

 **ANALYTICAL REPORT****PREPARED FOR**

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JOB DESCRIPTION

Ford LTP

JOB NUMBER

240-238348-1

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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Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Method Summary	6
Sample Summary	7
Detection Summary	8
Client Sample Results	9
Surrogate Summary	15
QC Sample Results	16
QC Association Summary	19
Lab Chronicle	20
Certification Summary	21
Chain of Custody	22

Definitions/Glossary

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

Job ID: 240-238348-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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: 240-238348-1

Job ID: 240-238348-1

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Job Narrative 240-238348-1

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 11/21/2025 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 0.4°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: 240-238348-1

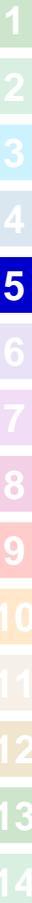
Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8260D SIM	Volatile Organic Compounds (GC/MS)	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE

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: 240-238348-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
240-238348-1	TRIP BLANK_97	Water	11/19/25 00:00	11/21/25 08:00	Michigan
240-238348-2	MW-10_111925	Water	11/19/25 15:25	11/21/25 08:00	Michigan
240-238348-3	MW-04_111925	Water	11/19/25 09:20	11/21/25 08:00	Michigan
240-238348-4	MW-02_111925	Water	11/19/25 10:30	11/21/25 08:00	Michigan
240-238348-5	MW-05_111925	Water	11/19/25 13:50	11/21/25 08:00	Michigan
240-238348-6	MW-03_111925	Water	11/19/25 12:00	11/21/25 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: 240-238348-1

Client Sample ID: TRIP BLANK_97

Lab Sample ID: 240-238348-1

No Detections.

Client Sample ID: MW-10_111925

Lab Sample ID: 240-238348-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	4.9		2.0	0.86	ug/L	1		8260D SIM	Total/NA
Vinyl chloride	5200		250	110	ug/L	250		8260D	Total/NA

Client Sample ID: MW-04_111925

Lab Sample ID: 240-238348-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	3.4		2.0	0.86	ug/L	1		8260D SIM	Total/NA
cis-1,2-Dichloroethene	12000		500	230	ug/L	500		8260D	Total/NA
trans-1,2-Dichloroethene	350	J	500	260	ug/L	500		8260D	Total/NA
Trichloroethene	420	J	500	220	ug/L	500		8260D	Total/NA
Vinyl chloride	2400		500	230	ug/L	500		8260D	Total/NA

Client Sample ID: MW-02_111925

Lab Sample ID: 240-238348-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	5.0		2.0	0.86	ug/L	1		8260D SIM	Total/NA
cis-1,2-Dichloroethene	4800		170	77	ug/L	166.67		8260D	Total/NA
trans-1,2-Dichloroethene	580		170	85	ug/L	166.67		8260D	Total/NA
Vinyl chloride	400		170	75	ug/L	166.67		8260D	Total/NA

Client Sample ID: MW-05_111925

Lab Sample ID: 240-238348-5

No Detections.

Client Sample ID: MW-03_111925

Lab Sample ID: 240-238348-6

No Detections.

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: 240-238348-1

Client Sample ID: TRIP BLANK_97

Lab Sample ID: 240-238348-1

Date Collected: 11/19/25 00:00

Matrix: Water

Date Received: 11/21/25 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			11/25/25 06:28	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			11/25/25 06:28	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			11/25/25 06:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			11/25/25 06:28	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			11/25/25 06:28	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			11/25/25 06:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		62 - 137		11/25/25 06:28	1
4-Bromofluorobenzene (Surr)	99		56 - 136		11/25/25 06:28	1
Toluene-d8 (Surr)	89		78 - 122		11/25/25 06:28	1
Dibromofluoromethane (Surr)	89		73 - 120		11/25/25 06:28	1

Client Sample Results

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

Job ID: 240-238348-1

Client Sample ID: MW-10_111925

Lab Sample ID: 240-238348-2

Date Collected: 11/19/25 15:25

Matrix: Water

Date Received: 11/21/25 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	4.9		2.0	0.86	ug/L			11/25/25 20:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		64 - 136					11/25/25 20:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	250	U	250	120	ug/L			11/25/25 06:51	250
cis-1,2-Dichloroethene	250	U	250	120	ug/L			11/25/25 06:51	250
Tetrachloroethene	250	U	250	110	ug/L			11/25/25 06:51	250
trans-1,2-Dichloroethene	250	U	250	130	ug/L			11/25/25 06:51	250
Trichloroethene	250	U	250	110	ug/L			11/25/25 06:51	250
Vinyl chloride	5200		250	110	ug/L			11/25/25 06:51	250
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		62 - 137					11/25/25 06:51	250
4-Bromofluorobenzene (Surr)	99		56 - 136					11/25/25 06:51	250
Toluene-d8 (Surr)	89		78 - 122					11/25/25 06:51	250
Dibromofluoromethane (Surr)	95		73 - 120					11/25/25 06:51	250

Client Sample Results

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

Job ID: 240-238348-1

Client Sample ID: MW-04_111925

Lab Sample ID: 240-238348-3

Date Collected: 11/19/25 09:20

Matrix: Water

Date Received: 11/21/25 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	3.4		2.0	0.86	ug/L			11/25/25 21:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		64 - 136					11/25/25 21:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	500	U	500	250	ug/L			11/25/25 07:14	500
cis-1,2-Dichloroethene	12000		500	230	ug/L			11/25/25 07:14	500
Tetrachloroethene	500	U	500	220	ug/L			11/25/25 07:14	500
trans-1,2-Dichloroethene	350	J	500	260	ug/L			11/25/25 07:14	500
Trichloroethene	420	J	500	220	ug/L			11/25/25 07:14	500
Vinyl chloride	2400		500	230	ug/L			11/25/25 07:14	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		62 - 137					11/25/25 07:14	500
4-Bromofluorobenzene (Surr)	95		56 - 136					11/25/25 07:14	500
Toluene-d8 (Surr)	88		78 - 122					11/25/25 07:14	500
Dibromofluoromethane (Surr)	90		73 - 120					11/25/25 07:14	500

Client Sample Results

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

Job ID: 240-238348-1

Client Sample ID: MW-02_111925

Lab Sample ID: 240-238348-4

Date Collected: 11/19/25 10:30

Matrix: Water

Date Received: 11/21/25 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	5.0		2.0	0.86	ug/L			11/25/25 21:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		64 - 136					11/25/25 21:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	170	U	170	82	ug/L			11/25/25 07:37	166.67
cis-1,2-Dichloroethene	4800		170	77	ug/L			11/25/25 07:37	166.67
Tetrachloroethene	170	U	170	73	ug/L			11/25/25 07:37	166.67
trans-1,2-Dichloroethene	580		170	85	ug/L			11/25/25 07:37	166.67
Trichloroethene	170	U	170	73	ug/L			11/25/25 07:37	166.67
Vinyl chloride	400		170	75	ug/L			11/25/25 07:37	166.67
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		62 - 137					11/25/25 07:37	166.67
4-Bromofluorobenzene (Surr)	97		56 - 136					11/25/25 07:37	166.67
Toluene-d8 (Surr)	87		78 - 122					11/25/25 07:37	166.67
Dibromofluoromethane (Surr)	93		73 - 120					11/25/25 07:37	166.67

Client Sample Results

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

Job ID: 240-238348-1

Client Sample ID: MW-05_111925

Lab Sample ID: 240-238348-5

Date Collected: 11/19/25 13:50

Matrix: Water

Date Received: 11/21/25 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			11/25/25 21:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		64 - 136					11/25/25 21:50	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 F2 F1	1.0	0.49	ug/L			11/25/25 08:00	1
cis-1,2-Dichloroethene	1.0	U F2 F1	1.0	0.46	ug/L			11/25/25 08:00	1
Tetrachloroethene	1.0	U F2 F1	1.0	0.44	ug/L			11/25/25 08:00	1
trans-1,2-Dichloroethene	1.0	U F2 F1	1.0	0.51	ug/L			11/25/25 08:00	1
Trichloroethene	1.0	U F2 F1	1.0	0.44	ug/L			11/25/25 08:00	1
Vinyl chloride	1.0	U F2 F1	1.0	0.45	ug/L			11/25/25 08:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		62 - 137					11/25/25 08:00	1
4-Bromofluorobenzene (Surr)	97		56 - 136					11/25/25 08:00	1
Toluene-d8 (Surr)	89		78 - 122					11/25/25 08:00	1
Dibromofluoromethane (Surr)	91		73 - 120					11/25/25 08:00	1

Client Sample Results

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

Job ID: 240-238348-1

Client Sample ID: MW-03_111925

Lab Sample ID: 240-238348-6

Date Collected: 11/19/25 12:00

Matrix: Water

Date Received: 11/21/25 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			11/25/25 22:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		64 - 136					11/25/25 22:14	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			11/25/25 09:09	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			11/25/25 09:09	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			11/25/25 09:09	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			11/25/25 09:09	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			11/25/25 09:09	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			11/25/25 09:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		62 - 137					11/25/25 09:09	1
4-Bromofluorobenzene (Surr)	98		56 - 136					11/25/25 09:09	1
Toluene-d8 (Surr)	85		78 - 122					11/25/25 09:09	1
Dibromofluoromethane (Surr)	92		73 - 120					11/25/25 09:09	1

Surrogate Summary

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

Job ID: 240-238348-1

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)
240-238348-1	TRIP BLANK_97	96	99	89	89
240-238348-2	MW-10_111925	102	99	89	95
240-238348-3	MW-04_111925	97	95	88	90
240-238348-4	MW-02_111925	97	97	87	93
240-238348-5	MW-05_111925	98	97	89	91
240-238348-5 MS	MW-05-MS_111925	95	101	90	90
240-238348-5 MSD	MW-05-MSD_111925	98	106	90	98
240-238348-6	MW-03_111925	99	98	85	92
LCS 240-681903/4	Lab Control Sample	92	99	91	91
MB 240-681903/8	Method Blank	97	95	87	90

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)
240-238348-2	MW-10_111925	107
240-238348-3	MW-04_111925	92
240-238348-4	MW-02_111925	99
240-238348-5	MW-05_111925	114
240-238348-5 MS	MW-05-MS_111925	112
240-238348-5 MSD	MW-05-MSD_111925	111
240-238348-6	MW-03_111925	111
LCS 240-682124/2	Lab Control Sample	104
MB 240-682124/4	Method Blank	108

Surrogate Legend

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

QC Sample Results

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

Job ID: 240-238348-1

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

Lab Sample ID: MB 240-681903/8

Matrix: Water

Analysis Batch: 681903

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			11/24/25 23:55	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			11/24/25 23:55	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			11/24/25 23:55	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			11/24/25 23:55	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			11/24/25 23:55	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			11/24/25 23:55	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	97		62 - 137		11/24/25 23:55	1
4-Bromofluorobenzene (Surr)	95		56 - 136		11/24/25 23:55	1
Toluene-d8 (Surr)	87		78 - 122		11/24/25 23:55	1
Dibromofluoromethane (Surr)	90		73 - 120		11/24/25 23:55	1

Lab Sample ID: LCS 240-681903/4

Matrix: Water

Analysis Batch: 681903

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,1-Dichloroethene	25.0	22.9		ug/L		92	63 - 134
cis-1,2-Dichloroethene	25.0	23.9		ug/L		96	77 - 123
Tetrachloroethene	25.0	21.1		ug/L		85	76 - 123
trans-1,2-Dichloroethene	25.0	21.2		ug/L		85	75 - 124
Trichloroethene	25.0	25.9		ug/L		104	70 - 122
Vinyl chloride	12.5	10.3		ug/L		83	60 - 144

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	92		62 - 137
4-Bromofluorobenzene (Surr)	99		56 - 136
Toluene-d8 (Surr)	91		78 - 122
Dibromofluoromethane (Surr)	91		73 - 120

Lab Sample ID: 240-238348-5 MS

Matrix: Water

Analysis Batch: 681903

Client Sample ID: MW-05-MS_111925

Prep Type: Total/NA

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
1,1-Dichloroethene	1.0	U F2 F1	25.0	7.92	F1	ug/L		32	56 - 135
cis-1,2-Dichloroethene	1.0	U F2 F1	25.0	10.6	F1	ug/L		42	66 - 128
Tetrachloroethene	1.0	U F2 F1	25.0	7.85	F1	ug/L		31	62 - 131
trans-1,2-Dichloroethene	1.0	U F2 F1	25.0	9.30	F1	ug/L		37	56 - 136
Trichloroethene	1.0	U F2 F1	25.0	8.93	F1	ug/L		36	61 - 124
Vinyl chloride	1.0	U F2 F1	12.5	1.67	F1	ug/L		13	43 - 157

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	95		62 - 137
4-Bromofluorobenzene (Surr)	101		56 - 136
Toluene-d8 (Surr)	90		78 - 122

Eurofins Cleveland

QC Sample Results

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

Job ID: 240-238348-1

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

Lab Sample ID: 240-238348-5 MS
Matrix: Water
Analysis Batch: 681903

Client Sample ID: MW-05-MS_111925
Prep Type: Total/NA

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Dibromofluoromethane (Surr)	90		73 - 120

Lab Sample ID: 240-238348-5 MSD
Matrix: Water
Analysis Batch: 681903

Client Sample ID: MW-05-MSD_111925
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 F2 F1	25.0	20.0	F2	ug/L		80	56 - 135	87	26
cis-1,2-Dichloroethene	1.0	U F2 F1	25.0	23.5	F2	ug/L		94	66 - 128	76	14
Tetrachloroethene	1.0	U F2 F1	25.0	17.4	F2	ug/L		70	62 - 131	76	20
trans-1,2-Dichloroethene	1.0	U F2 F1	25.0	20.4	F2	ug/L		81	56 - 136	75	15
Trichloroethene	1.0	U F2 F1	25.0	21.4	F2	ug/L		85	61 - 124	82	15
Vinyl chloride	1.0	U F2 F1	12.5	9.42	F2	ug/L		75	43 - 157	140	24

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		62 - 137
4-Bromofluorobenzene (Surr)	106		56 - 136
Toluene-d8 (Surr)	90		78 - 122
Dibromofluoromethane (Surr)	98		73 - 120

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

Lab Sample ID: MB 240-682124/4
Matrix: Water
Analysis Batch: 682124

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			11/25/25 20:16	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1,2-Dichloroethane-d4 (Surr)	108		64 - 136		11/25/25 20:16	1			

Lab Sample ID: LCS 240-682124/2
Matrix: Water
Analysis Batch: 682124

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	7.89		ug/L		79	68 - 120

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		64 - 136

Lab Sample ID: 240-238348-5 MS
Matrix: Water
Analysis Batch: 682124

Client Sample ID: MW-05-MS_111925
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	9.12		ug/L		91	45 - 145

Eurofins Cleveland

QC Sample Results

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

Job ID: 240-238348-1

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

<i>Surrogate</i>	<i>%Recovery</i>	<i>MS MS Qualifier</i>	<i>Limits</i>
1,2-Dichloroethane-d4 (Surr)	112		64 - 136

Lab Sample ID: 240-238348-5 MSD
Matrix: Water
Analysis Batch: 682124

Client Sample ID: MW-05-MSD_111925
Prep Type: Total/NA

<i>Analyte</i>	<i>Sample Result</i>	<i>Sample Qualifier</i>	<i>Spike Added</i>	<i>MSD Result</i>	<i>MSD Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec Limits</i>	<i>RPD</i>	<i>RPD Limit</i>
1,4-Dioxane	2.0	U	10.0	9.26		ug/L		93	45 - 145	2	19

<i>Surrogate</i>	<i>%Recovery</i>	<i>MSD MSD Qualifier</i>	<i>Limits</i>
1,2-Dichloroethane-d4 (Surr)	111		64 - 136

- 1
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- 14

QC Association Summary

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

Job ID: 240-238348-1

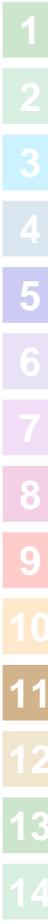
GC/MS VOA

Analysis Batch: 681903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-238348-1	TRIP BLANK_97	Total/NA	Water	8260D	
240-238348-2	MW-10_111925	Total/NA	Water	8260D	
240-238348-3	MW-04_111925	Total/NA	Water	8260D	
240-238348-4	MW-02_111925	Total/NA	Water	8260D	
240-238348-5	MW-05_111925	Total/NA	Water	8260D	
240-238348-6	MW-03_111925	Total/NA	Water	8260D	
MB 240-681903/8	Method Blank	Total/NA	Water	8260D	
LCS 240-681903/4	Lab Control Sample	Total/NA	Water	8260D	
240-238348-5 MS	MW-05-MS_111925	Total/NA	Water	8260D	
240-238348-5 MSD	MW-05-MSD_111925	Total/NA	Water	8260D	

Analysis Batch: 682124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-238348-2	MW-10_111925	Total/NA	Water	8260D SIM	
240-238348-3	MW-04_111925	Total/NA	Water	8260D SIM	
240-238348-4	MW-02_111925	Total/NA	Water	8260D SIM	
240-238348-5	MW-05_111925	Total/NA	Water	8260D SIM	
240-238348-6	MW-03_111925	Total/NA	Water	8260D SIM	
MB 240-682124/4	Method Blank	Total/NA	Water	8260D SIM	
LCS 240-682124/2	Lab Control Sample	Total/NA	Water	8260D SIM	
240-238348-5 MS	MW-05-MS_111925	Total/NA	Water	8260D SIM	
240-238348-5 MSD	MW-05-MSD_111925	Total/NA	Water	8260D SIM	



Lab Chronicle

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

Job ID: 240-238348-1

Client Sample ID: TRIP BLANK_97

Lab Sample ID: 240-238348-1

Date Collected: 11/19/25 00:00

Matrix: Water

Date Received: 11/21/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	681903	LEE	EET CLE	11/25/25 06:28

Client Sample ID: MW-10_111925

Lab Sample ID: 240-238348-2

Date Collected: 11/19/25 15:25

Matrix: Water

Date Received: 11/21/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		250	681903	LEE	EET CLE	11/25/25 06:51
Total/NA	Analysis	8260D SIM		1	682124	R5XG	EET CLE	11/25/25 20:40

Client Sample ID: MW-04_111925

Lab Sample ID: 240-238348-3

Date Collected: 11/19/25 09:20

Matrix: Water

Date Received: 11/21/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		500	681903	LEE	EET CLE	11/25/25 07:14
Total/NA	Analysis	8260D SIM		1	682124	R5XG	EET CLE	11/25/25 21:03

Client Sample ID: MW-02_111925

Lab Sample ID: 240-238348-4

Date Collected: 11/19/25 10:30

Matrix: Water

Date Received: 11/21/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		166.67	681903	LEE	EET CLE	11/25/25 07:37
Total/NA	Analysis	8260D SIM		1	682124	R5XG	EET CLE	11/25/25 21:27

Client Sample ID: MW-05_111925

Lab Sample ID: 240-238348-5

Date Collected: 11/19/25 13:50

Matrix: Water

Date Received: 11/21/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	681903	LEE	EET CLE	11/25/25 08:00
Total/NA	Analysis	8260D SIM		1	682124	R5XG	EET CLE	11/25/25 21:50

Client Sample ID: MW-03_111925

Lab Sample ID: 240-238348-6

Date Collected: 11/19/25 12:00

Matrix: Water

Date Received: 11/21/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	681903	LEE	EET CLE	11/25/25 09:09
Total/NA	Analysis	8260D SIM		1	682124	R5XG	EET CLE	11/25/25 22:14

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: 240-238348-1

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
Kansas	NELAP	E-10336	01-31-26
Kentucky (UST)	State	112225	02-28-26
Kentucky (WW)	State	KY98016	12-31-25
Minnesota	NELAP	039-999-348	12-31-25
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	02-28-26
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	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-30-26
West Virginia DEP	State	210	12-31-25
Wisconsin	State	399167560	08-31-26



-0.2/0.4

Chain of Custody Record

Y7

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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 Szpalcchier					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: Kent Kasper					TAT if different from below										Walk-in client											
Project Name: Ford LTP		Method of Shipment/Carrier:					10 day										Lab sampling											
Project Number: 30251157.401.04		Shipping/Tracking No:					<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										Job/SDG No:											
PO # US3440032803 (25) 11/20/25 US346027714		Sample Identification		Sample Date	Sample Time	Matrix					Containers & Preservatives					Sample Specific Notes / Special Instructions:												
		Air	Aqueous	Sediment	Solid	Others	H2SO4	HNO3	HCl	NaOH	ZnCl2	NaOH	Uppers	Others	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					
TRIP BLANK_ 97		---	---	1					1						NG	X	X	X	X	X	X			1 Trip Blank				
mw-10-111925		11/19/25	1525	6					6						NG	X	X	X	X	X	X			3 VOAs for 8260D 3 VOAs for 8260D SIM				
mw-04-111925		11/20/25	0930	6					6						NG	X	X	X	X	X	X							
mw-02-111925		11/20/25	1036	6					6						NG	X	X	X	X	X	X							
mw-05-111925		11/20/25	1350	6					6						NG	X	X	X	X	X	X							
mw-05-MS-111925		11/20/25	1356	6					6						NG	X	X	X	X	X	X			Run ms/msd				
mw-05-MSA-111925		11/20/25	1350	6					6						NG	X	X	X	X	X	X			Run ms/msd				
mw-03-111925		11/20/25	1200	6					6						NG	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: OnSite (L)

Submit all results through Cadena at jtomalla@cadenaco.com. Cadena #E203728

Level IV Reporting requested.

Relinquished by: <i>[Signature]</i>	Company: Arcadis	Date/Time: 11/19/25 1638	Received by: <i>[Signature]</i>	Company: Arcadis	Date/Time: 11/19/25 2038
Relinquished by: <i>[Signature]</i>	Company: ARCADIS	Date/Time: 11/20/25 1116	Received by: <i>[Signature]</i>	Company: BETA	Date/Time: 11/20/25 1130.5
Relinquished by: <i>[Signature]</i>	Company: BETA	Date/Time: 11/20/25 1114.5	Received in Laboratory by: JORDAN PYLES	Company: EURO	Date/Time: 11/21/25 0800

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

Client Arcadis Site Name _____ Cooler unpacked by: JPyles
 Cooler Received on 11/21/25 Opened on 11/22/25

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

Eurofins Cooler # EC 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 TO U °C) Observed Cooler Temp -0.2 °C Corrected Cooler Temp 0.4 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity _____ Yes No
 -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
 -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
 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

Tests that are not checked for pH by Receiving
 VOA's
 Oil and Grease
 TOC

- 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 VOA's on the COC? Yes No
 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 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 _____

Temperature readings:

Client Sample ID	Lab ID	Container Type	Container	Preservation	Preservation
			pH	Temp	Added
					Lot Number
TRIP-BLANK_97	240-238348-A-1	Voa Vial 40ml - Hydrochloric Acid			
MW-10_111925	240-238348-A-2	Voa Vial 40ml - Hydrochloric Acid			
MW-10_111925	240-238348-B-2	Voa Vial 40ml - Hydrochloric Acid			
MW-10_111925	240-238348-C-2	Voa Vial 40ml - Hydrochloric Acid			
MW-10_111925	240-238348-E-2	Voa Vial 40ml - Hydrochloric Acid			
MW-10_111925	240-238348-F-2	Voa Vial 40ml - Hydrochloric Acid			
MW-04_111925	240-238348-A-3	Voa Vial 40ml - Hydrochloric Acid			
MW-04_111925	240-238348-B-3	Voa Vial 40ml - Hydrochloric Acid			
MW-04_111925	240-238348-C-3	Voa Vial 40ml - Hydrochloric Acid			
MW-04_111925	240-238348-D-3	Voa Vial 40ml - Hydrochloric Acid			
MW-04_111925	240-238348-E-3	Voa Vial 40ml - Hydrochloric Acid			
MW-04_111925	240-238348-F-3	Voa Vial 40ml - Hydrochloric Acid			
MW-02_111925	240-238348-A-4	Voa Vial 40ml - Hydrochloric Acid			
MW-02_111925	240-238348-B-4	Voa Vial 40ml - Hydrochloric Acid			
MW-02_111925	240-238348-C-4	Voa Vial 40ml - Hydrochloric Acid			
MW-02_111925	240-238348-D-4	Voa Vial 40ml - Hydrochloric Acid			
MW-02_111925	240-238348-E-4	Voa Vial 40ml - Hydrochloric Acid			
MW-02_111925	240-238348-F-4	Voa Vial 40ml - Hydrochloric Acid			
MW-05_111925	240-238348-A-5	Voa Vial 40ml - Hydrochloric Acid			
MW-05_111925	240-238348-B-5	Voa Vial 40ml - Hydrochloric Acid			
MW-05_111925	240-238348-C-5	Voa Vial 40ml - Hydrochloric Acid			
MW-05_111925	240-238348-D-5	Voa Vial 40ml - Hydrochloric Acid			
MW-05_111925	240-238348-E-5	Voa Vial 40ml - Hydrochloric Acid			
MW-05_111925	240-238348-F-5	Voa Vial 40ml - Hydrochloric Acid			
MW-03_111925	240-238348-A-6	Voa Vial 40ml - Hydrochloric Acid			
MW-03_111925	240-238348-B-6	Voa Vial 40ml - Hydrochloric Acid			
MW-03_111925	240-238348-C-6	Voa Vial 40ml - Hydrochloric Acid			
MW-03_111925	240-238348-D-6	Voa Vial 40ml - Hydrochloric Acid			
MW-03_111925	240-238348-E-6	Voa Vial 40ml - Hydrochloric Acid			
MW-03_111925	240-238348-F-6	Voa Vial 40ml - Hydrochloric Acid			

DATA VERIFICATION REPORT



November 27, 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 LTP
Event Specific Scope of Work References: Sample COC
Laboratory: Eurofins Environment Testing LLC - Cleveland
Laboratory submittal: 238348-1
Sample date: 2025-11-19
Report received by CADENA: 2025-11-27
Initial Data Verification completed by CADENA: 2025-11-27
Number of Samples:6
Sample Matrices:Water
Test Categories:GCMS VOC
Please see attached criteria report or sample result/qualified analytical result summary for qualifier flags assigned to sample data.

The following minor QC exceptions or missing information were noted:

MSD - GCMS VOC sample -005 MS and MSD recovery outliers or one recovery along with the MS/MSD RPD were outliers with the recovery biased low for ALL ANALYTES. Client sample results for these analytes should be considered to be estimated and qualified with UJ flags if non-detect.

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.

Qualified Results Summary

CADENA Project ID: E203728

Laboratory: Eurofins Environment Testing LLC - Cleveland

Laboratory Submittal: 238348-1

Sample Name: MW-05_111925

Lab Sample ID: 2402383485

Sample Date: 11/19/2025

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	ND	1.0	ug/l	UJ	
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	ND	1.0	ug/l	UJ	
Vinyl chloride	75-01-4	ND	1.0	ug/l	UJ	

Analytical Results Summary

CADENA Project ID: E203728

Laboratory: Eurofins Environment Testing LLC - Cleveland

Laboratory Submittal: 238348-1

Analyte	Cas No.	Sample Name: TRIP BLANK_97				MW-10_111925				MW-04_111925				MW-02_111925				MW-05_111925				MW-03_111925			
		Report		Valid		Report		Valid		Report		Valid		Report		Valid		Report		Valid		Report		Valid	
		Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier
GC/MS VOC																									
<u>OSW-8260D</u>																									
1,1-Dichloroethene	75-35-4	ND	1.0	ug/l	---	ND	250	ug/l	---	ND	500	ug/l	---	ND	170	ug/l	---	ND	1.0	ug/l	UJ	ND	1.0	ug/l	---
cis-1,2-Dichloroethene	156-59-2	ND	1.0	ug/l	---	ND	250	ug/l	---	12000	500	ug/l	---	4800	170	ug/l	---	ND	1.0	ug/l	UJ	ND	1.0	ug/l	---
Tetrachloroethene	127-18-4	ND	1.0	ug/l	---	ND	250	ug/l	---	ND	500	ug/l	---	ND	170	ug/l	---	ND	1.0	ug/l	UJ	ND	1.0	ug/l	---
trans-1,2-Dichloroethene	156-60-5	ND	1.0	ug/l	---	ND	250	ug/l	---	350	500	ug/l	J	580	170	ug/l	---	ND	1.0	ug/l	UJ	ND	1.0	ug/l	---
Trichloroethene	79-01-6	ND	1.0	ug/l	---	ND	250	ug/l	---	420	500	ug/l	J	ND	170	ug/l	---	ND	1.0	ug/l	UJ	ND	1.0	ug/l	---
Vinyl chloride	75-01-4	ND	1.0	ug/l	---	5200	250	ug/l	---	2400	500	ug/l	---	400	170	ug/l	---	ND	1.0	ug/l	UJ	ND	1.0	ug/l	---
<u>OSW-8260DSIM</u>																									
1,4-Dioxane	123-91-1					4.9	2.0	ug/l	---	3.4	2.0	ug/l	---	5.0	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---