

ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

Ford LTP

JOB NUMBER

240-244350-1

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: 240-244350-1

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: 240-244350-1

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Job Narrative 240-244350-1

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 2/28/2026 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.0°C and 1.8°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: 240-244350-1

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

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- 14

Sample Summary

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

Job ID: 240-244350-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
240-244350-1	TRIP BLANK_122	Water	02/26/26 00:00	02/28/26 08:00	Michigan
240-244350-2	MW-25_022626	Water	02/26/26 09:50	02/28/26 08:00	Michigan
240-244350-3	MW-23_022626	Water	02/26/26 12:45	02/28/26 08:00	Michigan
240-244350-4	PW-16-01_022626	Water	02/26/26 14:05	02/28/26 08:00	Michigan
240-244350-5	DUP-03	Water	02/26/26 00:00	02/28/26 08:00	Michigan

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Detection Summary

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

Job ID: 240-244350-1

Client Sample ID: TRIP BLANK_122

Lab Sample ID: 240-244350-1

No Detections.

Client Sample ID: MW-25_022626

Lab Sample ID: 240-244350-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	4.0		2.0	0.86	ug/L	1		8260D SIM	Total/NA

Client Sample ID: MW-23_022626

Lab Sample ID: 240-244350-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	1.8		1.0	0.49	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	1400		100	46	ug/L	100		8260D	Total/NA
trans-1,2-Dichloroethene	91	J	100	51	ug/L	100		8260D	Total/NA
Trichloroethene	130		100	44	ug/L	100		8260D	Total/NA
Vinyl chloride	47		1.0	0.45	ug/L	1		8260D	Total/NA

Client Sample ID: PW-16-01_022626

Lab Sample ID: 240-244350-4

No Detections.

Client Sample ID: DUP-03

Lab Sample ID: 240-244350-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	1.8		1.0	0.49	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	1200		100	46	ug/L	100		8260D	Total/NA
trans-1,2-Dichloroethene	78	J	100	51	ug/L	100		8260D	Total/NA
Trichloroethene	120		100	44	ug/L	100		8260D	Total/NA
Vinyl chloride	45		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: 240-244350-1

Client Sample ID: TRIP BLANK_122

Lab Sample ID: 240-244350-1

Date Collected: 02/26/26 00:00

Matrix: Water

Date Received: 02/28/26 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			03/04/26 17:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			03/04/26 17:20	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			03/04/26 17:20	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			03/04/26 17:20	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			03/04/26 17:20	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			03/04/26 17:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		62 - 137		03/04/26 17:20	1
4-Bromofluorobenzene (Surr)	98		56 - 136		03/04/26 17:20	1
Toluene-d8 (Surr)	91		78 - 122		03/04/26 17:20	1
Dibromofluoromethane (Surr)	104		73 - 120		03/04/26 17:20	1

Client Sample Results

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

Job ID: 240-244350-1

Client Sample ID: MW-25_022626

Lab Sample ID: 240-244350-2

Date Collected: 02/26/26 09:50

Matrix: Water

Date Received: 02/28/26 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	4.0		2.0	0.86	ug/L			03/09/26 11:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		64 - 136					03/09/26 11:57	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			03/04/26 20:24	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			03/04/26 20:24	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			03/04/26 20:24	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			03/04/26 20:24	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			03/04/26 20:24	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			03/04/26 20:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		62 - 137					03/04/26 20:24	1
4-Bromofluorobenzene (Surr)	92		56 - 136					03/04/26 20:24	1
Toluene-d8 (Surr)	103		78 - 122					03/04/26 20:24	1
Dibromofluoromethane (Surr)	94		73 - 120					03/04/26 20:24	1

Client Sample Results

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

Job ID: 240-244350-1

Client Sample ID: MW-23_022626

Lab Sample ID: 240-244350-3

Date Collected: 02/26/26 12:45

Matrix: Water

Date Received: 02/28/26 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			03/09/26 12:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		64 - 136					03/09/26 12:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.8		1.0	0.49	ug/L			03/04/26 20:46	1
cis-1,2-Dichloroethene	1400		100	46	ug/L			03/05/26 13:56	100
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			03/04/26 20:46	1
trans-1,2-Dichloroethene	91	J	100	51	ug/L			03/05/26 13:56	100
Trichloroethene	130		100	44	ug/L			03/05/26 13:56	100
Vinyl chloride	47		1.0	0.45	ug/L			03/04/26 20:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		62 - 137					03/04/26 20:46	1
1,2-Dichloroethane-d4 (Surr)	106		62 - 137					03/05/26 13:56	100
4-Bromofluorobenzene (Surr)	92		56 - 136					03/04/26 20:46	1
4-Bromofluorobenzene (Surr)	90		56 - 136					03/05/26 13:56	100
Toluene-d8 (Surr)	100		78 - 122					03/04/26 20:46	1
Toluene-d8 (Surr)	101		78 - 122					03/05/26 13:56	100
Dibromofluoromethane (Surr)	98		73 - 120					03/04/26 20:46	1
Dibromofluoromethane (Surr)	99		73 - 120					03/05/26 13:56	100

Client Sample Results

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

Job ID: 240-244350-1

Client Sample ID: PW-16-01_022626

Lab Sample ID: 240-244350-4

Date Collected: 02/26/26 14:05

Matrix: Water

Date Received: 02/28/26 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			03/09/26 12:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		64 - 136					03/09/26 12:43	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			03/04/26 21:08	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			03/05/26 13:34	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			03/04/26 21:08	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			03/05/26 13:34	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			03/05/26 13:34	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			03/04/26 21:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		62 - 137					03/04/26 21:08	1
1,2-Dichloroethane-d4 (Surr)	101		62 - 137					03/05/26 13:34	1
4-Bromofluorobenzene (Surr)	92		56 - 136					03/04/26 21:08	1
4-Bromofluorobenzene (Surr)	93		56 - 136					03/05/26 13:34	1
Toluene-d8 (Surr)	103		78 - 122					03/04/26 21:08	1
Toluene-d8 (Surr)	101		78 - 122					03/05/26 13:34	1
Dibromofluoromethane (Surr)	96		73 - 120					03/04/26 21:08	1
Dibromofluoromethane (Surr)	97		73 - 120					03/05/26 13:34	1

Client Sample Results

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

Job ID: 240-244350-1

Client Sample ID: DUP-03

Lab Sample ID: 240-244350-5

Date Collected: 02/26/26 00:00

Matrix: Water

Date Received: 02/28/26 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			03/09/26 13:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		64 - 136					03/09/26 13:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.8		1.0	0.49	ug/L			03/04/26 21:31	1
cis-1,2-Dichloroethene	1200		100	46	ug/L			03/05/26 14:18	100
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			03/04/26 21:31	1
trans-1,2-Dichloroethene	78	J	100	51	ug/L			03/05/26 14:18	100
Trichloroethene	120		100	44	ug/L			03/05/26 14:18	100
Vinyl chloride	45		1.0	0.45	ug/L			03/04/26 21:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		62 - 137					03/04/26 21:31	1
1,2-Dichloroethane-d4 (Surr)	100		62 - 137					03/05/26 14:18	100
4-Bromofluorobenzene (Surr)	95		56 - 136					03/04/26 21:31	1
4-Bromofluorobenzene (Surr)	92		56 - 136					03/05/26 14:18	100
Toluene-d8 (Surr)	103		78 - 122					03/04/26 21:31	1
Toluene-d8 (Surr)	101		78 - 122					03/05/26 14:18	100
Dibromofluoromethane (Surr)	98		73 - 120					03/04/26 21:31	1
Dibromofluoromethane (Surr)	96		73 - 120					03/05/26 14:18	100

Surrogate Summary

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

Job ID: 240-244350-1

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)
240-243993-C-21 MS	Matrix Spike	98	108	95	94
240-243993-C-21 MSD	Matrix Spike Duplicate	98	108	95	95
240-244309-E-3 MS	Matrix Spike	101	95	100	101
240-244309-E-3 MSD	Matrix Spike Duplicate	102	96	101	103
240-244350-1	TRIP BLANK_122	106	98	91	104
240-244350-2	MW-25_022626	98	92	103	94
240-244350-3	MW-23_022626	101	92	100	98
240-244350-3	MW-23_022626	106	90	101	99
240-244350-4	PW-16-01_022626	101	92	103	96
240-244350-4	PW-16-01_022626	101	93	101	97
240-244350-5	DUP-03	102	95	103	98
240-244350-5	DUP-03	100	92	101	96
240-244372-C-2 MS	Matrix Spike	105	95	101	102
240-244372-C-2 MSD	Matrix Spike Duplicate	90	96	102	98
LCS 240-692269/4	Lab Control Sample	97	113	98	92
LCS 240-692272/3	Lab Control Sample	101	97	99	102
LCS 240-692462/3	Lab Control Sample	101	96	102	106
MB 240-692269/8	Method Blank	107	100	92	104
MB 240-692272/7	Method Blank	103	93	103	95
MB 240-692462/7	Method Blank	100	90	97	95

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)
240-244350-2	MW-25_022626	102
240-244350-3	MW-23_022626	98
240-244350-4	PW-16-01_022626	103
240-244350-5	DUP-03	104
240-244350-5 MS	DUP-03	98
240-244350-5 MSD	DUP-03	100
LCS 240-692836/3	Lab Control Sample	106
MB 240-692836/5	Method Blank	99

Surrogate Legend

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

QC Sample Results

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

Job ID: 240-244350-1

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

Lab Sample ID: MB 240-692269/8

Matrix: Water

Analysis Batch: 692269

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			03/04/26 11:35	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			03/04/26 11:35	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			03/04/26 11:35	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			03/04/26 11:35	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			03/04/26 11:35	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			03/04/26 11:35	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	107		62 - 137		03/04/26 11:35	1
4-Bromofluorobenzene (Surr)	100		56 - 136		03/04/26 11:35	1
Toluene-d8 (Surr)	92		78 - 122		03/04/26 11:35	1
Dibromofluoromethane (Surr)	104		73 - 120		03/04/26 11:35	1

Lab Sample ID: LCS 240-692269/4

Matrix: Water

Analysis Batch: 692269

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	25.0	24.2		ug/L		97	77 - 123
Tetrachloroethene	25.0	24.7		ug/L		99	76 - 123
trans-1,2-Dichloroethene	25.0	23.3		ug/L		93	75 - 124
Trichloroethene	25.0	23.7		ug/L		95	70 - 122
Vinyl chloride	12.5	9.46		ug/L		76	60 - 144

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	97		62 - 137
4-Bromofluorobenzene (Surr)	113		56 - 136
Toluene-d8 (Surr)	98		78 - 122
Dibromofluoromethane (Surr)	92		73 - 120

Lab Sample ID: 240-243993-C-21 MS

Matrix: Water

Analysis Batch: 692269

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
Tetrachloroethene	4.0	U	100	77.4		ug/L		77	62 - 131
trans-1,2-Dichloroethene	4.0	U	100	85.6		ug/L		86	56 - 136
Trichloroethene	31		100	111		ug/L		80	61 - 124
Vinyl chloride	19		50.0	47.2		ug/L		56	43 - 157

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	98		62 - 137
4-Bromofluorobenzene (Surr)	108		56 - 136
Toluene-d8 (Surr)	95		78 - 122
Dibromofluoromethane (Surr)	94		73 - 120

QC Sample Results

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

Job ID: 240-244350-1

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

Lab Sample ID: 240-243993-C-21 MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 692269

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
cis-1,2-Dichloroethene	130		100	207		ug/L		80	66 - 128	4	14
Tetrachloroethene	4.0	U	100	87.3		ug/L		87	62 - 131	12	20
trans-1,2-Dichloroethene	4.0	U	100	91.8		ug/L		92	56 - 136	7	15
Trichloroethene	31		100	114		ug/L		83	61 - 124	3	15
Vinyl chloride	19		50.0	49.1		ug/L		60	43 - 157	4	24
MSD MSD											
Surrogate	%Recovery	Qualifier	Limits								
1,2-Dichloroethane-d4 (Surr)	98		62 - 137								
4-Bromofluorobenzene (Surr)	108		56 - 136								
Toluene-d8 (Surr)	95		78 - 122								
Dibromofluoromethane (Surr)	95		73 - 120								

Lab Sample ID: MB 240-692272/7

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 692272

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
	Result	Qualifier								
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			03/04/26 14:08	1	
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			03/04/26 14:08	1	
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			03/04/26 14:08	1	
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			03/04/26 14:08	1	
Trichloroethene	1.0	U	1.0	0.44	ug/L			03/04/26 14:08	1	
Vinyl chloride	1.0	U	1.0	0.45	ug/L			03/04/26 14:08	1	
MB MB										
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
1,2-Dichloroethane-d4 (Surr)	103		62 - 137		03/04/26 14:08	1				
4-Bromofluorobenzene (Surr)	93		56 - 136		03/04/26 14:08	1				
Toluene-d8 (Surr)	103		78 - 122		03/04/26 14:08	1				
Dibromofluoromethane (Surr)	95		73 - 120		03/04/26 14:08	1				

Lab Sample ID: LCS 240-692272/3

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 692272

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec
		Result	Qualifier				Limits
1,1-Dichloroethene	25.0	24.3		ug/L		97	63 - 134
cis-1,2-Dichloroethene	25.0	24.2		ug/L		97	77 - 123
Tetrachloroethene	25.0	22.9		ug/L		92	76 - 123
trans-1,2-Dichloroethene	25.0	22.9		ug/L		92	75 - 124
Trichloroethene	25.0	23.9		ug/L		96	70 - 122
Vinyl chloride	25.0	25.1		ug/L		101	60 - 144
LCS LCS							
Surrogate	%Recovery	Qualifier	Limits				
1,2-Dichloroethane-d4 (Surr)	101		62 - 137				
4-Bromofluorobenzene (Surr)	97		56 - 136				
Toluene-d8 (Surr)	99		78 - 122				
Dibromofluoromethane (Surr)	102		73 - 120				

Eurofins Cleveland

QC Sample Results

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

Job ID: 240-244350-1

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

Lab Sample ID: 240-244309-E-3 MS
Matrix: Water
Analysis Batch: 692272

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	101		62 - 137
4-Bromofluorobenzene (Surr)	95		56 - 136
Toluene-d8 (Surr)	100		78 - 122
Dibromofluoromethane (Surr)	101		73 - 120

Lab Sample ID: 240-244309-E-3 MSD
Matrix: Water
Analysis Batch: 692272

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	102		62 - 137
4-Bromofluorobenzene (Surr)	96		56 - 136
Toluene-d8 (Surr)	101		78 - 122
Dibromofluoromethane (Surr)	103		73 - 120

Lab Sample ID: MB 240-692462/7
Matrix: Water
Analysis Batch: 692462

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			03/05/26 12:27	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			03/05/26 12:27	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			03/05/26 12:27	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			03/05/26 12:27	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			03/05/26 12:27	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			03/05/26 12:27	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	100		62 - 137		03/05/26 12:27	1
4-Bromofluorobenzene (Surr)	90		56 - 136		03/05/26 12:27	1
Toluene-d8 (Surr)	97		78 - 122		03/05/26 12:27	1
Dibromofluoromethane (Surr)	95		73 - 120		03/05/26 12:27	1

Lab Sample ID: LCS 240-692462/3
Matrix: Water
Analysis Batch: 692462

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	25.0	26.0		ug/L		104	77 - 123
Tetrachloroethene	25.0	26.0		ug/L		104	76 - 123
trans-1,2-Dichloroethene	25.0	24.6		ug/L		98	75 - 124
Trichloroethene	25.0	25.9		ug/L		104	70 - 122
Vinyl chloride	25.0	26.1		ug/L		104	60 - 144

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	101		62 - 137

Eurofins Cleveland

QC Sample Results

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

Job ID: 240-244350-1

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

Lab Sample ID: LCS 240-692462/3

Matrix: Water

Analysis Batch: 692462

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	96		56 - 136
Toluene-d8 (Surr)	102		78 - 122
Dibromofluoromethane (Surr)	106		73 - 120

Lab Sample ID: 240-244372-C-2 MS

Matrix: Water

Analysis Batch: 692462

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier	Added	Result	Qualifier				
1,1-Dichloroethene	1.0	U	25.0	23.8		ug/L		95	56 - 135
cis-1,2-Dichloroethene	0.73	J	25.0	24.9		ug/L		97	66 - 128
Tetrachloroethene	1.0	U	25.0	24.1		ug/L		96	62 - 131
trans-1,2-Dichloroethene	1.0	U	25.0	22.8		ug/L		91	56 - 136
Trichloroethene	1.0	U	25.0	23.9		ug/L		96	61 - 124
Vinyl chloride	1.3		25.0	24.7		ug/L		94	43 - 157

Surrogate	MS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	105		62 - 137
4-Bromofluorobenzene (Surr)	95		56 - 136
Toluene-d8 (Surr)	101		78 - 122
Dibromofluoromethane (Surr)	102		73 - 120

Lab Sample ID: 240-244372-C-2 MSD

Matrix: Water

Analysis Batch: 692462

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1-Dichloroethene	1.0	U	25.0	23.8		ug/L		95	56 - 135	0	26
cis-1,2-Dichloroethene	0.73	J	25.0	22.7		ug/L		88	66 - 128	9	14
Tetrachloroethene	1.0	U	25.0	24.0		ug/L		96	62 - 131	0	20
trans-1,2-Dichloroethene	1.0	U	25.0	23.3		ug/L		93	56 - 136	3	15
Trichloroethene	1.0	U	25.0	23.2		ug/L		93	61 - 124	3	15
Vinyl chloride	1.3		25.0	27.7		ug/L		106	43 - 157	12	24

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	90		62 - 137
4-Bromofluorobenzene (Surr)	96		56 - 136
Toluene-d8 (Surr)	102		78 - 122
Dibromofluoromethane (Surr)	98		73 - 120

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

Lab Sample ID: MB 240-692836/5

Matrix: Water

Analysis Batch: 692836

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			03/09/26 11:33	1

Eurofins Cleveland

QC Sample Results

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

Job ID: 240-244350-1

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

Lab Sample ID: MB 240-692836/5

Matrix: Water

Analysis Batch: 692836

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	99		64 - 136		03/09/26 11:33	1

Lab Sample ID: LCS 240-692836/3

Matrix: Water

Analysis Batch: 692836

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	7.96		ug/L		80	68 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	106		64 - 136

Lab Sample ID: 240-244350-5 MS

Matrix: Water

Analysis Batch: 692836

Client Sample ID: DUP-03

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	9.10		ug/L		91	45 - 145

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	98		64 - 136

Lab Sample ID: 240-244350-5 MSD

Matrix: Water

Analysis Batch: 692836

Client Sample ID: DUP-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
1,4-Dioxane	2.0	U	10.0	8.40		ug/L		84	45 - 145	8	19

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	100		64 - 136

QC Association Summary

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

Job ID: 240-244350-1

GC/MS VOA

Analysis Batch: 692269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-244350-1	TRIP BLANK_122	Total/NA	Water	8260D	
MB 240-692269/8	Method Blank	Total/NA	Water	8260D	
LCS 240-692269/4	Lab Control Sample	Total/NA	Water	8260D	
240-243993-C-21 MS	Matrix Spike	Total/NA	Water	8260D	
240-243993-C-21 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Analysis Batch: 692272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-244350-2	MW-25_022626	Total/NA	Water	8260D	
240-244350-3	MW-23_022626	Total/NA	Water	8260D	
240-244350-4	PW-16-01_022626	Total/NA	Water	8260D	
240-244350-5	DUP-03	Total/NA	Water	8260D	
MB 240-692272/7	Method Blank	Total/NA	Water	8260D	
LCS 240-692272/3	Lab Control Sample	Total/NA	Water	8260D	
240-244309-E-3 MS	Matrix Spike	Total/NA	Water	8260D	
240-244309-E-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Analysis Batch: 692462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-244350-3	MW-23_022626	Total/NA	Water	8260D	
240-244350-4	PW-16-01_022626	Total/NA	Water	8260D	
240-244350-5	DUP-03	Total/NA	Water	8260D	
MB 240-692462/7	Method Blank	Total/NA	Water	8260D	
LCS 240-692462/3	Lab Control Sample	Total/NA	Water	8260D	
240-244372-C-2 MS	Matrix Spike	Total/NA	Water	8260D	
240-244372-C-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Analysis Batch: 692836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-244350-2	MW-25_022626	Total/NA	Water	8260D SIM	
240-244350-3	MW-23_022626	Total/NA	Water	8260D SIM	
240-244350-4	PW-16-01_022626	Total/NA	Water	8260D SIM	
240-244350-5	DUP-03	Total/NA	Water	8260D SIM	
MB 240-692836/5	Method Blank	Total/NA	Water	8260D SIM	
LCS 240-692836/3	Lab Control Sample	Total/NA	Water	8260D SIM	
240-244350-5 MS	DUP-03	Total/NA	Water	8260D SIM	
240-244350-5 MSD	DUP-03	Total/NA	Water	8260D SIM	

Lab Chronicle

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

Job ID: 240-244350-1

Client Sample ID: TRIP BLANK_122

Lab Sample ID: 240-244350-1

Date Collected: 02/26/26 00:00

Matrix: Water

Date Received: 02/28/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	692269	LEE	EET CLE	03/04/26 17:20

Client Sample ID: MW-25_022626

Lab Sample ID: 240-244350-2

Date Collected: 02/26/26 09:50

Matrix: Water

Date Received: 02/28/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	692272	LEE	EET CLE	03/04/26 20:24
Total/NA	Analysis	8260D SIM		1	692836	MDH	EET CLE	03/09/26 11:57

Client Sample ID: MW-23_022626

Lab Sample ID: 240-244350-3

Date Collected: 02/26/26 12:45

Matrix: Water

Date Received: 02/28/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	692272	LEE	EET CLE	03/04/26 20:46
Total/NA	Analysis	8260D		100	692462	LEE	EET CLE	03/05/26 13:56
Total/NA	Analysis	8260D SIM		1	692836	MDH	EET CLE	03/09/26 12:20

Client Sample ID: PW-16-01_022626

Lab Sample ID: 240-244350-4

Date Collected: 02/26/26 14:05

Matrix: Water

Date Received: 02/28/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	692272	LEE	EET CLE	03/04/26 21:08
Total/NA	Analysis	8260D		1	692462	LEE	EET CLE	03/05/26 13:34
Total/NA	Analysis	8260D SIM		1	692836	MDH	EET CLE	03/09/26 12:43

Client Sample ID: DUP-03

Lab Sample ID: 240-244350-5

Date Collected: 02/26/26 00:00

Matrix: Water

Date Received: 02/28/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	692272	LEE	EET CLE	03/04/26 21:31
Total/NA	Analysis	8260D		100	692462	LEE	EET CLE	03/05/26 14:18
Total/NA	Analysis	8260D SIM		1	692836	MDH	EET CLE	03/09/26 13:07

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: 240-244350-1

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
Illinois	NELAP	200004	08-31-26
Iowa	State	421	06-01-27
Kansas	NELAP	E-10336	01-31-26 *
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	04-01-26
Oregon	NELAP	4062	02-27-26 *
Pennsylvania	NELAP	68-00340	08-31-26
Texas	NELAP	T104704517	08-31-26
USDA	US Federal Programs	525-24-5-34740	01-05-27
Virginia	NELAP	460175	09-30-26
West Virginia DEP	State	210	03-31-26
Wisconsin	State	399167560	08-31-26

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



Chain of Custody Record

11/17

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 Szaichler				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>Mariam Hanani</i>				TAT if different from below				<input type="checkbox"/> 3 weeks <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day				Walk-in client											
Project Name: Ford LTP			Method of Shipment/Carrier:				10 day								Lab sampling											
Project Number: 30309849.401.04			Shipping/Tracking No:				Filtered Sample (Y/N)				Composite-C / Grab-G				Job/SDG No:											
PO # US3460029524																	Sample Specific Notes / Special Instructions:									
Sample Identification			Sample Date	Sample Time	Matrix					Containers & Preservatives																
			Air	Aqueous	Sediment	Solid	Other:	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered	Composite-C	Grab-G	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_122			---	---	1					1					NG	X	X	X	X	X	X	X			1 Trip Blank	
MW-25_022626			2/26/26	0950	6					6					NG	X	X	X	X	X	X	X			3 VOAs for 8260D 3 VOAs for 8260D SIM	
MW-23_022626			2/26/26	1245	6					6					NG	X	X	X	X	X	X	X				
PW-16-01_022626			2/26/26	1405	6					6					NG	X	X	X	X	X	X	X				
DUP-03			2/26/26	---	6					6					NG	X	X	X	X	X	X	X				



Possible Hazard Identification: Non-Hazard Flammable Skin 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: <i>Mariam Hanani</i>	Company: <i>Arcadis</i>	Date/Time: <i>2/26/26 1500</i>	Received by: <i>Novi Cold Storage</i>	Company: <i>Arcadis</i>	Date/Time: <i>2/26/26 1500</i>
Relinquished by: <i>[Signature]</i>	Company: <i>ARCADIS</i>	Date/Time: <i>2/27/26 1509</i>	Received by: <i>[Signature]</i>	Company: <i>[Signature]</i>	Date/Time: <i>2/27/26 1510</i>
Relinquished by: <i>[Signature]</i>	Company: <i>[Signature]</i>	Date/Time: <i>2/27/26 1540</i>	Received in Laboratory by: <i>JUN</i>	Company: <i>EL</i>	Date/Time: <i>2/28/26 0800</i>

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Eurofins - Cleveland Sample Receipt Form/Narrative Login # _____

Client Woods Site Name _____ Cooler unpacked by: JC
 Cooler Received on 2-28-26 Opened on 3-2-26

FedEx 1st Grd Exp UPS FAS 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: Water Blue Ice Dry Ice Water None
 1 Cooler temperature upon receipt See Multiple Cooler Form

IR Gun # _____ (CF) _____ °C Observed Cooler Temp _____ °C Corrected Cooler Temp _____ °C

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

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity _____ Yes No NA
 -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
 -Were tamper/custody seals on the bottle(s) or bottle kits (LEHg/MeHg)? Yes No NA
 -Were tamper/custody seals intact and uncompromised? Yes No NA
- 3 Shippers' packing slip attached to the cooler(s)? Yes No
- 4 Did custody papers accompany the sample(s)? Yes No
- 5 Were the custody papers relinquished & signed in the appropriate place? Yes No
- 6 Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
- 7 Did all bottles arrive in good condition (Unbroken)? Yes No
- 8 Could all bottle labels (ID/Date/Time) be re-connected with the COC? Yes No
- 9 For each sample, does the COC specify preservative (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)? Yes No
- 10 Were correct bottle(s) used for the test(s) indicated? Yes No
- 11 Sufficient quantity received to perform indicated analyses? Yes No
- 12 Are these work share samples and all listed on the COC? Yes No
- 13 If yes, Questions 13-17 have been checked at the originating laboratory
- 14 Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HIC567196
- 15 Were VOAAs on the COC? Yes No
- 16 Were air bubbles > 6 mm in any VOA vials? Larger than this Yes No NA
- 17 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes No
- 17 Was a LL Hg or Me Hg trip blank present? Yes No

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.

20. SAMPLE PRESERVATION
 Sample(s) _____ were received with bubble > 6 mm in diameter (Notify PM)

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 pH	Preservation Temp	Preservation Added	Preservation Lot Number
TRIP BLANK_122	240-2443350-A-1	Voa Vial 40ml - Hydrochloric Acid				
MW-25_022626	240-2443350-A-2	Voa Vial 40ml - Hydrochloric Acid				
MW-25_022626	240-2443350-B-2	Voa Vial 40ml - Hydrochloric Acid				
MW-25_022626	240-2443350-C-2	Voa Vial 40ml - Hydrochloric Acid				
MW-25_022626	240-2443350-D-2	Voa Vial 40ml - Hydrochloric Acid				
MW-25_022626	240-2443350-E-2	Voa Vial 40ml - Hydrochloric Acid				
MW-25_022626	240-2443350-F-2	Voa Vial 40ml - Hydrochloric Acid				
MW-23_022626	240-2443350-A-3	Voa Vial 40ml - Hydrochloric Acid				
MW-23_022626	240-2443350-B-3	Voa Vial 40ml - Hydrochloric Acid				
MW-23_022626	240-2443350-C-3	Voa Vial 40ml - Hydrochloric Acid				
MW-23_022626	240-2443350-D-3	Voa Vial 40ml - Hydrochloric Acid				
MW-23_022626	240-2443350-E-3	Voa Vial 40ml - Hydrochloric Acid				
MW-23_022626	240-2443350-F-3	Voa Vial 40ml - Hydrochloric Acid				
PW-13-01_022626	240-2443350-A-4	Voa Vial 40ml - Hydrochloric Acid				
PW-13-01_022626	240-2443350-B-4	Voa Vial 40ml - Hydrochloric Acid				
PW-13-01_022626	240-2443350-C-4	Voa Vial 40ml - Hydrochloric Acid				
PW-13-01_022626	240-2443350-D-4	Voa Vial 40ml - Hydrochloric Acid				
PW-13-01_022626	240-2443350-E-4	Voa Vial 40ml - Hydrochloric Acid				
PW-13-01_022626	240-2443350-F-4	Voa Vial 40ml - Hydrochloric Acid				
DUP-03	240-2443350-A-5	Voa Vial 40ml - Hydrochloric Acid				
DUP-03	240-2443350-B-5	Voa Vial 40ml - Hydrochloric Acid				
DUP-03	240-2443350-C-5	Voa Vial 40ml - Hydrochloric Acid				
DUP-03	240-2443350-D-5	Voa Vial 40ml - Hydrochloric Acid				
DUP-03	240-2443350-E-5	Voa Vial 40ml - Hydrochloric Acid				
DUP-03	240-2443350-F-5	Voa Vial 40ml - Hydrochloric Acid				

DATA VERIFICATION REPORT



March 09, 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: 244350-1
Sample date: 2026-02-26
Report received by CADENA: 2026-03-09
Initial Data Verification completed by CADENA: 2026-03-09
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.

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: 244350-1

Analyte	Cas No.	Sample Name: TRIP BLANK_122				MW-25_022626				MW-23_022626				PW-16-01_022626				DUP-03			
		Lab Sample ID: 2402443501				2402443502				2402443503				2402443504				2402443505			
		Sample Date: 2/26/2026				2/26/2026				2/26/2026				2/26/2026				2/26/2026			
		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	---	1.8	1.0	ug/l	---	ND	1.0	ug/l	---	1.8	1.0	ug/l	---
cis-1,2-Dichloroethene	156-59-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	1400	100	ug/l	---	ND	1.0	ug/l	---	1200	100	ug/l	---
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	---
trans-1,2-Dichloroethene	156-60-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	91	100	ug/l	J	ND	1.0	ug/l	---	78	100	ug/l	J
Trichloroethene	79-01-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	130	100	ug/l	---	ND	1.0	ug/l	---	120	100	ug/l	---
Vinyl chloride	75-01-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	47	1.0	ug/l	---	ND	1.0	ug/l	---	45	1.0	ug/l	---
<u>OSW-8260DSIM</u>																					
1,4-Dioxane	123-91-1					4.0	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---