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ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Megan Meckley
Arcadis US Inc.
28550 Cabot Drive
Suite 500
Novi, Michigan 48377

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JOB DESCRIPTION

Ford LTP

JOB NUMBER

240-243662-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

myEOL

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: 240-243662-1

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

Job Narrative
240-243662-1

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 2/18/2026 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 2.3°C and 4.0°C.

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

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

Job ID: 240-243662-1

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: 240-243662-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
240-243662-1	TRIP BLANK_38	Water	02/12/26 00:00	02/18/26 08:00	Michigan
240-243662-2	MW-02_021226	Water	02/12/26 10:05	02/18/26 08:00	Michigan
240-243662-3	MW-04_021226	Water	02/12/26 10:55	02/18/26 08:00	Michigan
240-243662-4	MW-37_021226	Water	02/12/26 12:45	02/18/26 08:00	Michigan
240-243662-5	MW-38_021226	Water	02/12/26 13:45	02/18/26 08:00	Michigan
240-243662-6	DUP-01	Water	02/12/26 00:00	02/18/26 08:00	Michigan

Detection Summary

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

Job ID: 240-243662-1

Client Sample ID: TRIP BLANK_38 — Lab Sample ID: 240-243662-1

No Detections.

Client Sample ID: MW-02_021226 — Lab Sample ID: 240-243662-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	3.2		2.0	0.86	ug/L	1		8260D SIM	Total/NA
1,1-Dichloroethene	2.8		1.0	0.49	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	3800		100	46	ug/L	100		8260D	Total/NA
trans-1,2-Dichloroethene	620		100	51	ug/L	100		8260D	Total/NA
Vinyl chloride	280		100	45	ug/L	100		8260D	Total/NA

Client Sample ID: MW-04_021226 — Lab Sample ID: 240-243662-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	3.2		2.0	0.86	ug/L	1		8260D SIM	Total/NA
1,1-Dichloroethene	13		1.0	0.49	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	13000		250	120	ug/L	250		8260D	Total/NA
trans-1,2-Dichloroethene	400		250	130	ug/L	250		8260D	Total/NA
Trichloroethene	1200		250	110	ug/L	250		8260D	Total/NA
Vinyl chloride	2500		250	110	ug/L	250		8260D	Total/NA

Client Sample ID: MW-37_021226 — Lab Sample ID: 240-243662-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.3		1.0	0.46	ug/L	1		8260D	Total/NA

Client Sample ID: MW-38_021226 — Lab Sample ID: 240-243662-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.5		1.0	0.46	ug/L	1		8260D	Total/NA

Client Sample ID: DUP-01 — Lab Sample ID: 240-243662-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	3.2		2.0	0.86	ug/L	1		8260D SIM	Total/NA
1,1-Dichloroethene	13		1.0	0.49	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	14000		250	120	ug/L	250		8260D	Total/NA
trans-1,2-Dichloroethene	400		250	130	ug/L	250		8260D	Total/NA
Trichloroethene	1300		250	110	ug/L	250		8260D	Total/NA
Vinyl chloride	2600		250	110	ug/L	250		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

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

Job ID: 240-243662-1

Client Sample ID: TRIP BLANK_38
Date Collected: 02/12/26 00:00
Date Received: 02/18/26 08:00

Lab Sample ID: 240-243662-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			02/23/26 20:03	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/23/26 20:03	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/23/26 20:03	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/23/26 20:03	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/23/26 20:03	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/23/26 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*62 - 137*		*02/23/26 20:03*	*1*
4-Bromofluorobenzene (Surr)	*98*		*56 - 136*		*02/23/26 20:03*	*1*
Toluene-d8 (Surr)	*103*		*78 - 122*		*02/23/26 20:03*	*1*
Dibromofluoromethane (Surr)	*97*		*73 - 120*		*02/23/26 20:03*	*1*

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

Job ID: 240-243662-1

Client Sample ID: MW-02_021226

Date Collected: 02/12/26 10:05
Date Received: 02/18/26 08:00

Lab Sample ID: 240-243662-2

Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**3.2**		2.0	0.86	ug/L			02/24/26 01:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*79*		*64 - 136*		*02/24/26 01:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**2.8**		1.0	0.49	ug/L			02/23/26 20:26	1
cis-1,2-Dichloroethene	**3800**		100	46	ug/L			02/25/26 13:56	100
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/23/26 20:26	1
trans-1,2-Dichloroethene	**620**		100	51	ug/L			02/25/26 13:56	100
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/23/26 20:26	1
Vinyl chloride	**280**		100	45	ug/L			02/25/26 13:56	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*62 - 137*		*02/23/26 20:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 137*		*02/25/26 13:56*	*100*
4-Bromofluorobenzene (Surr)	*96*		*56 - 136*		*02/23/26 20:26*	*1*
4-Bromofluorobenzene (Surr)	*87*		*56 - 136*		*02/25/26 13:56*	*100*
Toluene-d8 (Surr)	*99*		*78 - 122*		*02/23/26 20:26*	*1*
Toluene-d8 (Surr)	*88*		*78 - 122*		*02/25/26 13:56*	*100*
Dibromofluoromethane (Surr)	*98*		*73 - 120*		*02/23/26 20:26*	*1*
Dibromofluoromethane (Surr)	*92*		*73 - 120*		*02/25/26 13:56*	*100*

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

Job ID: 240-243662-1

Client Sample ID: MW-04_021226
Date Collected: 02/12/26 10:55
Date Received: 02/18/26 08:00

Lab Sample ID: 240-243662-3
Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	3.2		2.0	0.86	ug/L			02/24/26 01:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*78*		*64 - 136*		*02/24/26 01:29*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	13		1.0	0.49	ug/L			02/23/26 19:26	1
cis-1,2-Dichloroethene	13000		250	120	ug/L			02/25/26 11:50	250
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/23/26 19:26	1
trans-1,2-Dichloroethene	400		250	130	ug/L			02/25/26 11:50	250
Trichloroethene	1200		250	110	ug/L			02/25/26 11:50	250
Vinyl chloride	2500		250	110	ug/L			02/25/26 11:50	250

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*62 - 137*		*02/23/26 19:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*62 - 137*		*02/25/26 11:50*	*250*
4-Bromofluorobenzene (Surr)	*100*		*56 - 136*		*02/23/26 19:26*	*1*
4-Bromofluorobenzene (Surr)	*99*		*56 - 136*		*02/25/26 11:50*	*250*
Toluene-d8 (Surr)	*96*		*78 - 122*		*02/23/26 19:26*	*1*
Toluene-d8 (Surr)	*94*		*78 - 122*		*02/25/26 11:50*	*250*
Dibromofluoromethane (Surr)	*100*		*73 - 120*		*02/23/26 19:26*	*1*
Dibromofluoromethane (Surr)	*108*		*73 - 120*		*02/25/26 11:50*	*250*

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

Job ID: 240-243662-1

Client Sample ID: MW-37_021226
Date Collected: 02/12/26 12:45
Date Received: 02/18/26 08:00

Lab Sample ID: 240-243662-4
Matrix: Water

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			02/24/26 01:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*64 - 136*		*02/24/26 01:52*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			02/23/26 19:49	1
cis-1,2-Dichloroethene	**2.3**		1.0	0.46	ug/L			02/25/26 12:13	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/23/26 19:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/25/26 12:13	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/25/26 12:13	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/25/26 12:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*62 - 137*		*02/23/26 19:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*62 - 137*		*02/25/26 12:13*	*1*
4-Bromofluorobenzene (Surr)	*98*		*56 - 136*		*02/23/26 19:49*	*1*
4-Bromofluorobenzene (Surr)	*101*		*56 - 136*		*02/25/26 12:13*	*1*
Toluene-d8 (Surr)	*92*		*78 - 122*		*02/23/26 19:49*	*1*
Toluene-d8 (Surr)	*94*		*78 - 122*		*02/25/26 12:13*	*1*
Dibromofluoromethane (Surr)	*106*		*73 - 120*		*02/23/26 19:49*	*1*
Dibromofluoromethane (Surr)	*107*		*73 - 120*		*02/25/26 12:13*	*1*

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

Job ID: 240-243662-1

Client Sample ID: MW-38_021226

Date Collected: 02/12/26 13:45
Date Received: 02/18/26 08:00

Lab Sample ID: 240-243662-5

Matrix: Water

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			02/24/26 02:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*64 - 136*		*02/24/26 02:16*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			02/24/26 18:22	1
cis-1,2-Dichloroethene	**1.5**		1.0	0.46	ug/L			02/24/26 18:22	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/24/26 18:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/24/26 18:22	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/24/26 18:22	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/24/26 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*62 - 137*		*02/24/26 18:22*	*1*
4-Bromofluorobenzene (Surr)	*103*		*56 - 136*		*02/24/26 18:22*	*1*
Toluene-d8 (Surr)	*98*		*78 - 122*		*02/24/26 18:22*	*1*
Dibromofluoromethane (Surr)	*110*		*73 - 120*		*02/24/26 18:22*	*1*

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

Job ID: 240-243662-1

Client Sample ID: DUP-01

Date Collected: 02/12/26 00:00
Date Received: 02/18/26 08:00

Lab Sample ID: 240-243662-6

Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**3.2**		2.0	0.86	ug/L			02/24/26 03:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*79*		*64 - 136*		*02/24/26 03:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**13**		1.0	0.49	ug/L			02/23/26 20:12	1
cis-1,2-Dichloroethene	**14000**		250	120	ug/L			02/25/26 12:36	250
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/23/26 20:12	1
trans-1,2-Dichloroethene	**400**		250	130	ug/L			02/25/26 12:36	250
Trichloroethene	**1300**		250	110	ug/L			02/25/26 12:36	250
Vinyl chloride	**2600**		250	110	ug/L			02/25/26 12:36	250

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*62 - 137*		*02/23/26 20:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*62 - 137*		*02/25/26 12:36*	*250*
4-Bromofluorobenzene (Surr)	*101*		*56 - 136*		*02/23/26 20:12*	*1*
4-Bromofluorobenzene (Surr)	*99*		*56 - 136*		*02/25/26 12:36*	*250*
Toluene-d8 (Surr)	*94*		*78 - 122*		*02/23/26 20:12*	*1*
Toluene-d8 (Surr)	*94*		*78 - 122*		*02/25/26 12:36*	*250*
Dibromofluoromethane (Surr)	*103*		*73 - 120*		*02/23/26 20:12*	*1*
Dibromofluoromethane (Surr)	*107*		*73 - 120*		*02/25/26 12:36*	*250*

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

Job ID: 240-243662-1

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(62-137)	(56-136)	(78-122)	(73-120)
240-243647-B-2 MS	Matrix Spike	98	107	94	98
240-243647-B-2 MSD	Matrix Spike Duplicate	99	108	98	97
240-243657-E-5 MS	Matrix Spike	98	96	101	100
240-243657-E-5 MSD	Matrix Spike Duplicate	99	100	100	101
240-243662-1	TRIP BLANK_38	102	98	103	97
240-243662-2	MW-02_021226	100	96	99	98
240-243662-2	MW-02_021226	99	87	88	92
240-243662-3	MW-04_021226	103	100	96	100
240-243662-3	MW-04_021226	109	99	94	108
240-243662-4	MW-37_021226	109	98	92	106
240-243662-4	MW-37_021226	109	101	94	107
240-243662-5	MW-38_021226	113	103	98	110
240-243662-5 MS	MW-38-MS_021226	107	102	102	103
240-243662-5 MSD	MW-38-MSD_021226	106	103	101	103
240-243662-6	DUP-01	104	101	94	103
240-243662-6	DUP-01	110	99	94	107
LCS 240-691174/4	Lab Control Sample	99	107	97	99
LCS 240-691205/3	Lab Control Sample	98	101	99	102
LCS 240-691315/30	Lab Control Sample	102	102	99	100
LCS 240-691479/4	Lab Control Sample	97	109	97	95
LCS 240-691481/4	Lab Control Sample	98	93	90	96
MB 240-691174/8	Method Blank	110	99	92	110
MB 240-691205/7	Method Blank	98	97	102	96
MB 240-691315/8	Method Blank	109	99	97	106
MB 240-691479/8	Method Blank	112	103	93	108
MB 240-691481/9	Method Blank	99	88	88	92

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)
		DCA
Lab Sample ID	Client Sample ID	(64-136)
240-243662-2	MW-02_021226	79
240-243662-3	MW-04_021226	78
240-243662-4	MW-37_021226	87
240-243662-5	MW-38_021226	92
240-243662-5 MS	MW-38-MS_021226	89
240-243662-5 MSD	MW-38-MSD_021226	94
240-243662-6	DUP-01	79
LCS 240-691237/3	Lab Control Sample	89
MB 240-691237/5	Method Blank	90

Surrogate Legend

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

Surrogate Summary

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

Job ID: 240-243662-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)								
		DCA								
Lab Sample ID	Client Sample ID	(10-150)								
MRL 240-691237/4	Lab Control Sample	82								

Surrogate Legend

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

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

Lab Sample ID: MB 240-691174/8
Matrix: Water
Analysis Batch: 691174

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			02/23/26 11:48	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/23/26 11:48	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/23/26 11:48	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/23/26 11:48	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/23/26 11:48	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/23/26 11:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*62 - 137*		*02/23/26 11:48*	*1*
4-Bromofluorobenzene (Surr)	*99*		*56 - 136*		*02/23/26 11:48*	*1*
Toluene-d8 (Surr)	*92*		*78 - 122*		*02/23/26 11:48*	*1*
Dibromofluoromethane (Surr)	*110*		*73 - 120*		*02/23/26 11:48*	*1*

Lab Sample ID: LCS 240-691174/4
Matrix: Water
Analysis Batch: 691174

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	27.8		ug/L		111	63 - 134
cis-1,2-Dichloroethene	25.0	26.5		ug/L		106	77 - 123
Tetrachloroethene	25.0	23.8		ug/L		95	76 - 123
trans-1,2-Dichloroethene	25.0	24.2		ug/L		97	75 - 124
Trichloroethene	25.0	25.1		ug/L		100	70 - 122
Vinyl chloride	12.5	10.2		ug/L		81	60 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 137*
4-Bromofluorobenzene (Surr)	*107*		*56 - 136*
Toluene-d8 (Surr)	*97*		*78 - 122*
Dibromofluoromethane (Surr)	*99*		*73 - 120*

Lab Sample ID: 240-243647-B-2 MS
Matrix: Water
Analysis Batch: 691174

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	22.5		ug/L		90	56 - 135
cis-1,2-Dichloroethene	1.0	U	25.0	22.4		ug/L		90	66 - 128
Tetrachloroethene	1.0	U	25.0	19.8		ug/L		79	62 - 131
trans-1,2-Dichloroethene	1.0	U	25.0	20.4		ug/L		82	56 - 136
Trichloroethene	1.0	U	25.0	21.0		ug/L		84	61 - 124
Vinyl chloride	1.0	U	12.5	8.93		ug/L		71	43 - 157

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*62 - 137*
4-Bromofluorobenzene (Surr)	*107*		*56 - 136*
Toluene-d8 (Surr)	*94*		*78 - 122*

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

Lab Sample ID: 240-243647-B-2 MS
Matrix: Water
Analysis Batch: 691174

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

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	*98*		*73 - 120*

Lab Sample ID: 240-243647-B-2 MSD
Matrix: Water
Analysis Batch: 691174

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	23.8		ug/L		95	56 - 135	6	26
cis-1,2-Dichloroethene	1.0	U	25.0	23.4		ug/L		94	66 - 128	4	14
Tetrachloroethene	1.0	U	25.0	20.7		ug/L		83	62 - 131	4	20
trans-1,2-Dichloroethene	1.0	U	25.0	21.7		ug/L		87	56 - 136	6	15
Trichloroethene	1.0	U	25.0	21.8		ug/L		87	61 - 124	4	15
Vinyl chloride	1.0	U	12.5	9.71		ug/L		78	43 - 157	8	24

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 137*
4-Bromofluorobenzene (Surr)	*108*		*56 - 136*
Toluene-d8 (Surr)	*98*		*78 - 122*
Dibromofluoromethane (Surr)	*97*		*73 - 120*

Lab Sample ID: MB 240-691205/7
Matrix: Water
Analysis Batch: 691205

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			02/23/26 12:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/23/26 12:20	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/23/26 12:20	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/23/26 12:20	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/23/26 12:20	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/23/26 12:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*98*		*62 - 137*		*02/23/26 12:20*	*1*
4-Bromofluorobenzene (Surr)	*97*		*56 - 136*		*02/23/26 12:20*	*1*
Toluene-d8 (Surr)	*102*		*78 - 122*		*02/23/26 12:20*	*1*
Dibromofluoromethane (Surr)	*96*		*73 - 120*		*02/23/26 12:20*	*1*

Lab Sample ID: LCS 240-691205/3
Matrix: Water
Analysis Batch: 691205

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	25.5		ug/L		102	63 - 134
cis-1,2-Dichloroethene	25.0	24.7		ug/L		99	77 - 123
Tetrachloroethene	25.0	24.5		ug/L		98	76 - 123
trans-1,2-Dichloroethene	25.0	24.8		ug/L		99	75 - 124
Trichloroethene	25.0	25.0		ug/L		100	70 - 122

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

Lab Sample ID: LCS 240-691205/3
Matrix: Water
Analysis Batch: 691205

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Vinyl chloride			25.0	27.3		ug/L		109	60 - 144		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*62 - 137*
4-Bromofluorobenzene (Surr)	*101*		*56 - 136*
Toluene-d8 (Surr)	*99*		*78 - 122*
Dibromofluoromethane (Surr)	*102*		*73 - 120*

Lab Sample ID: 240-243657-E-5 MS
Matrix: Water
Analysis Batch: 691205

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	21.1		ug/L		85	56 - 135		
cis-1,2-Dichloroethene	1.0	U	25.0	23.5		ug/L		94	66 - 128		
Tetrachloroethene	1.0	U	25.0	19.5		ug/L		78	62 - 131		
trans-1,2-Dichloroethene	1.0	U	25.0	20.9		ug/L		84	56 - 136		
Trichloroethene	1.0	U	25.0	20.8		ug/L		83	61 - 124		
Vinyl chloride	1.0	U	12.5	10.1		ug/L		81	43 - 157		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*62 - 137*
4-Bromofluorobenzene (Surr)	*96*		*56 - 136*
Toluene-d8 (Surr)	*101*		*78 - 122*
Dibromofluoromethane (Surr)	*100*		*73 - 120*

Lab Sample ID: 240-243657-E-5 MSD
Matrix: Water
Analysis Batch: 691205

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	21.7		ug/L		87	56 - 135	3	26
cis-1,2-Dichloroethene	1.0	U	25.0	22.1		ug/L		88	66 - 128	6	14
Tetrachloroethene	1.0	U	25.0	19.4		ug/L		78	62 - 131	0	20
trans-1,2-Dichloroethene	1.0	U	25.0	20.7		ug/L		83	56 - 136	1	15
Trichloroethene	1.0	U	25.0	20.9		ug/L		84	61 - 124	0	15
Vinyl chloride	1.0	U	12.5	11.9		ug/L		95	43 - 157	17	24

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 137*
4-Bromofluorobenzene (Surr)	*100*		*56 - 136*
Toluene-d8 (Surr)	*100*		*78 - 122*
Dibromofluoromethane (Surr)	*101*		*73 - 120*

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

Lab Sample ID: MB 240-691315/8
Matrix: Water
Analysis Batch: 691315

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			02/24/26 11:24	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/24/26 11:24	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/24/26 11:24	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/24/26 11:24	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/24/26 11:24	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/24/26 11:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*62 - 137*		*02/24/26 11:24*	*1*
4-Bromofluorobenzene (Surr)	*99*		*56 - 136*		*02/24/26 11:24*	*1*
Toluene-d8 (Surr)	*97*		*78 - 122*		*02/24/26 11:24*	*1*
Dibromofluoromethane (Surr)	*106*		*73 - 120*		*02/24/26 11:24*	*1*

Lab Sample ID: LCS 240-691315/30
Matrix: Water
Analysis Batch: 691315

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	26.3		ug/L		105	63 - 134		
cis-1,2-Dichloroethene			25.0	25.2		ug/L		101	77 - 123		
Tetrachloroethene			25.0	24.8		ug/L		99	76 - 123		
trans-1,2-Dichloroethene			25.0	25.3		ug/L		101	75 - 124		
Trichloroethene			25.0	25.1		ug/L		101	70 - 122		
Vinyl chloride			25.0	26.7		ug/L		107	60 - 144		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*62 - 137*
4-Bromofluorobenzene (Surr)	*102*		*56 - 136*
Toluene-d8 (Surr)	*99*		*78 - 122*
Dibromofluoromethane (Surr)	*100*		*73 - 120*

Lab Sample ID: 240-243662-5 MS
Matrix: Water
Analysis Batch: 691315

Client Sample ID: MW-38-MS_021226
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	24.7		ug/L		99	56 - 135		
cis-1,2-Dichloroethene	1.5		25.0	25.0		ug/L		94	66 - 128		
Tetrachloroethene	1.0	U	25.0	21.0		ug/L		84	62 - 131		
trans-1,2-Dichloroethene	1.0	U	25.0	23.8		ug/L		95	56 - 136		
Trichloroethene	1.0	U	25.0	22.7		ug/L		91	61 - 124		
Vinyl chloride	1.0	U	25.0	26.3		ug/L		105	43 - 157		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*62 - 137*
4-Bromofluorobenzene (Surr)	*102*		*56 - 136*
Toluene-d8 (Surr)	*102*		*78 - 122*

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

Lab Sample ID: 240-243662-5 MS
Matrix: Water
Analysis Batch: 691315

Client Sample ID: MW-38-MS_021226
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	103		73 - 120

Lab Sample ID: 240-243662-5 MSD
Matrix: Water
Analysis Batch: 691315

Client Sample ID: MW-38-MSD_021226
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	24.4		ug/L		98	56 - 135	1	26
cis-1,2-Dichloroethene	1.5		25.0	25.2		ug/L		95	66 - 128	1	14
Tetrachloroethene	1.0	U	25.0	20.6		ug/L		83	62 - 131	2	20
trans-1,2-Dichloroethene	1.0	U	25.0	23.3		ug/L		93	56 - 136	2	15
Trichloroethene	1.0	U	25.0	22.4		ug/L		90	61 - 124	1	15
Vinyl chloride	1.0	U	25.0	26.0		ug/L		104	43 - 157	1	24

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	106		62 - 137
4-Bromofluorobenzene (Surr)	103		56 - 136
Toluene-d8 (Surr)	101		78 - 122
Dibromofluoromethane (Surr)	103		73 - 120

Lab Sample ID: MB 240-691479/8
Matrix: Water
Analysis Batch: 691479

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			02/25/26 10:41	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/25/26 10:41	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/25/26 10:41	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/25/26 10:41	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/25/26 10:41	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/25/26 10:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		62 - 137		02/25/26 10:41	1
4-Bromofluorobenzene (Surr)	103		56 - 136		02/25/26 10:41	1
Toluene-d8 (Surr)	93		78 - 122		02/25/26 10:41	1
Dibromofluoromethane (Surr)	108		73 - 120		02/25/26 10:41	1

Lab Sample ID: LCS 240-691479/4
Matrix: Water
Analysis Batch: 691479

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	27.0		ug/L		108	63 - 134
cis-1,2-Dichloroethene	25.0	25.6		ug/L		103	77 - 123
Tetrachloroethene	25.0	23.4		ug/L		94	76 - 123
trans-1,2-Dichloroethene	25.0	24.2		ug/L		97	75 - 124
Trichloroethene	25.0	24.6		ug/L		99	70 - 122

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

Lab Sample ID: LCS 240-691479/4
Matrix: Water
Analysis Batch: 691479

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Vinyl chloride			12.5	8.12		ug/L		65	60 - 144		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*62 - 137*
4-Bromofluorobenzene (Surr)	*109*		*56 - 136*
Toluene-d8 (Surr)	*97*		*78 - 122*
Dibromofluoromethane (Surr)	*95*		*73 - 120*

Lab Sample ID: MB 240-691481/9
Matrix: Water
Analysis Batch: 691481

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			02/25/26 10:28	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/25/26 10:28	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/25/26 10:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/25/26 10:28	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/25/26 10:28	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/25/26 10:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 137*		*02/25/26 10:28*	*1*
4-Bromofluorobenzene (Surr)	*88*		*56 - 136*		*02/25/26 10:28*	*1*
Toluene-d8 (Surr)	*88*		*78 - 122*		*02/25/26 10:28*	*1*
Dibromofluoromethane (Surr)	*92*		*73 - 120*		*02/25/26 10:28*	*1*

Lab Sample ID: LCS 240-691481/4
Matrix: Water
Analysis Batch: 691481

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	22.9		ug/L		92	63 - 134		
cis-1,2-Dichloroethene			25.0	21.4		ug/L		86	77 - 123		
Tetrachloroethene			25.0	21.7		ug/L		87	76 - 123		
trans-1,2-Dichloroethene			25.0	21.5		ug/L		86	75 - 124		
Trichloroethene			25.0	24.3		ug/L		97	70 - 122		
Vinyl chloride			12.5	12.0		ug/L		96	60 - 144		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*62 - 137*
4-Bromofluorobenzene (Surr)	*93*		*56 - 136*
Toluene-d8 (Surr)	*90*		*78 - 122*
Dibromofluoromethane (Surr)	*96*		*73 - 120*

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

Lab Sample ID: MB 240-691237/5
Matrix: Water
Analysis Batch: 691237

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			02/23/26 23:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*64 - 136*		*02/23/26 23:31*	*1*

Lab Sample ID: LCS 240-691237/3
Matrix: Water
Analysis Batch: 691237

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 %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*64 - 136*

Lab Sample ID: MRL 240-691237/4
Matrix: Water
Analysis Batch: 691237

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			0.00200	0.00191	J	ng/uL		96	10 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*82*		*10 - 150*

Lab Sample ID: 240-243662-5 MS
Matrix: Water
Analysis Batch: 691237

Client Sample ID: MW-38-MS_021226
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane	2.0	U	10.0	7.94		ug/L		79	45 - 145		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*64 - 136*

Lab Sample ID: 240-243662-5 MSD
Matrix: Water
Analysis Batch: 691237

Client Sample ID: MW-38-MSD_021226
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	2.0	U	10.0	8.11		ug/L		81	45 - 145	2	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*64 - 136*

GC/MS VOA

Analysis Batch: 691174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-243662-3	MW-04_021226	Total/NA	Water	8260D	
240-243662-4	MW-37_021226	Total/NA	Water	8260D	
240-243662-6	DUP-01	Total/NA	Water	8260D	
MB 240-691174/8	Method Blank	Total/NA	Water	8260D	
LCS 240-691174/4	Lab Control Sample	Total/NA	Water	8260D	
240-243647-B-2 MS	Matrix Spike	Total/NA	Water	8260D	
240-243647-B-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Analysis Batch: 691205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-243662-1	TRIP BLANK_38	Total/NA	Water	8260D	
240-243662-2	MW-02_021226	Total/NA	Water	8260D	
MB 240-691205/7	Method Blank	Total/NA	Water	8260D	
LCS 240-691205/3	Lab Control Sample	Total/NA	Water	8260D	
240-243657-E-5 MS	Matrix Spike	Total/NA	Water	8260D	
240-243657-E-5 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Analysis Batch: 691237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-243662-2	MW-02_021226	Total/NA	Water	8260D SIM	
240-243662-3	MW-04_021226	Total/NA	Water	8260D SIM	
240-243662-4	MW-37_021226	Total/NA	Water	8260D SIM	
240-243662-5	MW-38_021226	Total/NA	Water	8260D SIM	
240-243662-6	DUP-01	Total/NA	Water	8260D SIM	
MB 240-691237/5	Method Blank	Total/NA	Water	8260D SIM	
LCS 240-691237/3	Lab Control Sample	Total/NA	Water	8260D SIM	
MRL 240-691237/4	Lab Control Sample	Total/NA	Water	8260D SIM	
240-243662-5 MS	MW-38-MS_021226	Total/NA	Water	8260D SIM	
240-243662-5 MSD	MW-38-MSD_021226	Total/NA	Water	8260D SIM	

Analysis Batch: 691315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-243662-5	MW-38_021226	Total/NA	Water	8260D	
MB 240-691315/8	Method Blank	Total/NA	Water	8260D	
LCS 240-691315/30	Lab Control Sample	Total/NA	Water	8260D	
240-243662-5 MS	MW-38-MS_021226	Total/NA	Water	8260D	
240-243662-5 MSD	MW-38-MSD_021226	Total/NA	Water	8260D	

Analysis Batch: 691479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-243662-3	MW-04_021226	Total/NA	Water	8260D	
240-243662-4	MW-37_021226	Total/NA	Water	8260D	
240-243662-6	DUP-01	Total/NA	Water	8260D	
MB 240-691479/8	Method Blank	Total/NA	Water	8260D	
LCS 240-691479/4	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 691481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-243662-2	MW-02_021226	Total/NA	Water	8260D	
MB 240-691481/9	Method Blank	Total/NA	Water	8260D	
LCS 240-691481/4	Lab Control Sample	Total/NA	Water	8260D	

Client Sample ID: TRIP BLANK_38

Lab Sample ID: 240-243662-1

Date Collected: 02/12/26 00:00

Matrix: Water

Date Received: 02/18/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	691205	SAM	EET CLE	02/23/26 20:03

Client Sample ID: MW-02_021226

Lab Sample ID: 240-243662-2

Date Collected: 02/12/26 10:05

Matrix: Water

Date Received: 02/18/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		100	691481	LEE	EET CLE	02/25/26 13:56
Total/NA	Analysis	8260D		1	691205	SAM	EET CLE	02/23/26 20:26
Total/NA	Analysis	8260D SIM		1	691237	MDH	EET CLE	02/24/26 01:05

Client Sample ID: MW-04_021226

Lab Sample ID: 240-243662-3

Date Collected: 02/12/26 10:55

Matrix: Water

Date Received: 02/18/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	691174	LEE	EET CLE	02/23/26 19:26
Total/NA	Analysis	8260D		250	691479	LEE	EET CLE	02/25/26 11:50
Total/NA	Analysis	8260D SIM		1	691237	MDH	EET CLE	02/24/26 01:29

Client Sample ID: MW-37_021226

Lab Sample ID: 240-243662-4

Date Collected: 02/12/26 12:45

Matrix: Water

Date Received: 02/18/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	691174	LEE	EET CLE	02/23/26 19:49
Total/NA	Analysis	8260D		1	691479	LEE	EET CLE	02/25/26 12:13
Total/NA	Analysis	8260D SIM		1	691237	MDH	EET CLE	02/24/26 01:52

Client Sample ID: MW-38_021226

Lab Sample ID: 240-243662-5

Date Collected: 02/12/26 13:45

Matrix: Water

Date Received: 02/18/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	691315	MS	EET CLE	02/24/26 18:22
Total/NA	Analysis	8260D SIM		1	691237	MDH	EET CLE	02/24/26 02:16

Client Sample ID: DUP-01

Lab Sample ID: 240-243662-6

Date Collected: 02/12/26 00:00

Matrix: Water

Date Received: 02/18/26 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	691174	LEE	EET CLE	02/23/26 20:12
Total/NA	Analysis	8260D		250	691479	LEE	EET CLE	02/25/26 12:36
Total/NA	Analysis	8260D SIM		1	691237	MDH	EET CLE	02/24/26 03:26

Lab Chronicle

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

Job ID: 240-243662-1

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: 240-243662-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0806	09-30-26
Georgia	State	4062	02-27-26
Illinois	NELAP	200004	08-31-26
Iowa	State	421	06-01-27
Kentucky (UST)	State	112225	02-27-26
Kentucky (WW)	State	KY98016	12-31-26
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
North Dakota	State	R-244	02-27-26
Ohio	State	8303	02-27-26
Ohio VAP	State	ORELAP 4062	02-27-26
Oregon	NELAP	4062	02-27-26
Pennsylvania	NELAP	68-00340	08-31-26
Texas	NELAP	T104704517	08-31-26
US Fish & Wildlife	US Federal Programs	A26406	02-28-26
USDA	US Federal Programs	525-24-5-34740	01-05-27
Virginia	NELAP	460175	09-30-26
West Virginia DEP	State	210	03-31-26
Wisconsin	State	399167560	08-31-26

MICHIGAN 190

Chain of Custody Record

1/8

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact	Client Project Manager: Megan Meckley	Site Contact: Samantha Szpalchler	Lab Contact: Mike DelMonico	COC No:
Company Name: Arcadis				
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		For lab use only
Phone: 248-994-2240	Sampler Name: Jeremy Myers	TAT if different from below: ☐ 3 weeks ☑ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day; 10 day		Walk-in:
Project Name: Ford LTP	Method of Shipment/Carrier:			
Project Number: 30309849.401.04	Shipping/Tracking No:			
PO # US 3460029524				

240-243662 COC

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	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	Sample Specific Notes / Special Instructions:
TRIP BLANK_38	----	---		1						1					N	G	X	X	X	X	X	X		1 Trip Blank
~~MW-2_021226~~ MW-02_021226	02/12/26	10:05		6						6					N	G	X	X	X	X	X	X	X	3 VOAs for 8260D 3 VOAs for 8260D SIM
~~MW-4_021226~~ MW-04_021226	02/12/26	10:55		6						6					N	G	X	X	X	X	X	X	X	
MW-37_021226	02/12/26	12:45		6						6					N	G	X	X	X	X	X	X	X	
MW-38_021226	02/12/26	13:45		6						6					N	G	X	X	X	X	X	X	X	
MW-38-MS_021226	02/12/26	13:45		6						6					N	G	X	X	X	X	X	X	X	
MW-38-MSD_021226	02/12/26	13:45		6						6					N	G	X	X	X	X	X	X	X	
DUP-01	02/12/26	~		6						6					N	G	X	X	X	X	X	X	X	

LJ 2/16/26 LJ 2/16/26 LJ 2/16/26

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:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	Arcadis	02/12/26 15:00	Novi Cold Storage	Arcadis	02/12/26 15:00
	Arcadis	2/16/26 1530		EEA	2/16/26 1530
	EEA	2-16-26 1550	Received in Laboratory by:	EC	2/18/26 0820

Eurofins – Cleveland Sample Receipt Form/Narrative Login # 243062
Barberton Facility

Client Arcadis Site Name

Cooler Received on 2/18/2026 Opened on 2/20/2026

Cooler unpacked by: QC

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 (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☑ See Multiple Cooler Form

IR-GUN # IR17 (CF +0.5 °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
-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)?	(Y)	(N)
10 Were correct bottle(s) used for the test(s) indicated? 2/23/26 mc	(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# HC567196
14. Were VOAs 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 # 64324	(Yes)	No
17 Was a LL Hg or Me Hg trip blank present?	(Yes)	No

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

Contacted PM Date by via Verbal Voice Mail Other

Concerning

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Labeled by:

Labels Verified by TC

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.

Login # 243662

Eurofins - Cleveland Sample Receipt Multiple Cooler Form

Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
(EC) Client Box Other	IR GUN #: 17	3.5	4.0	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 1	1.8	2.3	(Wet Ice) Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None

☐ See Temperature Excursion Form

2/21/2026

Login Container Summary Report

240-243662

2/25/2026

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
TRIP BLANK_38	240-243662-A-1	Voa Vial 40ml - Hydrochloric Acid				
MW-02_021226	240-243662-A-2	Voa Vial 40ml - Hydrochloric Acid				
MW-02_021226	240-243662-B-2	Voa Vial 40ml - Hydrochloric Acid				
MW-02_021226	240-243662-C-2	Voa Vial 40ml - Hydrochloric Acid				
MW-02_021226	240-243662-D-2	Voa Vial 40ml - Hydrochloric Acid				
MW-02_021226	240-243662-E-2	Voa Vial 40ml - Hydrochloric Acid				
MW-02_021226	240-243662-F-2	Voa Vial 40ml - Hydrochloric Acid				
MW-04_021226	240-243662-A-3	Voa Vial 40ml - Hydrochloric Acid				
MW-04_021226	240-243662-B-3	Voa Vial 40ml - Hydrochloric Acid				
MW-04_021226	240-243662-C-3	Voa Vial 40ml - Hydrochloric Acid				
MW-04_021226	240-243662-D-3	Voa Vial 40ml - Hydrochloric Acid				
MW-04_021226	240-243662-E-3	Voa Vial 40ml - Hydrochloric Acid				
MW-04_021226	240-243662-F-3	Voa Vial 40ml - Hydrochloric Acid				
MW-37_021226	240-243662-A-4	Voa Vial 40ml - Hydrochloric Acid				
MW-37_021226	240-243662-B-4	Voa Vial 40ml - Hydrochloric Acid				
MW-37_021226	240-243662-C-4	Voa Vial 40ml - Hydrochloric Acid				
MW-37_021226	240-243662-D-4	Voa Vial 40ml - Hydrochloric Acid				
MW-37_021226	240-243662-E-4	Voa Vial 40ml - Hydrochloric Acid				
MW-37_021226	240 243662-F-4	Voa Vial 40ml - Hydrochloric Acid				
MW-38_021226	240-243662-A-5	Voa Vial 40ml - Hydrochloric Acid				
MW-38_021226	240-243662-A-5 MS	Voa Vial 40ml - Hydrochloric Acid				
MW-38_021226	240-243662-A-5 MSD	Voa Vial 40ml - Hydrochloric Acid				
MW-38_021226	240-243662-B-5	Voa Vial 40ml - Hydrochloric Acid				
MW-38_021226	240-243662-B-5 MS	Voa Vial 40ml - Hydrochloric Acid				
MW-38_021226	240-243662-B-5 MSD	Voa Vial 40ml - Hydrochloric Acid				
MW-38_021226	240-243662-C-5	Voa Vial 40ml - Hydrochloric Acid				
MW-38_021226	240-243662-C-5 MS	Voa Vial 40ml - Hydrochloric Acid				
MW-38_021226	240-243662-C-5 MSD	Voa Vial 40ml - Hydrochloric Acid				
MW-38_021226	240-243662-D-5	Voa Vial 40ml - Hydrochloric Acid				
MW-38_021226	240-243662-D-5 MS	Voa Vial 40ml - Hydrochloric Acid				
MW-38_021226	240-243662-D-5 MSD	Voa Vial 40ml - Hydrochloric Acid				
MW-38_021226	240-243662-E-5	Voa Vial 40ml - Hydrochloric Acid				
MW-38_021226	240 243662-E-5 MS	Voa Vial 40ml - Hydrochloric Acid				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
MW-38_021226	240-243662-E-5 MSD	Voa Vial 40ml - Hydrochloric Acid				
MW-38_021226	240-243662-F-5	Voa Vial 40ml - Hydrochloric Acid				
MW-38_021226	240-243662-F-5 MS	Voa Vial 40ml - Hydrochloric Acid				
MW-38_021226	240-243662-F-5 MSD	Voa Vial 40ml - Hydrochloric Acid				
DUP-01	240-243662-A-6	Voa Vial 40ml - Hydrochloric Acid				
DUP-01	240-243662-B-6	Voa Vial 40ml - Hydrochloric Acid				
DUP-01	240-243662-C-6	Voa Vial 40ml - Hydrochloric Acid				
DUP-01	240-243662-D-6	Voa Vial 40ml - Hydrochloric Acid				
DUP-01	240-243662-E-6	Voa Vial 40ml - Hydrochloric Acid				
DUP-01	240-243662-F-6	Voa Vial 40ml - Hydrochloric Acid				

DATA VERIFICATION REPORT

February 25, 2026

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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: 243662-1
Sample date: 2026-02-12
Report received by CADENA: 2026-02-25
Initial Data Verification completed by CADENA: 2026-02-25
Number of Samples:6
Sample Matrices:Water
Test Categories:GCMS VOC
Please see attached criteria report or sample result/qualified analytical result summary for qualifier flags assigned to sample data.

There were no significant QC anomalies or exceptions to report.

Sample/MS/MSD Surrogate Recovery, Blank/LCS Surrogate Recovery, LCS/LCD Recovery, MS/MSD Recovery, MS/MSD RPD, Blank Contamination and Hold Time Exception were reviewed as part of our verification.

Data verification for the report specified above was completed using the Ford Motor Company Environmental Laboratory Technical Specification, the CADENA Standard Operating Procedure for the Verification of Environmental Analytical Data and the associated analytical methods as references for evaluating the batch QC, sample data and report content. The EPA National Functional Guidelines for validating organic and inorganic data were used as guidance when addressing out of control QC results and the associated data qualifiers.

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 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 contaminates) 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 contaminates) 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: 243662-1

		Sample Name:	TRIP BLANK_38				MW-02_021226				MW-04_021226				MW-37_021226				MW-38_021226				DUP-01			
		Lab Sample ID:	2402436621				2402436622				2402436623				2402436624				2402436625				2402436626			
		Sample Date:	2/12/2026				2/12/2026				2/12/2026				2/12/2026				2/12/2026				2/12/2026			
Analyte	Cas No.		Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier
GC/MS VOC																										
OSW-8260D																										
1,1-Dichloroethene	75-35-4		ND	1.0	ug/l	---	2.8	1.0	ug/l	---	13	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	13	1.0	ug/l	---
cis-1,2-Dichloroethene	156-59-2		ND	1.0	ug/l	---	3800	100	ug/l	---	13000	250	ug/l	---	2.3	1.0	ug/l	---	1.5	1.0	ug/l	---	14000	250	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	---	ND	1.0	ug/l	---
trans-1,2-Dichloroethene	156-60-5		ND	1.0	ug/l	---	620	100	ug/l	---	400	250	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	400	250	ug/l	---
Trichloroethene	79-01-6		ND	1.0	ug/l	---	ND	1.0	ug/l	---	1200	250	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	1300	250	ug/l	---
Vinyl chloride	75-01-4		ND	1.0	ug/l	---	280	100	ug/l	---	2500	250	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	2600	250	ug/l	---
OSW-8260DSIM																										
1,4-Dioxane	123-91-1						3.2	2.0	ug/l	---	3.2	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	3.2	2.0	ug/l	---