

ANALYTICAL REPORT

PREPARED FOR

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Generated 5/11/2026 9:09:41 AM

JOB DESCRIPTION

Ford LTP

JOB NUMBER

240-249407-1

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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: 240-249407-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
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: 240-249407-1

Job ID: 240-249407-1

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Job Narrative 240-249407-1

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 5/1/2026 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 1.8°C.

GC/MS VOA

Method 8260D: Method required MS/MSD and/or duplicate QC were prepared and analyzed at required batch frequency for analytical batch 240-700852 using samples from other sites, and are not reported with this project. The affected samples are TRIP BLANK_77 (240-249407-1), (240-249420-B-1), (240-249420-B-1 MS) and (240-249420-A-1 MSD)

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: 240-249407-1

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: 240-249407-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
240-249407-1	TRIP BLANK_77	Water	04/29/26 00:00	05/01/26 08:00	Michigan
240-249407-2	MW-54S_042926	Water	04/29/26 09:50	05/01/26 08:00	Michigan
240-249407-3	MW-54_042926	Water	04/29/26 10:55	05/01/26 08:00	Michigan
240-249407-4	MW-53_042926	Water	04/29/26 11:50	05/01/26 08:00	Michigan
240-249407-5	MW-57_042926	Water	04/29/26 12:45	05/01/26 08:00	Michigan
240-249407-6	MW-64_042926	Water	04/29/26 13:35	05/01/26 08:00	Michigan

Detection Summary

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

Job ID: 240-249407-1

Client Sample ID: TRIP BLANK_77

Lab Sample ID: 240-249407-1

No Detections.

Client Sample ID: MW-54S_042926

Lab Sample ID: 240-249407-2

No Detections.

Client Sample ID: MW-54_042926

Lab Sample ID: 240-249407-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	2.2		2.0	0.86	ug/L	1		8260D SIM	Total/NA
Vinyl chloride	0.53	J	1.0	0.45	ug/L	1		8260D	Total/NA

Client Sample ID: MW-53_042926

Lab Sample ID: 240-249407-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.1	J	2.0	0.86	ug/L	1		8260D SIM	Total/NA

Client Sample ID: MW-57_042926

Lab Sample ID: 240-249407-5

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

Client Sample ID: MW-64_042926

Lab Sample ID: 240-249407-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.57	J	1.0	0.46	ug/L	1		8260D	Total/NA
Vinyl chloride	1.6		1.0	0.45	ug/L	1		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: 240-249407-1

Client Sample ID: TRIP BLANK_77

Lab Sample ID: 240-249407-1

Date Collected: 04/29/26 00:00

Matrix: Water

Date Received: 05/01/26 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			05/07/26 17:53	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/07/26 17:53	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/07/26 17:53	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/07/26 17:53	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/07/26 17:53	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/07/26 17:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		62 - 137		05/07/26 17:53	1
4-Bromofluorobenzene (Surr)	87		56 - 136		05/07/26 17:53	1
Toluene-d8 (Surr)	91		78 - 122		05/07/26 17:53	1
Dibromofluoromethane (Surr)	99		73 - 120		05/07/26 17:53	1

Client Sample Results

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

Job ID: 240-249407-1

Client Sample ID: MW-54S_042926

Lab Sample ID: 240-249407-2

Date Collected: 04/29/26 09:50

Matrix: Water

Date Received: 05/01/26 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			05/07/26 05:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		64 - 136					05/07/26 05:57	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			05/07/26 17:10	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/07/26 17:10	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/07/26 17:10	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/07/26 17:10	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/07/26 17:10	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/07/26 17:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	83		62 - 137					05/07/26 17:10	1
4-Bromofluorobenzene (Surr)	90		56 - 136					05/07/26 17:10	1
Toluene-d8 (Surr)	93		78 - 122					05/07/26 17:10	1
Dibromofluoromethane (Surr)	94		73 - 120					05/07/26 17:10	1

Client Sample Results

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

Job ID: 240-249407-1

Client Sample ID: MW-54_042926

Lab Sample ID: 240-249407-3

Date Collected: 04/29/26 10:55

Matrix: Water

Date Received: 05/01/26 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	2.2		2.0	0.86	ug/L			05/07/26 06:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		64 - 136					05/07/26 06:21	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			05/07/26 10:53	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/07/26 10:53	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/07/26 10:53	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/07/26 10:53	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/07/26 10:53	1
Vinyl chloride	0.53	J	1.0	0.45	ug/L			05/07/26 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		62 - 137					05/07/26 10:53	1
4-Bromofluorobenzene (Surr)	94		56 - 136					05/07/26 10:53	1
Toluene-d8 (Surr)	94		78 - 122					05/07/26 10:53	1
Dibromofluoromethane (Surr)	95		73 - 120					05/07/26 10:53	1

Client Sample Results

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

Job ID: 240-249407-1

Client Sample ID: MW-53_042926

Lab Sample ID: 240-249407-4

Date Collected: 04/29/26 11:50

Matrix: Water

Date Received: 05/01/26 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	1.1	J	2.0	0.86	ug/L			05/07/26 06:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		64 - 136					05/07/26 06:44	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			05/07/26 11:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/07/26 11:14	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/07/26 11:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/07/26 11:14	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/07/26 11:14	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/07/26 11:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		62 - 137					05/07/26 11:14	1
4-Bromofluorobenzene (Surr)	94		56 - 136					05/07/26 11:14	1
Toluene-d8 (Surr)	94		78 - 122					05/07/26 11:14	1
Dibromofluoromethane (Surr)	97		73 - 120					05/07/26 11:14	1

Client Sample Results

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

Job ID: 240-249407-1

Client Sample ID: MW-57_042926

Lab Sample ID: 240-249407-5

Date Collected: 04/29/26 12:45

Matrix: Water

Date Received: 05/01/26 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			05/07/26 07:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		64 - 136					05/07/26 07:08	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			05/07/26 11:35	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/07/26 11:35	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/07/26 11:35	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/07/26 11:35	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/07/26 11:35	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/07/26 11:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		62 - 137					05/07/26 11:35	1
4-Bromofluorobenzene (Surr)	92		56 - 136					05/07/26 11:35	1
Toluene-d8 (Surr)	95		78 - 122					05/07/26 11:35	1
Dibromofluoromethane (Surr)	97		73 - 120					05/07/26 11:35	1

Client Sample Results

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

Job ID: 240-249407-1

Client Sample ID: MW-64_042926

Lab Sample ID: 240-249407-6

Date Collected: 04/29/26 13:35

Matrix: Water

Date Received: 05/01/26 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			05/07/26 15:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		64 - 136					05/07/26 15:04	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			05/07/26 11:56	1
cis-1,2-Dichloroethene	0.57	J	1.0	0.46	ug/L			05/07/26 11:56	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/07/26 11:56	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/07/26 11:56	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/07/26 11:56	1
Vinyl chloride	1.6		1.0	0.45	ug/L			05/07/26 11:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		62 - 137					05/07/26 11:56	1
4-Bromofluorobenzene (Surr)	93		56 - 136					05/07/26 11:56	1
Toluene-d8 (Surr)	93		78 - 122					05/07/26 11:56	1
Dibromofluoromethane (Surr)	98		73 - 120					05/07/26 11:56	1

Surrogate Summary

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

Job ID: 240-249407-1

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)
240-249350-C-2 MS	Matrix Spike	84	90	92	94
240-249350-C-2 MSD	Matrix Spike Duplicate	83	90	92	96
240-249367-B-8 MS	Matrix Spike	84	90	91	94
240-249367-B-8 MSD	Matrix Spike Duplicate	88	97	95	91
240-249407-1	TRIP BLANK_77	87	87	91	99
240-249407-2	MW-54S_042926	83	90	93	94
240-249407-3	MW-54_042926	92	94	94	95
240-249407-4	MW-53_042926	90	94	94	97
240-249407-5	MW-57_042926	89	92	95	97
240-249407-6	MW-64_042926	88	93	93	98
LCS 240-700820/4	Lab Control Sample	86	95	94	95
LCS 240-700852/4	Lab Control Sample	72	99	96	88
MB 240-700820/6	Method Blank	89	90	91	96
MB 240-700852/8	Method Blank	80	88	91	102

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)			
240-249407-2	MW-54S_042926	93			
240-249407-3	MW-54_042926	95			
240-249407-4	MW-53_042926	97			
240-249407-5	MW-57_042926	96			
240-249407-6	MW-64_042926	116			
240-249407-6 MS	MW-64_042926	112			
240-249407-6 MSD	MW-64_042926	121			
240-249459-C-4 MS	Matrix Spike	99			
240-249459-C-4 MSD	Matrix Spike Duplicate	97			
LCS 240-700754/4	Lab Control Sample	95			
LCS 240-700837/4	Lab Control Sample	116			
MB 240-700754/5	Method Blank	95			
MB 240-700837/5	Method Blank	115			

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (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 (10-150)			
MRL 240-700837/6	Lab Control Sample	121			

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Surrogate Summary

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

Job ID: 240-249407-1

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

1

2

3

4

5

6

7

8

9

10

11

12

13

14

QC Sample Results

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

Job ID: 240-249407-1

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

Lab Sample ID: MB 240-700820/6

Matrix: Water

Analysis Batch: 700820

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			05/07/26 07:31	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/07/26 07:31	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/07/26 07:31	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/07/26 07:31	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/07/26 07:31	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/07/26 07:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		62 - 137		05/07/26 07:31	1
4-Bromofluorobenzene (Surr)	90		56 - 136		05/07/26 07:31	1
Toluene-d8 (Surr)	91		78 - 122		05/07/26 07:31	1
Dibromofluoromethane (Surr)	96		73 - 120		05/07/26 07:31	1

Lab Sample ID: LCS 240-700820/4

Matrix: Water

Analysis Batch: 700820

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	44.1		ug/L		88	63 - 134
cis-1,2-Dichloroethene	50.0	48.6		ug/L		97	77 - 123
Tetrachloroethene	50.0	52.1		ug/L		104	76 - 123
trans-1,2-Dichloroethene	50.0	48.6		ug/L		97	75 - 124
Trichloroethene	50.0	49.7		ug/L		99	70 - 122
Vinyl chloride	50.0	46.2		ug/L		92	60 - 144

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	86		62 - 137
4-Bromofluorobenzene (Surr)	95		56 - 136
Toluene-d8 (Surr)	94		78 - 122
Dibromofluoromethane (Surr)	95		73 - 120

Lab Sample ID: 240-249350-C-2 MS

Matrix: Water

Analysis Batch: 700820

Client Sample ID: Matrix Spike

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	44.5		ug/L		89	56 - 135
cis-1,2-Dichloroethene	1.0	U	50.0	47.3		ug/L		95	66 - 128
Tetrachloroethene	1.0	U	50.0	51.3		ug/L		103	62 - 131
trans-1,2-Dichloroethene	1.0	U	50.0	46.7		ug/L		93	56 - 136
Trichloroethene	1.0	U	50.0	48.5		ug/L		97	61 - 124
Vinyl chloride	1.0	U	50.0	38.8		ug/L		78	43 - 157

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	84		62 - 137
4-Bromofluorobenzene (Surr)	90		56 - 136
Toluene-d8 (Surr)	92		78 - 122

Eurofins Cleveland

QC Sample Results

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

Job ID: 240-249407-1

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

Lab Sample ID: 240-249350-C-2 MS

Matrix: Water

Analysis Batch: 700820

Client Sample ID: Matrix Spike

Prep Type: Total/NA

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Dibromofluoromethane (Surr)	94		73 - 120

Lab Sample ID: 240-249350-C-2 MSD

Matrix: Water

Analysis Batch: 700820

Client Sample ID: Matrix Spike Duplicate

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	44.7		ug/L		89	56 - 135	0	26
cis-1,2-Dichloroethene	1.0	U	50.0	47.0		ug/L		94	66 - 128	1	14
Tetrachloroethene	1.0	U	50.0	51.8		ug/L		104	62 - 131	1	20
trans-1,2-Dichloroethene	1.0	U	50.0	47.4		ug/L		95	56 - 136	1	15
Trichloroethene	1.0	U	50.0	48.9		ug/L		98	61 - 124	1	15
Vinyl chloride	1.0	U	50.0	37.5		ug/L		75	43 - 157	3	24

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	83		62 - 137
4-Bromofluorobenzene (Surr)	90		56 - 136
Toluene-d8 (Surr)	92		78 - 122
Dibromofluoromethane (Surr)	96		73 - 120

Lab Sample ID: 240-249367-B-8 MS

Matrix: Water

Analysis Batch: 700820

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	1.0	U	50.0	43.8		ug/L		88	56 - 135		
Tetrachloroethene	1.0	U	50.0	49.0		ug/L		98	62 - 131		
trans-1,2-Dichloroethene	1.0	U	50.0	46.0		ug/L		92	56 - 136		
Trichloroethene	1.0	U	50.0	46.8		ug/L		94	61 - 124		
Vinyl chloride	1.0	U	50.0	37.6		ug/L		75	43 - 157		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	84		62 - 137
4-Bromofluorobenzene (Surr)	90		56 - 136
Toluene-d8 (Surr)	91		78 - 122
Dibromofluoromethane (Surr)	94		73 - 120

Lab Sample ID: 240-249367-B-8 MSD

Matrix: Water

Analysis Batch: 700820

Client Sample ID: Matrix Spike Duplicate

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	46.0		ug/L		92	56 - 135	5	26
Tetrachloroethene	1.0	U	50.0	50.5		ug/L		101	62 - 131	3	20
trans-1,2-Dichloroethene	1.0	U	50.0	47.8		ug/L		96	56 - 136	4	15
Trichloroethene	1.0	U	50.0	46.8		ug/L		94	61 - 124	0	15
Vinyl chloride	1.0	U	50.0	39.1		ug/L		78	43 - 157	4	24

Eurofins Cleveland

QC Sample Results

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

Job ID: 240-249407-1

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

Lab Sample ID: 240-249367-B-8 MSD

Matrix: Water

Analysis Batch: 700820

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	88		62 - 137
4-Bromofluorobenzene (Surr)	97		56 - 136
Toluene-d8 (Surr)	95		78 - 122
Dibromofluoromethane (Surr)	91		73 - 120

Lab Sample ID: MB 240-700852/8

Matrix: Water

Analysis Batch: 700852

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/07/26 12:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/07/26 12:25	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/07/26 12:25	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/07/26 12:25	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/07/26 12:25	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/07/26 12:25	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1,2-Dichloroethane-d4 (Surr)	80		62 - 137		05/07/26 12:25	1			
4-Bromofluorobenzene (Surr)	88		56 - 136		05/07/26 12:25	1			
Toluene-d8 (Surr)	91		78 - 122		05/07/26 12:25	1			
Dibromofluoromethane (Surr)	102		73 - 120		05/07/26 12:25	1			

Lab Sample ID: LCS 240-700852/4

Matrix: Water

Analysis Batch: 700852

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

	Spike	LCS	LCS					%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
1,1-Dichloroethene	25.0	25.9		ug/L		104	63 - 134		
cis-1,2-Dichloroethene	25.0	25.1		ug/L		100	77 - 123		
Tetrachloroethene	25.0	22.7		ug/L		91	76 - 123		
trans-1,2-Dichloroethene	25.0	24.4		ug/L		98	75 - 124		
Trichloroethene	25.0	23.6		ug/L		95	70 - 122		
Vinyl chloride	12.5	8.92		ug/L		71	60 - 144		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	72		62 - 137
4-Bromofluorobenzene (Surr)	99		56 - 136
Toluene-d8 (Surr)	96		78 - 122
Dibromofluoromethane (Surr)	88		73 - 120

QC Sample Results

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

Job ID: 240-249407-1

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

Lab Sample ID: MB 240-700754/5

Matrix: Water

Analysis Batch: 700754

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			05/06/26 22:55	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		64 - 136					05/06/26 22:55	1

Lab Sample ID: LCS 240-700754/4

Matrix: Water

Analysis Batch: 700754

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	7.57		ug/L		76	68 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1,2-Dichloroethane-d4 (Surr)	95		64 - 136				

Lab Sample ID: 240-249459-C-4 MS

Matrix: Water

Analysis Batch: 700754

Client Sample ID: Matrix Spike

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	7.58		ug/L		76	45 - 145
Surrogate	MS %Recovery	MS Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	99		64 - 136						

Lab Sample ID: 240-249459-C-4 MSD

Matrix: Water

Analysis Batch: 700754

Client Sample ID: Matrix Spike Duplicate

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	8.15		ug/L		81	45 - 145	7	19
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1,2-Dichloroethane-d4 (Surr)	97		64 - 136								

Lab Sample ID: MB 240-700837/5

Matrix: Water

Analysis Batch: 700837

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			05/07/26 13:30	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		64 - 136					05/07/26 13:30	1

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QC Sample Results

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

Job ID: 240-249407-1

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

Lab Sample ID: LCS 240-700837/4

Matrix: Water

Analysis Batch: 700837

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	11.9		ug/L		119	68 - 120		
Surrogate		LCS %Recovery	LCS Qualifier	Limits							
1,2-Dichloroethane-d4 (Surr)		116		64 - 136							

Lab Sample ID: MRL 240-700837/6

Matrix: Water

Analysis Batch: 700837

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			0.00200	0.00268		ng/uL		134	10 - 150		
Surrogate		MRL %Recovery	MRL Qualifier	Limits							
1,2-Dichloroethane-d4 (Surr)		121		10 - 150							

Lab Sample ID: 240-249407-6 MS

Matrix: Water

Analysis Batch: 700837

Client Sample ID: MW-64_042926

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	9.80		ug/L		98	45 - 145		
Surrogate		MS %Recovery	MS Qualifier	Limits							
1,2-Dichloroethane-d4 (Surr)		112		64 - 136							

Lab Sample ID: 240-249407-6 MSD

Matrix: Water

Analysis Batch: 700837

Client Sample ID: MW-64_042926

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	10.1		ug/L		101	45 - 145	3	19
Surrogate		MSD %Recovery	MSD Qualifier	Limits							
1,2-Dichloroethane-d4 (Surr)		121		64 - 136							

QC Association Summary

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

Job ID: 240-249407-1

GC/MS VOA

Analysis Batch: 700754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-249407-2	MW-54S_042926	Total/NA	Water	8260D SIM	
240-249407-3	MW-54_042926	Total/NA	Water	8260D SIM	
240-249407-4	MW-53_042926	Total/NA	Water	8260D SIM	
240-249407-5	MW-57_042926	Total/NA	Water	8260D SIM	
MB 240-700754/5	Method Blank	Total/NA	Water	8260D SIM	
LCS 240-700754/4	Lab Control Sample	Total/NA	Water	8260D SIM	
240-249459-C-4 MS	Matrix Spike	Total/NA	Water	8260D SIM	
240-249459-C-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D SIM	

Analysis Batch: 700820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-249407-2	MW-54S_042926	Total/NA	Water	8260D	
240-249407-3	MW-54_042926	Total/NA	Water	8260D	
240-249407-4	MW-53_042926	Total/NA	Water	8260D	
240-249407-5	MW-57_042926	Total/NA	Water	8260D	
240-249407-6	MW-64_042926	Total/NA	Water	8260D	
MB 240-700820/6	Method Blank	Total/NA	Water	8260D	
LCS 240-700820/4	Lab Control Sample	Total/NA	Water	8260D	
240-249350-C-2 MS	Matrix Spike	Total/NA	Water	8260D	
240-249350-C-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	
240-249367-B-8 MS	Matrix Spike	Total/NA	Water	8260D	
240-249367-B-8 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Analysis Batch: 700837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-249407-6	MW-64_042926	Total/NA	Water	8260D SIM	
MB 240-700837/5	Method Blank	Total/NA	Water	8260D SIM	
LCS 240-700837/4	Lab Control Sample	Total/NA	Water	8260D SIM	
MRL 240-700837/6	Lab Control Sample	Total/NA	Water	8260D SIM	
240-249407-6 MS	MW-64_042926	Total/NA	Water	8260D SIM	
240-249407-6 MSD	MW-64_042926	Total/NA	Water	8260D SIM	

Analysis Batch: 700852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-249407-1	TRIP BLANK_77	Total/NA	Water	8260D	
MB 240-700852/8	Method Blank	Total/NA	Water	8260D	
LCS 240-700852/4	Lab Control Sample	Total/NA	Water	8260D	

Lab Chronicle

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

Job ID: 240-249407-1

Client Sample ID: TRIP BLANK_77

Lab Sample ID: 240-249407-1

Date Collected: 04/29/26 00:00

Matrix: Water

Date Received: 05/01/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	700852	LEE	EET CLE	05/07/26 17:53

Client Sample ID: MW-54S_042926

Lab Sample ID: 240-249407-2

Date Collected: 04/29/26 09:50

Matrix: Water

Date Received: 05/01/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	700820	TJL2	EET CLE	05/07/26 17:10
Total/NA	Analysis	8260D SIM		1	700754	MDH	EET CLE	05/07/26 05:57

Client Sample ID: MW-54_042926

Lab Sample ID: 240-249407-3

Date Collected: 04/29/26 10:55

Matrix: Water

Date Received: 05/01/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	700820	TJL2	EET CLE	05/07/26 10:53
Total/NA	Analysis	8260D SIM		1	700754	MDH	EET CLE	05/07/26 06:21

Client Sample ID: MW-53_042926

Lab Sample ID: 240-249407-4

Date Collected: 04/29/26 11:50

Matrix: Water

Date Received: 05/01/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	700820	TJL2	EET CLE	05/07/26 11:14
Total/NA	Analysis	8260D SIM		1	700754	MDH	EET CLE	05/07/26 06:44

Client Sample ID: MW-57_042926

Lab Sample ID: 240-249407-5

Date Collected: 04/29/26 12:45

Matrix: Water

Date Received: 05/01/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	700820	TJL2	EET CLE	05/07/26 11:35
Total/NA	Analysis	8260D SIM		1	700754	MDH	EET CLE	05/07/26 07:08

Client Sample ID: MW-64_042926

Lab Sample ID: 240-249407-6

Date Collected: 04/29/26 13:35

Matrix: Water

Date Received: 05/01/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	700820	TJL2	EET CLE	05/07/26 11:56
Total/NA	Analysis	8260D SIM		1	700837	MDH	EET CLE	05/07/26 15:04

Laboratory References:

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

Eurofins Cleveland

Accreditation/Certification Summary

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

Job ID: 240-249407-1

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 (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

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

[illegible]

Eurofins Cleveland Sample Receipt Form/Narrative Barberton Facility		Login # _____
Client <u>Acadix</u> Site Name _____		Cooler unpacked by <u>MS</u>
Cooler Received on <u>5/11/26</u> Opened on <u>5/11/26</u>		
FedEx: 1 st Grd Exp <u>UPS FAS Waypoint</u> Client Drop Off _____ Eurofins Courier _____ Other _____		
Receipt After-hours: Drop-off Date/Time _____ Storage Location _____		
Eurofins Cooler # <u>22</u> Foam Box _____ Client Cooler _____ Box _____ Other _____		
Packing material used <u>Bubble Wrap</u> <u>Foam</u> Plastic Bag _____ None _____ Other _____		
COOLANT: <u>Wet Ice</u> Blue Ice _____ Dry Ice _____ Water _____ None _____		
1 Cooler temperature upon receipt: ☐ See Multiple Cooler Form		
2. IR GUN # <u>1</u> (CF <u>10.2</u> °C) Observed Cooler Temp. <u>1.6</u> °C Corrected Cooler Temp. <u>1.5</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> No <u>NA</u> -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/Methg)? <u>Yes</u> No <u>NA</u> -Were tamper/custody seals intact and uncompromised? <u>Yes</u> No <u>NA</u>		
3 Shippers' packing slip attached to the cooler(s)? <u>Yes</u> No <u>NA</u> 4 Did custody papers accompany the sample(s)? <u>Yes</u> No <u>NA</u> 5 Were the custody papers relinquished & signed in the appropriate place? <u>Yes</u> No <u>NA</u> 6 Was/were the person(s) who collected the samples clearly identified on the COC? <u>Yes</u> No <u>NA</u> 7 Did all bottles arrive in good condition (Unbroken)? <u>Yes</u> No <u>NA</u> 8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? <u>Yes</u> No <u>NA</u> 9 For each sample, does the COC specify preservatives (P/N), # of containers (P/N), and sample type of grab/comp (P/N)? <u>Yes</u> No <u>NA</u> 10 Were correct bottle(s) used for the test(s) indicated? <u>Yes</u> No <u>NA</u> 11 Sufficient quantity received to perform indicated analyses? <u>Yes</u> No <u>NA</u> 12. Are these work share samples and all listed on the COC? <u>Yes</u> No <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> No <u>NA</u> pH Strip Lot# HC574455 14 Were VOAs on the COC? <u>Yes</u> No <u>NA</u> 15 Were air bubbles > 6 mm in any VOA vials? <u>Yes</u> No <u>NA</u> Larger than this <u>Yes</u> No <u>NA</u> 16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # <u>24015333</u> <u>Yes</u> No <u>NA</u> 17 Was a LL Hg or Me Hg trip blank present? <u>Yes</u> No <u>NA</u>		
Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____ Concerning _____		
18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page		Labeled by: <u>MS</u> 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 _____		

Temperature readings							
Client Sample ID	Lab ID	Container Type	Container	Preservation	Preservation		
			pH	Temp	Added	Lot Number	
TRIP BLANK_77	240-249407-A-1	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-54S_042926	240-249407-A-2	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-54S_042926	240-249407-B-2	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-54S_042926	240-249407-C-2	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-54S_042926	240-249407-D-2	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-54S_042926	240-249407-E-2	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-54S_042926	240-249407-F-2	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-54_042926	240-249407-A-3	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-54_042926	240-249407-B-3	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-54_042926	240-249407-C-3	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-54_042926	240-249407-D-3	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-54_042926	240-249407-E-3	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-54_042926	240-249407-F-3	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-53_042926	240-249407-A-4	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-53_042926	240-249407-B-4	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-53_042926	240-249407-C-4	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-53_042926	240-249407-D-4	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-53_042926	240-249407-E-4	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-53_042926	240-249407-F-4	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-57_042926	240-249407-A-5	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-57_042926	240-249407-B-5	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-57_042926	240-249407-C-5	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-57_042926	240-249407-D-5	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-57_042926	240-249407-E-5	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-57_042926	240-249407-F-5	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-64_042926	240-249407-A-6	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-64_042926	240-249407-B-6	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-64_042926	240-249407-C-6	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-64_042926	240-249407-D-6	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-64_042926	240-249407-E-6	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____
MW-64_042926	240-249407-F-6	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____	_____

DATA VERIFICATION REPORT



May 11, 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: 249407-1

Sample date: 2026-04-29

Report received by CADENA: 2026-05-11

Initial Data Verification completed by CADENA: 2026-05-11

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.

There were no significant QC anomalies or exceptions to report.

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: 249407-1

		Sample Name: TRIP BLANK_77				MW-54S_042926				MW-54_042926				MW-53_042926				MW-57_042926				MW-64_042926			
		Lab Sample ID: 2402494071				2402494072				2402494073				2402494074				2402494075				2402494076			
		Sample Date: 4/29/2026				4/29/2026				4/29/2026				4/29/2026				4/29/2026				4/29/2026			
Analyte	Cas No.	Report		Valid		Report		Valid		Report		Valid		Report		Valid		Report		Valid		Report		Valid	
		Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier
GC/MS VOC																									
OSW-8260D																									
1,1-Dichloroethene	75-35-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
cis-1,2-Dichloroethene	156-59-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	0.57	1.0	ug/l	J
Tetrachloroethene	127-18-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
trans-1,2-Dichloroethene	156-60-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Trichloroethene	79-01-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Vinyl chloride	75-01-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	0.53	1.0	ug/l	J	ND	1.0	ug/l	---	ND	1.0	ug/l	---	1.6	1.0	ug/l	---
OSW-8260DSIM																									
1,4-Dioxane	123-91-1					ND	2.0	ug/l	---	2.2	2.0	ug/l	---	1.1	2.0	ug/l	J	1.5	2.0	ug/l	J	ND	2.0	ug/l	---