: 05/07/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	701237	HMB	EET CLE	05/11/26 19:59
Total/NA	Analysis	8260D		50	701397	HMB	EET CLE	05/12/26 13:43
Total/NA	Analysis	8260D SIM		1	701641	MDH	EET CLE	05/13/26 16:09

Client Sample ID: MW-21_050526

Lab Sample ID: 240-249953-4

Date Collected: 05/05/26 12:05

Matrix: Water

Date Received: 05/07/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	701237	HMB	EET CLE	05/11/26 20:23
Total/NA	Analysis	8260D		1	701397	HMB	EET CLE	05/12/26 12:55
Total/NA	Analysis	8260D SIM		1	701641	MDH	EET CLE	05/13/26 16:33

Client Sample ID: MW-23_050526

Lab Sample ID: 240-249953-5

Date Collected: 05/05/26 13:30

Matrix: Water

Date Received: 05/07/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	701237	HMB	EET CLE	05/11/26 20:47
Total/NA	Analysis	8260D		40	701397	HMB	EET CLE	05/12/26 14:08
Total/NA	Analysis	8260D SIM		1	701641	MDH	EET CLE	05/13/26 16:56

Client Sample ID: PW-16-01_050526

Lab Sample ID: 240-249953-6

Date Collected: 05/05/26 15:00

Matrix: Water

Date Received: 05/07/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		3.33	701397	HMB	EET CLE	05/12/26 13:19
Total/NA	Analysis	8260D SIM		1	701641	MDH	EET CLE	05/13/26 17:20

Eurofins Cleveland

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-249953-1

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

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Accreditation/Certification Summary

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-249953-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0806	09-30-26
Georgia	State	4062	02-27-27
Illinois	NELAP	200004	08-31-26
Iowa	State	421	06-01-27
Kansas	NELAP	E-10336	01-31-27
Kentucky (UST)	State	112225	02-28-27
Kentucky (WW)	State	KY98016	12-31-26
Michigan	State	9135	01-10-27
Minnesota	NELAP	039-999-348	12-31-26
New Hampshire	NELAP	2250	09-30-26
New Jersey	NELAP	OH001	06-30-26
New York	NELAP	10975	04-01-27
Ohio	State	8303	02-28-27
Ohio VAP	State	ORELAP 4062	02-28-27
Oregon	NELAP	4062	02-27-27
Pennsylvania	NELAP	68-00340	08-31-26
Texas	NELAP	T104704517	08-31-26
US Fish & Wildlife	US Federal Programs	A26406	02-28-27
USDA	US Federal Programs	525-24-5-34740	01-05-27
Virginia	NELAP	460175	09-30-26
West Virginia DEP	State	210	12-31-26
Wisconsin	State	399167560	08-31-26

Chain of Custody Record

5/9

TestAmerica Laboratory location: Farmington Hills — 38855 Hills Tech Drive, Suite 600, Farmington Hills 48331

Client Contact			Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other															TestAmerica Laboratories, Inc.																	
Company Name: Arcadis			Client Project Manager: Megan Meckley					Site Contact: Lottie Jay					Lab Contact: Mike DelMonico					COC No:																	
Address: 28550 Cabot Drive, Suite 500			Telephone: 248-994-2240					Telephone: 248-819-4667					Telephone: 330-497-9396					1 of 1 COCs																	
City/State/Zip: Novi, MI, 48377			Email: megan.meckley@arcadis.com					Analysis Turnaround Time					Analyses					For lab use only																	
Phone: 248-994-2240			Sampler Name: Emma Green					TAT if different from below										Walk-in client																	
Project Name: Ford LTP			Method of Shipment/Carrier:					10 day										Lab sampling																	
Project Number: 30309849.401.04			Shipping/Tracking No:															Job/SDG No:																	
PO # US 3460030921																																			
Sample Identification			Sample Date		Sample Time		Matrix					Containers & Preservatives					Filtered Sample (Y/N)					Composite=C / Grab=G					Sample Specific Notes / Special Instructions:								
TRIP BLANK_92			---		---		1					1					NG					X X X X X X					1 Trip Blank								
MW-71-050526			5/5/26		0930		6					6					UG					X X X X X X					3 VOAs for 8260D 3 VOAs for 8260D SIM								
MW-71-MS-050526			5/5/26		0930		6					6					NG					X X X X X X					run ms/msD								
MW-71-MSD-050526			5/5/26		0930		6					6					NG					X X X X X X					run ms/msD								
MW-49-050526			5/5/26		1055		6					6					NG					X X X X X X													
MW-21-050526			5/5/26		1205		6					6					NG					X X X X X X													
MW-23-050526			5/5/26		1330		6					6					NG					X X X X X X													
PW-16-01-050526			5/5/26		1500		6					6					NG					X X X X X X													
																	EG					5/5/26													
Possible Hazard Identification			Non-Hazard		Flammable		Irritant		Poison B		Unknown		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)															Return to Client		Disposal By Lab		Archive For		Months	
Special Instructions/QC Requirements & Comments:			onsite																																
Submit all results through Cadena at jtomalia@cadenaco.com. Cadena #E203728																																			
Level IV Reporting requested.																																			
Relinquished by: [Signature]			Company: Arcadis			Date/Time: 5/5/26 1550			Received by: [Signature]			Company: Arcadis			Date/Time: 5/5/26 1550																				
Relinquished by: [Signature]			Company: ARCADIS			Date/Time: 5/6/26 1252			Received by: [Signature]			Company: EETA			Date/Time: 5/6/26 1252																				
Relinquished by: [Signature]			Company: EETA			Date/Time: 5/6/26 1252			Received in Laboratory by: [Signature]			Company: EETA			Date/Time: 5/7/26 1252																				



Eurofins Cleveland Sample Receipt Form/Narrative		Login # _____	
Barberton Facility			
Client <u>Arcadis</u>	Site Name _____	Cooler unpacked by: <u>JM</u>	
Cooler Received on <u>5/7/26</u>	Opened on <u>5/8/26</u>		
FedEx: 1 st Grd Exp <u>UPS</u> <u>FAS</u> <u>Waypoint</u>	Client Drop Off _____	Eurofins Counter _____	Other _____
Receipt After-hours Drop-off Date/Time _____		Storage Location _____	
Eurofins Cooler # <u>FC</u>	Foam Box _____	Client Cooler _____	Box _____ Other _____
Packing material used <u>Bubble Wrap</u>	Foam _____	Plastic Bag _____	None _____ Other _____
COOLANT: <u>Wet Ice</u>	Blue Ice _____	Dry Ice _____	Water _____ None _____
1 Cooler temperature upon receipt: ☐ See Multiple Cooler Form			
IR GUN # <u>3</u> (CF-0.9 °C) Observed Cooler Temp. <u>6.1</u> °C Corrected Cooler Temp <u>5.2</u> °C			
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity <u>1</u> -Were the seals on the outside of the cooler(s) signed & dated? <u>Yes</u> <u>No</u> <u>NA</u> -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? <u>Yes</u> <u>No</u> <u>NA</u> -Were tamper/custody seals intact and uncompromised? <u>Yes</u> <u>No</u> <u>NA</u>			
3 Shippers' packing slip attached to the cooler(s)? <u>Yes</u> <u>No</u> <u>NA</u> 4. Did custody papers accompany the sample(s)? <u>Yes</u> <u>No</u> <u>NA</u> 5 Were the custody papers relinquished & signed in the appropriate place? <u>Yes</u> <u>No</u> <u>NA</u> 6. Was/were the person(s) who collected the samples clearly identified on the COC? <u>Yes</u> <u>No</u> <u>NA</u> 7 Did all bottles arrive in good condition (Unbroken)? <u>Yes</u> <u>No</u> <u>NA</u> 8 Could all bottle labels (ID/Date/Time) be reconciled with the COC? <u>Yes</u> <u>No</u> <u>NA</u> 9 For each sample, does the COC specify preservatives <u>(Y/N)</u> , # of containers <u>(Y/N)</u> , and sample type of grab/comp <u>(Y/N)</u> ? <u>Yes</u> <u>No</u> <u>NA</u> 10 Were correct bottle(s) used for the test(s) indicated? <u>Yes</u> <u>No</u> <u>NA</u> 11 Sufficient quantity received to perform indicated analyses? <u>Yes</u> <u>No</u> <u>NA</u> 12. Are these work share samples and all listed on the COC? <u>Yes</u> <u>No</u> <u>NA</u> If yes, Questions 13-17 have been checked at the originating laboratory 13 Were all preserved sample(s) at the correct pH upon receipt? <u>Yes</u> <u>No</u> <u>NA</u> pH Strip Lot# HC574455 14. Were VOAs on the COC? <u>Yes</u> <u>No</u> <u>NA</u> 15 Were air bubbles >6 mm in any VOA vials? <u>Yes</u> <u>No</u> <u>NA</u> 16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # <u>64324</u> <u>Yes</u> <u>No</u> <u>NA</u> 17 Was a LL Hg or Me Hg trip blank present? <u>Yes</u> <u>No</u> <u>NA</u>			
Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____ Concerning _____			
18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page		Labeled by: _____ Labels Verified by: _____	
19. SAMPLE CONDITION			
Sample(s) _____ were received after the recommended holding time had expired.			
Sample(s) _____ were received in a broken container			
Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)			
20. SAMPLE PRESERVATION			
Sample(s) _____ were further preserved in the laboratory			
Time preserved _____ Preservative(s) added/Lot number(s) _____			
VOA Sample Preservation - Date/Time VOAs Frozen _____			

Tests that are not checked for pH by Receiving.
VOAs
Oil and Grease
TOC

Temperature readings				Container	Preservation	Preservation
Client Sample ID	Lab ID	Container Type	pH	Temp	Added	Lot Number
TRIP BLANK_92	240-249953-A-1	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-71_050526	240-249953-A-2	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-71-MS_050526	240-249953-A-2 MS	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-71-MSD_050526	240-249953-A-2 MSD	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-71_050526	240-249953-B-2	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-71-MS_050526	240-249953-B-2 MS	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-71-MSD_050526	240-249953-B-2 MSD	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-71_050526	240-249953-C-2	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-71-MS_050526	240-249953-C-2 MS	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-71-MSD_050526	240-249953-C-2 MSD	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-71_050526	240-249953-D-2	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-71-MS_050526	240-249953-D-2 MS	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-71-MSD_050526	240-249953-D-2 MSD	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-71_050526	240-249953-E-2	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-71-MS_050526	240-249953-E-2 MS	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-71-MSD_050526	240-249953-E-2 MSD	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-71_050526	240-249953-F-2	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-71-MS_050526	240-249953-F-2 MS	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-71-MSD_050526	240-249953-F-2 MSD	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-49_050526	240-249953-A-3	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-49_050526	240-249953-B-3	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-49_050526	240-249953-C-3	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-49_050526	240-249953-D-3	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-49_050526	240-249953-E-3	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-49_050526	240-249953-F-3	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-21_050526	240-249953-A-4	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-21_050526	240-249953-B-4	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-21_050526	240-249953-C-4	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-21_050526	240-249953-D-4	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-21_050526	240-249953-E-4	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-21_050526	240-249953-F-4	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-23_050526	240-249953-A-5	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container</u>	<u>Preservation</u>	<u>Preservation</u>
			pH	Temp	Added Lot Number
MW-23_050526	240-249953-B-5	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____
MW-23_050526	240-249953-C-5	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____
MW-23_050526	240-249953-D-5	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____
MW-23_050526	240-249953-E-5	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____
MW-23_050526	240-249953-F-5	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____
PW-16-01_050526	240-249953-A-6	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____
PW-16-01_050526	240-249953-B-6	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____
PW-16-01_050526	240-249953-C-6	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____
PW-16-01_050526	240-249953-D-6	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____
PW-16-01_050526	240-249953-E-6	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____
PW-16-01_050526	240-249953-F-6	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____

DATA VERIFICATION REPORT



May 14, 2026

Megan Meckley
Arcadis
28550 Cabot Drive
Suite 500
Novi, MI US 48377

CADENA project ID: E203728

Project: Ford Livonia Transmission Plant - ON-SITE Soil Gas, Ground Water and Soil

Project number: 30309849.401.04

Event Specific Scope of Work References: Sample COC

Laboratory: Eurofins Environment Testing LLC - Cleveland

Laboratory submittal: 249953-1

Sample date: 2026-05-05

Report received by CADENA: 2026-05-14

Initial Data Verification completed by CADENA: 2026-05-14

Number of Samples:6

Sample Matrices:Water

Test Categories:GCMS VOC

Please see attached criteria report or sample result/qualified analytical result summary for qualifier flags assigned to sample data.

The following minor QC exceptions or missing information were noted:

GCMS VOC sample -005 MS and or MSD recovery outliers were not used to qualify results for CIS-1,2-DICHLOROETHENE due to high levels of this target analyte in the original sample relative to the spike concentration (4X rule).

Sample/MS/MSD Surrogate Recovery, Blank/LCS Surrogate Recovery, LCS/LCD Recovery, MS/MSD Recovery, MS/MSD RPD, Blank Contamination and Hold Time Exception were reviewed as part of our verification.

Data verification for the report specified above was completed using the Ford Motor Company Environmental Laboratory Technical Specification, the CADENA Standard Operating Procedure for the Verification of Environmental Analytical Data and the associated analytical methods as references for evaluating the batch QC, sample data and report content. The EPA National Functional Guidelines for validating organic and inorganic data were used as guidance when addressing out of control QC results and the associated data qualifiers.

Analytical results reported between RDL and MDL are flagged 'J' and considered estimated values.

The definitions of the qualifiers used for this data package are defined in the analytical report. CADENA valid qualifiers are defined in the table below. To view and download a PDF copy of the laboratory analytical report access the CADENA CLMS at <http://clms.cadenaco.com/index.cfm>.

Please contact me if you have any questions.

Sincerely,

Jim Tomalia

Project Scientist

CADENA Inc, 1099 Highland Drive, Suite E, Ann Arbor, MI 48108 517-819-0356

CADENA Valid Qualifiers

Valid Qualifiers	Description
<	Less than the reported concentration.
>	Greater than the reported concentration.
B	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was greater than the RDL and less than 5x (or 10x for common lab contaminants) the blank concentration and is considered non-detect at the reported concentration. For Inorganic methods the sample concentration was greater than the RDL and less than 10x the blank concentration and is considered non-detect at the reported concentration.
E	The analyte / Compound reported exceeds the calibration range and is considered estimated.
EMPC	Estimated Minimum Potential Contamination - Dioxin/Furan analyses only.
J	Indicates an estimated value. This flag is used either when estimating a concentration for a tentatively identified compound or when the data indicates the presence of an analyte / compound but the result is less than the sample Quantitation limit, but greater than zero. The flag is also used in data validation to indicate a reported value should be considered estimated due to associated quality assurance deficiencies.
J-	The result is an estimated quantity, but the result may be biased low.
JB	NON-DETECT AT THE CONCENTRATION REPORTED AND ESTIMATED
JH	The sample result is considered estimated and is potentially biased high.
JL	The sample result is considered estimated and is potentially biased low.
JUB	NON-DETECT AT THE REPORTING LIMIT AND ESTIMATED
NJ	Tentatively identified compound with approximated concentration.
R	Indicates the value is considered to be unusable. (Note: The analyte / compound may or may not be present.)
TNTC	Too Numerous to Count - Asbestos and Microbiological Results.
U	Indicates that the analyte / compound was analyzed for, but not detected.
UB	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was less than the RDL and less than 5x (or 10x for common lab contaminants) the blank concentration and is considered non-detect at the RDL. For Inorganic methods the sample concentration was less than the RDL and less than 10x the blank concentration and is considered non-detect at the RDL.
UJ	The analyte / compound was not detected above the reported sample Quantitation limit. However, the Quantitation limit is considered to be approximate due to associated quality assurance results and may or may not represent the actual limit of Quantitation to accurately and precisely report the analyte in the sample.

Analytical Results Summary

CADENA Project ID: E203728
Laboratory: Eurofins Environment Testing LLC - Cleveland
Laboratory Submittal: 249953-1

		Sample Name: TRIP BLANK_92				MW-71_050526				MW-49_050526				MW-21_050526				MW-23_050526				PW-16-01_050526			
		Lab Sample ID: 2402499531				2402499532				2402499533				2402499534				2402499535				2402499536			
		Sample Date: 5/5/2026				5/5/2026				5/5/2026				5/5/2026				5/5/2026				5/5/2026			