

ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

Ford LTP

JOB NUMBER

240-219500-1

Eurofins Cleveland

Job Notes

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Authorization



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Definitions/Glossary

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

Job ID: 240-219500-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
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: 240-219500-1

Job ID: 240-219500-1

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Job Narrative 240-219500-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 2/27/2025 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 2.4°C and 3.0°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: 240-219500-1

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: 240-219500-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-219500-1	TRIP BLANK_158	Water	02/25/25 00:00	02/27/25 08:00
240-219500-2	MW-69_022525	Water	02/25/25 09:20	02/27/25 08:00
240-219500-3	MW-47_022525	Water	02/25/25 10:50	02/27/25 08:00
240-219500-4	MW-48R_022525	Water	02/25/25 12:00	02/27/25 08:00
240-219500-5	MW-68_022525	Water	02/25/25 13:30	02/27/25 08:00

Detection Summary

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

Job ID: 240-219500-1

Client Sample ID: TRIP BLANK_158

Lab Sample ID: 240-219500-1

No Detections.

Client Sample ID: MW-69_022525

Lab Sample ID: 240-219500-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	2.1		2.0	0.86	ug/L	1		8260D SIM	Total/NA
Vinyl chloride	1.1		1.0	0.45	ug/L	1		8260D	Total/NA

Client Sample ID: MW-47_022525

Lab Sample ID: 240-219500-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.6	J	2.0	0.86	ug/L	1		8260D SIM	Total/NA
cis-1,2-Dichloroethene	4.0		1.0	0.46	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.64	J	1.0	0.51	ug/L	1		8260D	Total/NA
Vinyl chloride	4.2		1.0	0.45	ug/L	1		8260D	Total/NA

Client Sample ID: MW-48R_022525

Lab Sample ID: 240-219500-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	8.1		2.0	0.86	ug/L	1		8260D SIM	Total/NA

Client Sample ID: MW-68_022525

Lab Sample ID: 240-219500-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.7		1.0	0.46	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.72	J	1.0	0.51	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: 240-219500-1

Client Sample ID: TRIP BLANK_158

Lab Sample ID: 240-219500-1

Date Collected: 02/25/25 00:00

Matrix: Water

Date Received: 02/27/25 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			03/04/25 17:58	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			03/04/25 17:58	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			03/04/25 17:58	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			03/04/25 17:58	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			03/04/25 17:58	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			03/04/25 17:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		62 - 137		03/04/25 17:58	1
4-Bromofluorobenzene (Surr)	94		56 - 136		03/04/25 17:58	1
Toluene-d8 (Surr)	108		78 - 122		03/04/25 17:58	1
Dibromofluoromethane (Surr)	102		73 - 120		03/04/25 17:58	1

Client Sample Results

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

Job ID: 240-219500-1

Client Sample ID: MW-69_022525

Lab Sample ID: 240-219500-2

Date Collected: 02/25/25 09:20

Matrix: Water

Date Received: 02/27/25 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	2.1		2.0	0.86	ug/L			03/03/25 15:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		68 - 127					03/03/25 15:36	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			03/04/25 18:21	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			03/04/25 18:21	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			03/04/25 18:21	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			03/04/25 18:21	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			03/04/25 18:21	1
Vinyl chloride	1.1		1.0	0.45	ug/L			03/04/25 18:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		62 - 137					03/04/25 18:21	1
4-Bromofluorobenzene (Surr)	92		56 - 136					03/04/25 18:21	1
Toluene-d8 (Surr)	103		78 - 122					03/04/25 18:21	1
Dibromofluoromethane (Surr)	99		73 - 120					03/04/25 18:21	1

Client Sample Results

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

Job ID: 240-219500-1

Client Sample ID: MW-47_022525

Lab Sample ID: 240-219500-3

Date Collected: 02/25/25 10:50

Matrix: Water

Date Received: 02/27/25 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	1.6	J	2.0	0.86	ug/L			03/03/25 16:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		68 - 127					03/03/25 16:00	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			03/04/25 18:44	1
cis-1,2-Dichloroethene	4.0		1.0	0.46	ug/L			03/04/25 18:44	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			03/04/25 18:44	1
trans-1,2-Dichloroethene	0.64	J	1.0	0.51	ug/L			03/04/25 18:44	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			03/04/25 18:44	1
Vinyl chloride	4.2		1.0	0.45	ug/L			03/04/25 18:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		62 - 137					03/04/25 18:44	1
4-Bromofluorobenzene (Surr)	93		56 - 136					03/04/25 18:44	1
Toluene-d8 (Surr)	105		78 - 122					03/04/25 18:44	1
Dibromofluoromethane (Surr)	101		73 - 120					03/04/25 18:44	1

Client Sample Results

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

Job ID: 240-219500-1

Client Sample ID: MW-48R_022525

Lab Sample ID: 240-219500-4

Date Collected: 02/25/25 12:00

Matrix: Water

Date Received: 02/27/25 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	8.1		2.0	0.86	ug/L			03/03/25 16:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		68 - 127					03/03/25 16:23	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			03/04/25 19:06	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			03/04/25 19:06	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			03/04/25 19:06	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			03/04/25 19:06	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			03/04/25 19:06	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			03/04/25 19:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		62 - 137					03/04/25 19:06	1
4-Bromofluorobenzene (Surr)	96		56 - 136					03/04/25 19:06	1
Toluene-d8 (Surr)	106		78 - 122					03/04/25 19:06	1
Dibromofluoromethane (Surr)	100		73 - 120					03/04/25 19:06	1

Client Sample Results

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

Job ID: 240-219500-1

Client Sample ID: MW-68_022525

Lab Sample ID: 240-219500-5

Date Collected: 02/25/25 13:30

Matrix: Water

Date Received: 02/27/25 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			03/03/25 16:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		68 - 127					03/03/25 16:47	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			03/04/25 19:29	1
cis-1,2-Dichloroethene	4.7		1.0	0.46	ug/L			03/04/25 19:29	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			03/04/25 19:29	1
trans-1,2-Dichloroethene	0.72	J	1.0	0.51	ug/L			03/04/25 19:29	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			03/04/25 19:29	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			03/04/25 19:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		62 - 137					03/04/25 19:29	1
4-Bromofluorobenzene (Surr)	94		56 - 136					03/04/25 19:29	1
Toluene-d8 (Surr)	103		78 - 122					03/04/25 19:29	1
Dibromofluoromethane (Surr)	101		73 - 120					03/04/25 19:29	1

Surrogate Summary

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

Job ID: 240-219500-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (62-137)	BFB (56-136)	TOL (78-122)	DBFM (73-120)
240-219499-E-3 MS	Matrix Spike	113	93	104	100
240-219499-E-3 MSD	Matrix Spike Duplicate	106	97	105	99
240-219500-1	TRIP BLANK_158	119	94	108	102
240-219500-2	MW-69_022525	114	92	103	99
240-219500-3	MW-47_022525	114	93	105	101
240-219500-4	MW-48R_022525	116	96	106	100
240-219500-5	MW-68_022525	115	94	103	101
LCS 240-646767/4	Lab Control Sample	114	99	107	100
MB 240-646767/7	Method Blank	118	96	108	101
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

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (68-127)			
240-219499-B-3 MS	Matrix Spike	100			
240-219499-B-3 MSD	Matrix Spike Duplicate	99			
240-219500-2	MW-69_022525	107			
240-219500-3	MW-47_022525	96			
240-219500-4	MW-48R_022525	102			
240-219500-5	MW-68_022525	96			
LCS 240-646573/5	Lab Control Sample	99			
MB 240-646573/7	Method Blank	96			
Surrogate Legend					
DCA = 1,2-Dichloroethane-d4 (Surr)					

QC Sample Results

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

Job ID: 240-219500-1

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

Lab Sample ID: MB 240-646767/7

Matrix: Water

Analysis Batch: 646767

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			03/04/25 11:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			03/04/25 11:50	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			03/04/25 11:50	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			03/04/25 11:50	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			03/04/25 11:50	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			03/04/25 11:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		62 - 137		03/04/25 11:50	1
4-Bromofluorobenzene (Surr)	96		56 - 136		03/04/25 11:50	1
Toluene-d8 (Surr)	108		78 - 122		03/04/25 11:50	1
Dibromofluoromethane (Surr)	101		73 - 120		03/04/25 11:50	1

Lab Sample ID: LCS 240-646767/4

Matrix: Water

Analysis Batch: 646767

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	23.9		ug/L		96	63 - 134
cis-1,2-Dichloroethene	25.0	23.7		ug/L		95	77 - 123
Tetrachloroethene	25.0	23.8		ug/L		95	76 - 123
trans-1,2-Dichloroethene	25.0	23.5		ug/L		94	75 - 124
Trichloroethene	25.0	23.7		ug/L		95	70 - 122
Vinyl chloride	12.5	10.8		ug/L		87	60 - 144

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	114		62 - 137
4-Bromofluorobenzene (Surr)	99		56 - 136
Toluene-d8 (Surr)	107		78 - 122
Dibromofluoromethane (Surr)	100		73 - 120

Lab Sample ID: 240-219499-E-3 MS

Matrix: Water

Analysis Batch: 646767

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	25.0	20.3		ug/L		81	56 - 135
cis-1,2-Dichloroethene	1.0	U F2	25.0	20.6		ug/L		83	66 - 128
Tetrachloroethene	1.0	U	25.0	20.3		ug/L		81	62 - 131
trans-1,2-Dichloroethene	1.0	U	25.0	20.8		ug/L		83	56 - 136
Trichloroethene	1.0	U	25.0	20.1		ug/L		81	61 - 124
Vinyl chloride	1.0	U	12.5	8.98		ug/L		72	43 - 157

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	113		62 - 137
4-Bromofluorobenzene (Surr)	93		56 - 136
Toluene-d8 (Surr)	104		78 - 122

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QC Sample Results

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

Job ID: 240-219500-1

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

Lab Sample ID: 240-219499-E-3 MS

Matrix: Water

Analysis Batch: 646767

Client Sample ID: Matrix Spike

Prep Type: Total/NA

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Dibromofluoromethane (Surr)	100		73 - 120

Lab Sample ID: 240-219499-E-3 MSD

Matrix: Water

Analysis Batch: 646767

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	25.0	21.4		ug/L		86	56 - 135	5	26
cis-1,2-Dichloroethene	1.0	U F2	25.0	24.2	F2	ug/L		97	66 - 128	16	14
Tetrachloroethene	1.0	U	25.0	24.8		ug/L		99	62 - 131	20	20
trans-1,2-Dichloroethene	1.0	U	25.0	21.5		ug/L		86	56 - 136	3	15
Trichloroethene	1.0	U	25.0	21.4		ug/L		86	61 - 124	6	15
Vinyl chloride	1.0	U	12.5	10.3		ug/L		83	43 - 157	14	24

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	106		62 - 137
4-Bromofluorobenzene (Surr)	97		56 - 136
Toluene-d8 (Surr)	105		78 - 122
Dibromofluoromethane (Surr)	99		73 - 120

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

Lab Sample ID: MB 240-646573/7

Matrix: Water

Analysis Batch: 646573

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			03/03/25 10:45	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1,2-Dichloroethane-d4 (Surr)	96		68 - 127		03/03/25 10:45	1			

Lab Sample ID: LCS 240-646573/5

Matrix: Water

Analysis Batch: 646573

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	9.28		ug/L		93	75 - 121

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		68 - 127

Lab Sample ID: 240-219499-B-3 MS

Matrix: Water

Analysis Batch: 646573

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	9.61		ug/L		96	20 - 180

Eurofins Cleveland

QC Sample Results

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

Job ID: 240-219500-1

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

		MS	MS									
Surrogate	%Recovery	Qualifier	Limits									
1,2-Dichloroethane-d4 (Surr)	100		68 - 127									
Lab Sample ID: 240-219499-B-3 MSD				Client Sample ID: Matrix Spike Duplicate								
Matrix: Water				Prep Type: Total/NA								
Analysis Batch: 646573												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
1,4-Dioxane	2.0	U	10.0	9.63		ug/L		96	20 - 180	0	20	
		MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits									
1,2-Dichloroethane-d4 (Surr)	99		68 - 127									

QC Association Summary

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

Job ID: 240-219500-1

GC/MS VOA

Analysis Batch: 646573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-219500-2	MW-69_022525	Total/NA	Water	8260D SIM	
240-219500-3	MW-47_022525	Total/NA	Water	8260D SIM	
240-219500-4	MW-48R_022525	Total/NA	Water	8260D SIM	
240-219500-5	MW-68_022525	Total/NA	Water	8260D SIM	
MB 240-646573/7	Method Blank	Total/NA	Water	8260D SIM	
LCS 240-646573/5	Lab Control Sample	Total/NA	Water	8260D SIM	
240-219499-B-3 MS	Matrix Spike	Total/NA	Water	8260D SIM	
240-219499-B-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D SIM	

Analysis Batch: 646767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-219500-1	TRIP BLANK_158	Total/NA	Water	8260D	
240-219500-2	MW-69_022525	Total/NA	Water	8260D	
240-219500-3	MW-47_022525	Total/NA	Water	8260D	
240-219500-4	MW-48R_022525	Total/NA	Water	8260D	
240-219500-5	MW-68_022525	Total/NA	Water	8260D	
MB 240-646767/7	Method Blank	Total/NA	Water	8260D	
LCS 240-646767/4	Lab Control Sample	Total/NA	Water	8260D	
240-219499-E-3 MS	Matrix Spike	Total/NA	Water	8260D	
240-219499-E-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Lab Chronicle

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

Job ID: 240-219500-1

Client Sample ID: TRIP BLANK_158

Lab Sample ID: 240-219500-1

Date Collected: 02/25/25 00:00

Matrix: Water

Date Received: 02/27/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	646767	LEE	EET CLE	03/04/25 17:58

Client Sample ID: MW-69_022525

Lab Sample ID: 240-219500-2

Date Collected: 02/25/25 09:20

Matrix: Water

Date Received: 02/27/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	646767	LEE	EET CLE	03/04/25 18:21
Total/NA	Analysis	8260D SIM		1	646573	R5XG	EET CLE	03/03/25 15:36

Client Sample ID: MW-47_022525

Lab Sample ID: 240-219500-3

Date Collected: 02/25/25 10:50

Matrix: Water

Date Received: 02/27/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	646767	LEE	EET CLE	03/04/25 18:44
Total/NA	Analysis	8260D SIM		1	646573	R5XG	EET CLE	03/03/25 16:00

Client Sample ID: MW-48R_022525

Lab Sample ID: 240-219500-4

Date Collected: 02/25/25 12:00

Matrix: Water

Date Received: 02/27/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	646767	LEE	EET CLE	03/04/25 19:06
Total/NA	Analysis	8260D SIM		1	646573	R5XG	EET CLE	03/03/25 16:23

Client Sample ID: MW-68_022525

Lab Sample ID: 240-219500-5

Date Collected: 02/25/25 13:30

Matrix: Water

Date Received: 02/27/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	646767	LEE	EET CLE	03/04/25 19:29
Total/NA	Analysis	8260D SIM		1	646573	R5XG	EET CLE	03/03/25 16:47

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: 240-219500-1

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	12-31-26
Georgia	State	4062	02-27-26
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kansas	NELAP	E-10336	01-31-26
Kentucky (WW)	State	KY98016	12-31-25
Minnesota	NELAP	039-999-348	12-31-25
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-01-25
Ohio	State	8303	11-04-25
Ohio VAP	State	ORELAP 4062	02-28-26
Oregon	NELAP	4062	02-27-26
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-25
Wisconsin	State	399167560	08-31-25

Chain of Custody Record

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

Client Contact		Regulatory program:		DW		NPDES		RCRA		Other		TestAmerica Laboratories, Inc.			
Company Name: Arcadis		Client Project Manager: Megan Meckley		Site Contact: Samantha Szaichler		Lab Contact: Mike DelMonico		COC No:		1 of 1 COCs		For lab use only			
Address: 28550 Cabot Drive, Suite 500		Telephone: 248-994-2240		Telephone: 248-994-2240		Telephone: 330-497-9396		Analysis Turnaround Time		Analyses		Walk-in client			
City/State/Zip: Novi, MI, 48377		Email: kristoffer.hinskey@arcadis.com		TAT if different from below		10 day		3 weeks		2 weeks		1 week			
Phone: 248-994-2240		Sampler Name: Kent Kasper		Method of Shipment/Carrier		Shipping/Tracking No:		2 days		1 day		Lab sampling			
Project Name: Ford LTP		Method of Shipment/Carrier		Shipping/Tracking No:		Shipping/Tracking No:		2 days		1 day		Job/SDG No:			
Project Number: 30206169.0401.03		Method of Shipment/Carrier		Shipping/Tracking No:		Shipping/Tracking No:		2 days		1 day		Sample Specific Notes / Special Instructions:			
PO # US3460021848		Method of Shipment/Carrier		Shipping/Tracking No:		Shipping/Tracking No:		2 days		1 day		Sample Specific Notes / Special Instructions:			
Sample Identification		Sample Date	Sample Time	Matrix	Containers & Preservatives	Filtered Sample (Y/N)	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	1 Trip Blank
TRIP BLANK_ 131158 SS	---	---	1					X	X	X	X	X	X		3 VOA's for 8260D 3 VOA's for 8260D SIM
MW-69-022525	2/25/25	0920	6					X	X	X	X	X	X		
MW-47-022525	2/25/25	1050	6					X	X	X	X	X	X		
MW-48-022525	2/25/25	1200	6					X	X	X	X	X	X		
MW-68-022525	2/25/25	1330	6					X	X	X	X	X	X		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Irritant ☐ Poison B ☐ Unknown
 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
 Submit all results through Cadena at jtomalia@cadenaco.com. Cadena #E203728
 Level IV Reporting requested.

Relinquished by: [Signature] Company: Arcadis Date/Time: 2/25/25 1500
 Relinquished by: [Signature] Company: Arcadis Date/Time: 2/26/25 1525
 Relinquished by: [Signature] Company: EETA Date/Time: 2/26/25 1527

Received by: [Signature] Company: Arcadis Date/Time: 2/25/25 1500
 Received by: [Signature] Company: EETA Date/Time: 2/26/25 1526
 Received in Laboratory by: [Signature] Company: EETA Date/Time: 2/26/25 1527

240-219500 COC

Eurofins - Cleveland Sample Receipt Form/Narrative		Login # _____	
Barberton Facility		Cooler unpacked by: MALISSA LOAR	
Client ARCADIS	Site Name _____		
Cooler Received on 2/27/25	Opened on 2/27/25		
FedEx: 1 st Grd Exp UPS	FAS Waypoint	Client Drop Off	Eurofins Courier Other _____
Receipt After-hours, Drop-off Date/Time _____		Storage Location _____	
Eurofins Cooler # CC	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 # 13	(CF _____ °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity _____ -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 (LLHg/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 ☒ 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 (Y/N) , # of containers (Y/N) , and sample type of grab/comp (Y/N) ? 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# HC448976 14 Were VOAs on the COC? Yes ☒ No ☒ NA 15 Were air bubbles >6 mm in any VOA vials? Yes ☒ No ☒ NA 16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____ 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	Samples processed by: _____		
19. SAMPLE CONDITION			
Sample(s) _____	were received after the recommended holding time had expired.		
Sample(s) _____	were received in a broken container		
Sample(s) _____	were received with bubble >6 mm in diameter (Notify PM)		
20. SAMPLE PRESERVATION			
Sample(s) _____	were further preserved in the laboratory		
Time preserved. _____	Preservative(s) added/Lot number(s): _____		
VOA Sample Preservation - Date/Time VOAs Frozen _____			

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

Chain of Custody Record

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

Client Contact Company Name: Arcadis Address: 28550 Cabot Drive, Suite 500 City/State/Zip: Novi, MI, 48377 Phone: 248-994-2240		Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other	
Client Project Manager: Megan Meckley Telephone: 248-994-2240 Email: kristoffer.hinskey@arcadis.com		Lab Contact: Mike DelMonico Telephone: 330-497-9396	
Company Name: Ford LTP Project Number: 30206169.0401.03 PO # US3460021848		Analyst Turnaround Time TAT if different from below: ☒ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day	
Sample Identification TRIP BLANK_ 131158 MW-69-022525 MW-47-022525 MW-48-022525 MW-68-022525		Shipping/Tracking No:	
Matrix Air ☐ Aqueous ☐ Sediment ☐ Solid ☐ Other:		Containers & Preservatives H2SO4 ☐ HNO3 ☐ HCl ☐ NaOH ☐ ZnAc ☐ NiOH ☐ Umpres ☐ Other:	
Sample Date ---		Sample Time ---	
Sample Disposal ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
Special Instructions/QC Requirements & Comments: Submit all results through Cadena at jtomalia@cadenaco.com. Cadena #E203728 Level IV Reporting requested.		Sample Specific Notes / Special Instructions: 1 Trip Blank 3 VOAs for 8260D 3 VOAs for 8260D SIM	
Analyses 1,4-Dioxane 8260D SIM TCE 8260D PCE 8260D Trans-1,2-DCE 8260D cis-1,2-DCE 8260D 1,1-DCE 8260D Composite C / Grab G		Walk-in client Lab sampling Job/SDG No.	
Relinquished by: [Signature] Relinquished by: [Signature] Relinquished by: [Signature]		Date/Time: 2/25/25 1500 Date/Time: 2/26/25 1505 Date/Time: 2/26/25 1527	
Company: Arcadis Company: Arcadis Company: EETA		Company: Arcadis Company: EETA Company: EETA	

Arcadis Revised Sample ID:
MW-48R_022525
C.Weaver 03/06/2025



240-219500 COC

onsite

Eurofins - Cleveland Sample Receipt Form/Narrative		Login # : _____	
Barberton Facility			
Client <u>ARCADIS</u>		Site Name _____	
Cooler Received on <u>2/27/25</u>		Opened on <u>2/27/25</u>	
FedEx: 1 st Grd Exp <u>UPS FAS (Waypoint)</u>		Client Drop Off <u>Eurofins Courier</u> Other _____	
Receipt After-hours Drop-off Date/Time _____		Storage Location _____	
Eurofins Cooler # <u>96</u>		Foam Box ☐ Chent Cooler ☐ Box ☐ Other _____	
Packing material used <u>Bubble Wrap</u>		Foam ☐ Plastic Bag ☐ None ☐ Other _____	
COOLANT: <u>Wet Ice</u>		Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐	
1 Cooler temperature upon receipt _____		☒ See Multiple Cooler Form	
IR GUN # <u>13</u> (CF _____ °C)		Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C	
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 (LLHg/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 reconciled with the COC?		Yes ☒ No ☐	
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		Yes ☒ No ☐ NA ☐	
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 ☐	
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# HC448976	
14 Were VOAs on the COC?		Yes ☒ No ☐ NA ☐	
15 Were air bubbles >6 mm in any VOA vials? Larger than this.		Yes ☒ No ☐ NA ☐	
16. 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		Samples processed 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 _____			

WT-NC-099 Cooler Receipt Form Page 2 – Multiple Coolers

DATA VERIFICATION REPORT



March 11, 2025

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: 30251157.401.04 (vapor 301.04) 30206169.0401.04

Event Specific Scope of Work References: Sample COC

Laboratory: Eurofins Environment Testing LLC - Cleveland

Laboratory submittal: 219500-1

Sample date: 2025-02-25

Report received by CADENA: 2025-03-11

Initial Data Verification completed by CADENA: 2025-03-11

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:

GCMS VOC QC batch MS/MSD recovery outliers were not determined using a client sample so qualification was not required based on these sample-specific QC outliers.

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.

Analytical Results Summary

CADENA Project ID: E203728

Laboratory: Eurofins Environment Testing LLC - Cleveland

Laboratory Submittal: 219500-1

		Sample Name: TRIP BLANK_158				MW-69_022525				MW-47_022525				MW-48R_022525				MW-68_022525			
		Lab Sample ID: 2402195001				2402195002				2402195003				2402195004				2402195005			
		Sample Date: 2/25/2025				2/25/2025				2/25/2025				2/25/2025				2/25/2025			
Analyte	Cas No.	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/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	---
cis-1,2-Dichloroethene	156-59-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	4.0	1.0	ug/l	---	ND	1.0	ug/l	---	4.7	1.0	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	---	0.64	1.0	ug/l	J	ND	1.0	ug/l	---	0.72	1.0	ug/l	J
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	---
Vinyl chloride	75-01-4	ND	1.0	ug/l	---	1.1	1.0	ug/l	---	4.2	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
OSW-8260DSIM																					
1,4-Dioxane	123-91-1					2.1	2.0	ug/l	---	1.6	2.0	ug/l	J	8.1	2.0	ug/l	---	ND	2.0	ug/l	---