

ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

Ford LTP

JOB NUMBER

240-243228-1

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: 240-243228-1

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

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Job Narrative 240-243228-1

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 2/12/2026 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 3.6°C.

GC/MS VOA

Method 8260D: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed outside the 7-day holding time specified for unpreserved samples but within the 14-day holding time specified for preserved samples: MW-19_020926 (240-243228-2).

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: 240-243228-1

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: 240-243228-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
240-243228-1	TRIP BLANK 55	Water	02/09/26 00:00	02/12/26 08:00	Michigan
240-243228-2	MW-19_020926	Water	02/09/26 10:00	02/12/26 08:00	Michigan
240-243228-3	MW-09_020926	Water	02/09/26 11:15	02/12/26 08:00	Michigan
240-243228-4	MW-14_020926	Water	02/09/26 12:25	02/12/26 08:00	Michigan
240-243228-5	DUP-02_020926	Water	02/09/26 00:00	02/12/26 08:00	Michigan

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Detection Summary

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

Job ID: 240-243228-1

Client Sample ID: TRIP BLANK 55

Lab Sample ID: 240-243228-1

No Detections.

Client Sample ID: MW-19_020926

Lab Sample ID: 240-243228-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	160		2.0	0.86	ug/L	1		8260D SIM	Total/NA
cis-1,2-Dichloroethene	0.50	J	1.0	0.46	ug/L	1		8260D	Total/NA
Trichloroethene	0.61	J	1.0	0.44	ug/L	1		8260D	Total/NA
Vinyl chloride	0.75	J	1.0	0.45	ug/L	1		8260D	Total/NA

Client Sample ID: MW-09_020926

Lab Sample ID: 240-243228-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	5.2		2.0	0.86	ug/L	1		8260D SIM	Total/NA
Vinyl chloride	1.8		1.0	0.45	ug/L	1		8260D	Total/NA

Client Sample ID: MW-14_020926

Lab Sample ID: 240-243228-4

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

Client Sample ID: DUP-02_020926

Lab Sample ID: 240-243228-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	150		2.0	0.86	ug/L	1		8260D SIM	Total/NA
Trichloroethene	0.47	J	1.0	0.44	ug/L	1		8260D	Total/NA
Vinyl chloride	0.66	J	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: 240-243228-1

Client Sample ID: TRIP BLANK 55

Lab Sample ID: 240-243228-1

Date Collected: 02/09/26 00:00

Matrix: Water

Date Received: 02/12/26 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			02/17/26 15:40	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/17/26 15:40	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/17/26 15:40	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/17/26 15:40	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/17/26 15:40	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/17/26 15:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		62 - 137		02/17/26 15:40	1
4-Bromofluorobenzene (Surr)	102		56 - 136		02/17/26 15:40	1
Toluene-d8 (Surr)	100		78 - 122		02/17/26 15:40	1
Dibromofluoromethane (Surr)	101		73 - 120		02/17/26 15:40	1

Client Sample Results

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

Job ID: 240-243228-1

Client Sample ID: MW-19_020926

Lab Sample ID: 240-243228-2

Date Collected: 02/09/26 10:00

Matrix: Water

Date Received: 02/12/26 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	160		2.0	0.86	ug/L			02/18/26 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		64 - 136					02/18/26 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			02/17/26 18:03	1
cis-1,2-Dichloroethene	0.50	J	1.0	0.46	ug/L			02/17/26 18:03	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/17/26 18:03	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/17/26 18:03	1
Trichloroethene	0.61	J	1.0	0.44	ug/L			02/17/26 18:03	1
Vinyl chloride	0.75	J	1.0	0.45	ug/L			02/17/26 18:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		62 - 137					02/17/26 18:03	1
4-Bromofluorobenzene (Surr)	103		56 - 136					02/17/26 18:03	1
Toluene-d8 (Surr)	102		78 - 122					02/17/26 18:03	1
Dibromofluoromethane (Surr)	103		73 - 120					02/17/26 18:03	1

Client Sample Results

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

Job ID: 240-243228-1

Client Sample ID: MW-09_020926

Lab Sample ID: 240-243228-3

Date Collected: 02/09/26 11:15

Matrix: Water

Date Received: 02/12/26 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	5.2		2.0	0.86	ug/L			02/18/26 12:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		64 - 136					02/18/26 12:33	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			02/17/26 18:26	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/17/26 18:26	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/17/26 18:26	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/17/26 18:26	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/17/26 18:26	1
Vinyl chloride	1.8		1.0	0.45	ug/L			02/17/26 18:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		62 - 137					02/17/26 18:26	1
4-Bromofluorobenzene (Surr)	105		56 - 136					02/17/26 18:26	1
Toluene-d8 (Surr)	101		78 - 122					02/17/26 18:26	1
Dibromofluoromethane (Surr)	100		73 - 120					02/17/26 18:26	1

Client Sample Results

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

Job ID: 240-243228-1

Client Sample ID: MW-14_020926

Lab Sample ID: 240-243228-4

Date Collected: 02/09/26 12:25

Matrix: Water

Date Received: 02/12/26 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	1.0	J	2.0	0.86	ug/L			02/18/26 12:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		64 - 136		02/18/26 12:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			02/17/26 18:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/17/26 18:50	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/17/26 18:50	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/17/26 18:50	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/17/26 18:50	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/17/26 18:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		62 - 137		02/17/26 18:50	1
4-Bromofluorobenzene (Surr)	102		56 - 136		02/17/26 18:50	1
Toluene-d8 (Surr)	98		78 - 122		02/17/26 18:50	1
Dibromofluoromethane (Surr)	100		73 - 120		02/17/26 18:50	1

Client Sample Results

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

Job ID: 240-243228-1

Client Sample ID: DUP-02_020926

Lab Sample ID: 240-243228-5

Date Collected: 02/09/26 00:00

Matrix: Water

Date Received: 02/12/26 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	150		2.0	0.86	ug/L			02/18/26 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		64 - 136					02/18/26 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			02/17/26 19:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/17/26 19:14	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/17/26 19:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/17/26 19:14	1
Trichloroethene	0.47	J	1.0	0.44	ug/L			02/17/26 19:14	1
Vinyl chloride	0.66	J	1.0	0.45	ug/L			02/17/26 19:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		62 - 137					02/17/26 19:14	1
4-Bromofluorobenzene (Surr)	106		56 - 136					02/17/26 19:14	1
Toluene-d8 (Surr)	104		78 - 122					02/17/26 19:14	1
Dibromofluoromethane (Surr)	100		73 - 120					02/17/26 19:14	1

Surrogate Summary

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

Job ID: 240-243228-1

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)
180-201632-I-1 MS	Matrix Spike	100	103	99	100
180-201632-I-1 MSD	Matrix Spike Duplicate	101	105	100	101
240-243228-1	TRIP BLANK 55	102	102	100	101
240-243228-2	MW-19_020926	104	103	102	103
240-243228-3	MW-09_020926	103	105	101	100
240-243228-4	MW-14_020926	101	102	98	100
240-243228-5	DUP-02_020926	103	106	104	100
LCS 240-690682/5	Lab Control Sample	100	101	98	100
MB 240-690682/9	Method Blank	102	101	99	99

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)
240-243220-F-2 MS	Matrix Spike	97
240-243220-F-2 MSD	Matrix Spike Duplicate	91
240-243228-2	MW-19_020926	93
240-243228-3	MW-09_020926	91
240-243228-4	MW-14_020926	91
240-243228-5	DUP-02_020926	93
LCS 240-690753/4	Lab Control Sample	92
MB 240-690753/6	Method Blank	98

Surrogate Legend

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

QC Sample Results

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

Job ID: 240-243228-1

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

Lab Sample ID: MB 240-690682/9
Matrix: Water
Analysis Batch: 690682

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			02/17/26 15:17	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/17/26 15:17	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/17/26 15:17	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/17/26 15:17	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/17/26 15:17	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/17/26 15:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		62 - 137		02/17/26 15:17	1
4-Bromofluorobenzene (Surr)	101		56 - 136		02/17/26 15:17	1
Toluene-d8 (Surr)	99		78 - 122		02/17/26 15:17	1
Dibromofluoromethane (Surr)	99		73 - 120		02/17/26 15:17	1

Lab Sample ID: LCS 240-690682/5
Matrix: Water
Analysis Batch: 690682

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	25.0	20.8		ug/L		83	63 - 134
cis-1,2-Dichloroethene	25.0	24.1		ug/L		97	77 - 123
Tetrachloroethene	25.0	23.9		ug/L		96	76 - 123
trans-1,2-Dichloroethene	25.0	22.9		ug/L		92	75 - 124
Trichloroethene	25.0	23.4		ug/L		94	70 - 122
Vinyl chloride	25.0	29.0		ug/L		116	60 - 144

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		62 - 137
4-Bromofluorobenzene (Surr)	101		56 - 136
Toluene-d8 (Surr)	98		78 - 122
Dibromofluoromethane (Surr)	100		73 - 120

Lab Sample ID: 180-201632-I-1 MS
Matrix: Water
Analysis Batch: 690682

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	50	U	1250	1100		ug/L		88	56 - 135
Tetrachloroethene	50	U	1250	1220		ug/L		98	62 - 131
Trichloroethene	50	U	1250	1220		ug/L		98	61 - 124
Vinyl chloride	50	U	1250	1430		ug/L		115	43 - 157

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		62 - 137
4-Bromofluorobenzene (Surr)	103		56 - 136
Toluene-d8 (Surr)	99		78 - 122
Dibromofluoromethane (Surr)	100		73 - 120

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QC Sample Results

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

Job ID: 240-243228-1

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

Lab Sample ID: 180-201632-I-1 MSD
Matrix: Water
Analysis Batch: 690682

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	50	U	1250	1160		ug/L		93	56 - 135	5	26
Tetrachloroethene	50	U	1250	1250		ug/L		100	62 - 131	2	20
Trichloroethene	50	U	1250	1260		ug/L		101	61 - 124	3	15
Vinyl chloride	50	U	1250	1570		ug/L		125	43 - 157	9	24

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
1,2-Dichloroethane-d4 (Surr)	101		62 - 137
4-Bromofluorobenzene (Surr)	105		56 - 136
Toluene-d8 (Surr)	100		78 - 122
Dibromofluoromethane (Surr)	101		73 - 120

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

Lab Sample ID: MB 240-690753/6
Matrix: Water
Analysis Batch: 690753

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			02/18/26 11:22	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		64 - 136		02/18/26 11:22	1

Lab Sample ID: LCS 240-690753/4
Matrix: Water
Analysis Batch: 690753

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	8.15		ug/L		82	68 - 120

Surrogate	LCS %Recovery	LCS Qualifier	LCS Limits
1,2-Dichloroethane-d4 (Surr)	92		64 - 136

Lab Sample ID: 240-243220-F-2 MS
Matrix: Water
Analysis Batch: 690753

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	8.60		ug/L		86	45 - 145

Surrogate	MS %Recovery	MS Qualifier	MS Limits
1,2-Dichloroethane-d4 (Surr)	97		64 - 136

QC Sample Results

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

Job ID: 240-243228-1

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

Lab Sample ID: 240-243220-F-2 MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 690753

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	8.68		ug/L		87	45 - 145	1	19
Surrogate	%Recovery	MSD Qualifier	MSD Limits								
1,2-Dichloroethane-d4 (Surr)	91		64 - 136								

QC Association Summary

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

Job ID: 240-243228-1

GC/MS VOA

Analysis Batch: 690682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-243228-1	TRIP BLANK 55	Total/NA	Water	8260D	
240-243228-2	MW-19_020926	Total/NA	Water	8260D	
240-243228-3	MW-09_020926	Total/NA	Water	8260D	
240-243228-4	MW-14_020926	Total/NA	Water	8260D	
240-243228-5	DUP-02_020926	Total/NA	Water	8260D	
MB 240-690682/9	Method Blank	Total/NA	Water	8260D	
LCS 240-690682/5	Lab Control Sample	Total/NA	Water	8260D	
180-201632-I-1 MS	Matrix Spike	Total/NA	Water	8260D	
180-201632-I-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Analysis Batch: 690753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-243228-2	MW-19_020926	Total/NA	Water	8260D SIM	
240-243228-3	MW-09_020926	Total/NA	Water	8260D SIM	
240-243228-4	MW-14_020926	Total/NA	Water	8260D SIM	
240-243228-5	DUP-02_020926	Total/NA	Water	8260D SIM	
MB 240-690753/6	Method Blank	Total/NA	Water	8260D SIM	
LCS 240-690753/4	Lab Control Sample	Total/NA	Water	8260D SIM	
240-243220-F-2 MS	Matrix Spike	Total/NA	Water	8260D SIM	
240-243220-F-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D SIM	

Lab Chronicle

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

Job ID: 240-243228-1

Client Sample ID: TRIP BLANK 55

Lab Sample ID: 240-243228-1

Date Collected: 02/09/26 00:00

Matrix: Water

Date Received: 02/12/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	690682	HMB	EET CLE	02/17/26 15:40

Client Sample ID: MW-19_020926

Lab Sample ID: 240-243228-2

Date Collected: 02/09/26 10:00

Matrix: Water

Date Received: 02/12/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	690682	HMB	EET CLE	02/17/26 18:03
Total/NA	Analysis	8260D SIM		1	690753	LEE	EET CLE	02/18/26 12:09

Client Sample ID: MW-09_020926

Lab Sample ID: 240-243228-3

Date Collected: 02/09/26 11:15

Matrix: Water

Date Received: 02/12/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	690682	HMB	EET CLE	02/17/26 18:26
Total/NA	Analysis	8260D SIM		1	690753	LEE	EET CLE	02/18/26 12:33

Client Sample ID: MW-14_020926

Lab Sample ID: 240-243228-4

Date Collected: 02/09/26 12:25

Matrix: Water

Date Received: 02/12/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	690682	HMB	EET CLE	02/17/26 18:50
Total/NA	Analysis	8260D SIM		1	690753	LEE	EET CLE	02/18/26 12:56

Client Sample ID: DUP-02_020926

Lab Sample ID: 240-243228-5

Date Collected: 02/09/26 00:00

Matrix: Water

Date Received: 02/12/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	690682	HMB	EET CLE	02/17/26 19:14
Total/NA	Analysis	8260D SIM		1	690753	LEE	EET CLE	02/18/26 13:20

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 240-243228-1

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	02-27-26
Illinois	NELAP	200004	08-31-26
Iowa	State	421	06-01-27
Kentucky (UST)	State	112225	02-27-26
Kentucky (WW)	State	KY98016	12-31-26
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	04-01-26
North Dakota	State	R-244	02-27-26
Ohio	State	8303	02-27-26
Ohio VAP	State	ORELAP 4062	02-27-26
Oregon	NELAP	4062	02-27-26
Pennsylvania	NELAP	68-00340	08-31-26
Texas	NELAP	T104704517	08-31-26
US Fish & Wildlife	US Federal Programs	A26406	02-28-26
USDA	US Federal Programs	525-24-5-34740	01-05-27
Virginia	NELAP	460175	09-30-26
West Virginia DEP	State	210	12-31-25 *
Wisconsin	State	399167560	08-31-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.



Chain of Custody Record

1/7 243228

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

Client Contact		Regulatory program: <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input type="checkbox"/> Other										TestAmerica Laboratories, Inc.													
Company Name: Arcadis		Client Project Manager: Megan Meckley			Site Contact: Samantha Szpalchier			Lab Contact: Mike DelMonico				COC No:													
Address: 28550 Cabot Drive, Suite 500		Telephone: 248-994-2240			Telephone: 248-994-2240			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: <i>Jeremy Myers</i>			TAT if different from below							Walk-in client													
Project Name: Ford LTP		Method of Shipment/Carrier:			10 day <input checked="" type="checkbox"/> 3 weeks <input type="checkbox"/>							Lab sampling													
Project Number: 30309849.401.04		Shipping/Tracking No:			<input type="checkbox"/> 2 weeks <input type="checkbox"/>							Job/SDG No:													
PO # US <i>3460029524</i>					<input type="checkbox"/> 1 week <input type="checkbox"/>																				
					<input type="checkbox"/> 2 days <input type="checkbox"/>																				
					<input type="checkbox"/> 1 day <input type="checkbox"/>																				
Sample Identification	Sample Date	Sample Time	Matrix					Containers & Preservatives					Filtered Sample (Y/N)	Composite=C/Grab=G	Analyses								Sample Specific Notes / Special Instructions:		
			Air	Aqueous	Sediment	Solid	Other:	H2SO4	HNO3	HCl	NaOH	ZnAc			NaOH	Unpres	Other:	1,1-DCE 8260D	cis-1,2-DCE 8260D	Trans-1,2-DCE 8260D	PCE 8260D	TCE 8260D		Vinyl Chloride 8260D	1,4-Dioxane 8260D SIM
TRIP BLANK_55	—	—	1						1					NG	X	X	X	X	X	X					1 Trip Blank
MW-19_020926	02/09/26	10:00	G						G					MG	X	X	X	X	X	X					3 VOAs for 8260D 3 VOAs for 8260D SIM
MW-09_020926	02/09/26	11:15	G						G					MG	X	X	X	X	X	X					
MW-14_020926	02/09/26	12:25	G						G					MG	X	X	X	X	X	X					
DUP-02	02/09/26	-	G						G					MG	X	X	X	X	X	X					3 VOAs for 8260D 3 VOAs for 8260D SIM
Possible Hazard Identification			Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																						
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown			<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For <input type="checkbox"/> Months																						
Special Instructions/QC Requirements & Comments: <i>Onsite</i>																									
Submit all results through Cadena at jtomalla@cadenaco.com , Cadena #E203728																									
Level IV Reporting requested.																									
Relinquished by: <i>[Signature]</i>	Company: Arcadis	Date/Time: 02/09/26 14:15	Received by: <i>[Signature]</i>	Company: Arcadis	Date/Time: 02/09/26 14:15																				
Relinquished by: <i>[Signature]</i>	Company: ARCADIS	Date/Time: 2/11/26 12:50	Received by: <i>[Signature]</i>	Company: VETA	Date/Time: 2/12/26 12:50																				
Relinquished by: <i>[Signature]</i>	Company: VETA	Date/Time: 2/11/26 13:00	Received in Laboratory by: <i>[Signature]</i>	Company: ECK	Date/Time: 2/12/26 8:00																				



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Eurofins - Cleveland Sample Receipt Form/Narrative Login # _____
 Barberton Facility

Client Accelsis Site Name _____ Cooler unpacked by: MS/S
 Cooler Received on 2-12-22 Opened on 2-12-22

FedEx 1st Grd Exp UPS PAS Waypoint Client Drop Off Eurofins Courier Other _____
 Receipt After-hours Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # _____ Foam Box Client Cooler Box Other _____
 Packing material used: Bubble Wrap Foam Plastic Bag None Other _____
 COOLANT: Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt See Multiple Cooler Form
 IR GUN # 17 (CF +) 5 °C Observed Cooler Temp 3.1 °C Corrected Cooler Temp 3.6 °C

2. Were tamper/oustody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
 -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
 -Were tamper/oustody seals on the bottle(s) or bottle kits (LLHg/MelHg)? Yes No

-Were tamper/oustody seals intact and uncompromised? Yes No NA
 3 Shippers' packing slip attached to the cooler(s)? Yes No NA
 4 Did custody papers accompany the sample(s)? Yes No NA
 5 Were the custody papers relinquished & signed in the appropriate place? Yes No NA
 6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No NA

7 Did all bottles arrive in good condition (Unbroken)? Yes No NA
 8 Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No NA
 9 For each sample, does the COC specify preservative (N), # of containers (N), and sample type of grab/comp (N)? Yes No NA

10 Were correct bottle(s) used for the test(s) indicated? Yes No NA
 11 Sufficient quantity received to perform indicated analyses? Yes No NA
 12. Are these work share samples and all listed on the COC? Yes No NA

If yes, Questions 13-17 have been checked at the originating laboratory
 13 Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HCS67196
 14 Were VOAs on the COC? Yes No NA
 15 Were air bubbles >6 mm in any VOA vials? Yes No NA Larger than this

16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # C222901T Yes No NA
 17 Was a LL Hg or Me Hg trip blank present? Yes No NA

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
2/19/22 JOC

2/19/22
ML

DATA VERIFICATION REPORT



February 19, 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 LTP
Event Specific Scope of Work References: Sample COC
Laboratory: Eurofins Environment Testing LLC - Cleveland
Laboratory submittal: 243228-1
Sample date: 2026-02-09
Report received by CADENA: 2026-02-19
Initial Data Verification completed by CADENA: 2026-02-19
Number of Samples:5
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:

HTQ - GCMS VOC sample -002 analyses were performed outside of reference holding time so all associated results should be considered to be estimated and qualified with J flags if detected and UJ flags if non-detect.

Sample/MS/MSD Surrogate Recovery, Blank/LCS Surrogate Recovery, LCS/LCD Recovery, 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.

Qualified Results Summary

CADENA Project ID: E203728

Laboratory: Eurofins Environment Testing LLC - Cleveland

Laboratory Submittal: 243228-1

Sample Name: MW-19_020926

Lab Sample ID: 2402432282

Sample Date: 2/9/2026

Analyte	Cas No.	Report		Valid		
		Result	Limit	Units	Qualifier	
GC/MS VOC						
<u>OSW-8260D</u>						
1,1-Dichloroethene	75-35-4	ND	1.0	ug/l	UJ	
cis-1,2-Dichloroethene	156-59-2	0.50	1.0	ug/l	J	
Tetrachloroethene	127-18-4	ND	1.0	ug/l	UJ	
trans-1,2-Dichloroethene	156-60-5	ND	1.0	ug/l	UJ	
Trichloroethene	79-01-6	0.61	1.0	ug/l	J	
Vinyl chloride	75-01-4	0.75	1.0	ug/l	J	

Analytical Results Summary

CADENA Project ID: E203728

Laboratory: Eurofins Environment Testing LLC - Cleveland

Laboratory Submittal: 243228-1

Analyte	Cas No.	Sample Name: TRIP BLANK 55				MW-19_020926				MW-09_020926				MW-14_020926				DUP-02_020926			
		Lab Sample ID: 2402432281				2402432282				2402432283				2402432284				2402432285			
		Sample Date: 2/9/2026				2/9/2026				2/9/2026				2/9/2026				2/9/2026			
		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
GC/MSVOC																					
<u>OSW-8260D</u>																					
1,1-Dichloroethene	75-35-4	ND	1.0	ug/l	---	ND	1.0	ug/l	UJ	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	---	0.50	1.0	ug/l	J	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Tetrachloroethene	127-18-4	ND	1.0	ug/l	---	ND	1.0	ug/l	UJ	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	UJ	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Trichloroethene	79-01-6	ND	1.0	ug/l	---	0.61	1.0	ug/l	J	ND	1.0	ug/l	---	ND	1.0	ug/l	---	0.47	1.0	ug/l	J
Vinyl chloride	75-01-4	ND	1.0	ug/l	---	0.75	1.0	ug/l	J	1.8	1.0	ug/l	---	ND	1.0	ug/l	---	0.66	1.0	ug/l	J
<u>OSW-8260DSIM</u>																					
1,4-Dioxane	123-91-1					160	2.0	ug/l	---	5.2	2.0	ug/l	---	1.0	2.0	ug/l	J	150	2.0	ug/l	---