PREPARED FOR

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

Generated 3/4/2025 6:18:57 AM

JOB DESCRIPTION

Ford LTP

JOB NUMBER

240-219431-1

Eurofins Cleveland 180 S. Van Buren Avenue Barberton OH 44203

Eurofins Cleveland

Job Notes

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Authorization

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Authorized for release by Michael DelMonico, Project Manager I <u>Michael.DelMonico@et.eurofinsus.com</u> (330)966-9783 2

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

Laboratory Job ID: 240-219431-1

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	11
QC Sample Results	12
QC Association Summary	15
Lab Chronicle	16
Certification Summary	17
Chain of Custody	18

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Definitions/Glossary

Client: Arcadis US Inc. Job ID: 240-219431-1

Project/Site: Ford LTP

Qualifiers

GC/MS VOA	
Qualifier	Qualifier Description

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

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

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

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Page 4 of 21 3/4/2025

Case Narrative

Client: Arcadis US Inc. Project: Ford LTP

Job ID: 240-219431-1

Eurofins Cleveland

Job ID: 240-219431-1

Job Narrative 240-219431-1

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

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

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

Receipt

The samples were received on 2/26/2025 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.7°C and 5.0°C.

GC/MS VOA

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

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Method Summary

Client: Arcadis US Inc.

Project/Site: Ford LTP

Job ID: 240-219431-1

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

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

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Sample Summary

Client: Arcadis US Inc.

Project/Site: Ford LTP

Job ID: 240-219431-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-219431-1	TRIP BLANK_7	Water	02/21/25 00:00	02/26/25 08:00
240-219431-2	MW-150S_022125	Water	02/21/25 09:20	02/26/25 08:00

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Detection Summary

Client: Arcadis US Inc. Job ID: 240-219431-1

Project/Site: Ford LTP

Client Sample ID: TRIP BLANK_7 Lab Sample ID: 240-219431-1

No Detections.

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Vinyl chloride	0.96 J	1.0	0.45 ug/L		8260D	Total/NA

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Client Sample Results

Client: Arcadis US Inc. Job ID: 240-219431-1

Project/Site: Ford LTP

Client Sample ID: TRIP BLANK_7

Date Received: 02/26/25 08:00

Dibromofluoromethane (Surr)

Lab Sample ID: 240-219431-1 Date Collected: 02/21/25 00:00

Matrix: Water

02/28/25 19:16

Method: SW846 8260D - Volatile Organic Compounds by GC/MS Result Qualifier RLMDL Unit D Prepared Analyzed Dil Fac 1.0 1,1-Dichloroethene 1.0 U 0.49 ug/L 02/28/25 19:16 cis-1,2-Dichloroethene 1.0 U 1.0 0.46 ug/L 02/28/25 19:16 Tetrachloroethene 1.0 U 1.0 0.44 ug/L 02/28/25 19:16 trans-1,2-Dichloroethene 1.0 U 1.0 0.51 ug/L 02/28/25 19:16 Trichloroethene 1.0 U 1.0 0.44 ug/L 02/28/25 19:16 Vinyl chloride 0.45 ug/L 1.0 U 1.0 02/28/25 19:16 %Recovery Qualifier Surrogate Limits Prepared Analyzed Dil Fac 1,2-Dichloroethane-d4 (Surr) 100 62 - 137 02/28/25 19:16 4-Bromofluorobenzene (Surr) 87 02/28/25 19:16 56 - 136 78 - 122 02/28/25 19:16 Toluene-d8 (Surr) 96

73 - 120

Client Sample Results

Client: Arcadis US Inc. Job ID: 240-219431-1

Project/Site: Ford LTP

Date Received: 02/26/25 08:00

Client Sample ID: MW-150S_022125

Lab Sample ID: 240-219431-2 Date Collected: 02/21/25 09:20

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			02/28/25 13:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		68 - 127			-		02/28/25 13:25	1
Method: SW846 8260D - Volati	le Organic Comp	ounds by G	iC/MS						
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			02/28/25 22:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/28/25 22:00	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/28/25 22:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/28/25 22:00	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/28/25 22:00	1
Vinyl chloride	0.96	J	1.0	0.45	ug/L			02/28/25 22:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)			62 - 137			-		02/28/25 22:00	1
4-Bromofluorobenzene (Surr)	85		56 - 136					02/28/25 22:00	1
Toluene-d8 (Surr)	96		78 - 122					02/28/25 22:00	1
Dibromofluoromethane (Surr)	101		73 - 120					02/28/25 22:00	1

3/4/2025

Surrogate Summary

Client: Arcadis US Inc.

Job ID: 240-219431-1

Project/Site: Ford LTP

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)			
240-219431-1	TRIP BLANK_7	100	87	96	102			
240-219431-2	MW-150S_022125	101	85	96	101			
240-219557-A-2 MS	Matrix Spike	96	97	97	95			
240-219557-B-2 MSD	Matrix Spike Duplicate	99	99	101	100			
240-219557-F-2 DU	Duplicate	98	87	95	98			
LCS 240-646428/5	Lab Control Sample	99	104	100	98			
MB 240-646428/9	Method Blank	98	88	99	97			

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	(68-127)	
240-219431-2	MW-150S_022125	105	
240-219434-B-5 MS	Matrix Spike	104	
240-219434-B-5 MSD	Matrix Spike Duplicate	104	
LCS 240-646369/4	Lab Control Sample	95	
MB 240-646369/5	Method Blank	99	

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

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Client: Arcadis US Inc. Job ID: 240-219431-1

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

Lab Sample ID: MB 240-646428/9

Matrix: Water

Project/Site: Ford LTP

Analysis Batch: 646428

Client Sample ID: Method Blank

Prep Type: Total/NA

MB MB Dil Fac Analyte Result Qualifier RLMDL Unit D Prepared Analyzed 1,1-Dichloroethene 1.0 U 1.0 0.49 ug/L 02/28/25 13:29 cis-1,2-Dichloroethene 1.0 U 1.0 0.46 ug/L 02/28/25 13:29 1.0 U 1.0 0.44 ug/L 02/28/25 13:29 Tetrachloroethene trans-1,2-Dichloroethene 02/28/25 13:29 1.0 U 1.0 0.51 ug/L Trichloroethene 1.0 U 1.0 0.44 ug/L 02/28/25 13:29 Vinyl chloride 1.0 U 1.0 0.45 ug/L 02/28/25 13:29

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		62 - 137		02/28/25 13:29	1
4-Bromofluorobenzene (Surr)	88		56 - 136		02/28/25 13:29	1
Toluene-d8 (Surr)	99		78 - 122		02/28/25 13:29	1
Dibromofluoromethane (Surr)	97		73 - 120		02/28/25 13:29	1

Lab Sample ID: LCS 240-646428/5

Matrix: Water

Analysis Batch: 646428

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1-Dichloroethene	20.0	17.5		ug/L		87	63 - 134	
cis-1,2-Dichloroethene	20.0	17.9		ug/L		90	77 - 123	
Tetrachloroethene	20.0	18.2		ug/L		91	76 - 123	
trans-1,2-Dichloroethene	20.0	17.8		ug/L		89	75 - 124	
Trichloroethene	20.0	18.0		ug/L		90	70 - 122	
Vinyl chloride	20.0	18.6		ug/L		93	60 - 144	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		62 - 137
4-Bromofluorobenzene (Surr)	104		56 ₋ 136
Toluene-d8 (Surr)	100		78 - 122
Dibromofluoromethane (Surr)	98		73 - 120

Lab Sample ID: 240-219557-A-2 MS

Matrix: Water

Analysis Batch: 646428

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

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1-Dichloroethene	1.0	U	20.0	17.9		ug/L		89	56 - 135	
cis-1,2-Dichloroethene	1.0	U	20.0	17.9		ug/L		89	66 - 128	
Tetrachloroethene	1.0	U	20.0	18.7		ug/L		94	62 - 131	
trans-1,2-Dichloroethene	1.0	U	20.0	17.4		ug/L		87	56 - 136	
Trichloroethene	1.0	U	20.0	17.4		ug/L		87	61 - 124	
Vinyl chloride	1.0	U	20.0	19.3		ug/L		97	43 - 157	

Surrogate	%Recovery Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96	62 - 137
4-Bromofluorobenzene (Surr)	97	56 - 136
Toluene-d8 (Surr)	97	78 - 122

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3/4/2025

Page 12 of 21

Client: Arcadis US Inc. Job ID: 240-219431-1

Project/Site: Ford LTP

Lab Sample ID: 240-219557-A-2 MS

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

Matrix: Water

Analysis Batch: 646428

MS MS

Surrogate %Recovery Qualifier Limits Dibromofluoromethane (Surr) 95 73 - 120

Lab Sample ID: 240-219557-B-2 MSD

Matrix: Water

Analysis Batch: 646428

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Client Sample ID: Matrix Spike

Prep Type: Total/NA

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,1-Dichloroethene	1.0	U	20.0	18.7		ug/L		93	56 - 135	4	26
cis-1,2-Dichloroethene	1.0	U	20.0	18.3		ug/L		92	66 - 128	3	14
Tetrachloroethene	1.0	U	20.0	18.6		ug/L		93	62 - 131	0	20
trans-1,2-Dichloroethene	1.0	U	20.0	18.4		ug/L		92	56 - 136	5	15
Trichloroethene	1.0	U	20.0	17.8		ug/L		89	61 - 124	2	15
Vinyl chloride	1.0	U	20.0	18.9		ug/L		95	43 - 157	2	24

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

Lab Sample ID: 240-219557-F-2 DU

Matrix: Water

Analysis Batch: 646428

Client Sample ID: Duplicate
Prep Type: Total/NA

	Sample	Sample	DU	DU				RPD
Analyte	Result	Qualifier	Result	Qualifier	Unit	D	RPD	Limit
1,1-Dichloroethene	1.0	U	1.0	U	ug/L		NC	
cis-1,2-Dichloroethene	1.0	U	1.0	U	ug/L		NC	
Tetrachloroethene	1.0	U	1.0	U	ug/L		NC	
trans-1,2-Dichloroethene	1.0	U	1.0	U	ug/L		NC	
Trichloroethene	1.0	U	1.0	U	ug/L		NC	
Vinyl chloride	1.0	U	1.0	U	ug/L		NC	

DU DU %Recovery Qualifier Limits Surrogate 1,2-Dichloroethane-d4 (Surr) 98 62 - 137 4-Bromofluorobenzene (Surr) 87 56 - 136 Toluene-d8 (Surr) 95 78 - 122 Dibromofluoromethane (Surr) 98 73 - 120

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

Lab Sample ID: MB 240-646369/5

Matrix: Water

Analysis Batch: 646369

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

MB MB

Result Qualifier RLMDL Unit D Dil Fac Analyte Prepared Analyzed 2.0 1,4-Dioxane 2.0 U 0.86 ug/L 02/28/25 07:30

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Page 13 of 21

QC Sample Results

Client: Arcadis US Inc. Job ID: 240-219431-1

Project/Site: Ford LTP

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

MB MB

Lab Sample ID: MB 240-646369/5

Matrix: Water

Analysis Batch: 646369

1,2-Dichloroethane-d4 (Surr)

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

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Dil Fac %Recovery Qualifier Limits Prepared Analyzed 99 68 - 127 02/28/25 07:30

Lab Sample ID: LCS 240-646369/4

Matrix: Water

Surrogate

Analysis Batch: 646369

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits 1,4-Dioxane 10.0 9.32 ug/L 93 75 - 121

LCS LCS Surrogate %Recovery Qualifier

Limits 1,2-Dichloroethane-d4 (Surr) 95 68 - 127

Lab Sample ID: 240-219434-B-5 MS Client Sample ID: Matrix Spike Prep Type: Total/NA

Matrix: Water

Analysis Batch: 646369

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Limits Analyte Unit D %Rec 1,4-Dioxane 2.0 U 10.0 10.2 ug/L 102 20 - 180

MS MS Qualifier Limits Surrogate %Recovery 1,2-Dichloroethane-d4 (Surr) 104 68 - 127

Lab Sample ID: 240-219434-B-5 MSD

Matrix: Water

Analysis Batch: 646369

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit 1,4-Dioxane U 10.0 11.1 20 2.0 ug/L 111 20 - 180

MSD MSD

Surrogate %Recovery Qualifier Limits 68 - 127 1,2-Dichloroethane-d4 (Surr) 104

QC Association Summary

Client: Arcadis US Inc.

Project/Site: Ford LTP

Job ID: 240-219431-1

GC/MS VOA

Analysis Batch: 646369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-219431-2	MW-150S_022125	Total/NA	Water	8260D SIM	
MB 240-646369/5	Method Blank	Total/NA	Water	8260D SIM	
LCS 240-646369/4	Lab Control Sample	Total/NA	Water	8260D SIM	
240-219434-B-5 MS	Matrix Spike	Total/NA	Water	8260D SIM	
240-219434-B-5 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D SIM	

Analysis Batch: 646428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-219431-1	TRIP BLANK_7	Total/NA	Water	8260D	
240-219431-2	MW-150S_022125	Total/NA	Water	8260D	
MB 240-646428/9	Method Blank	Total/NA	Water	8260D	
LCS 240-646428/5	Lab Control Sample	Total/NA	Water	8260D	
240-219557-A-2 MS	Matrix Spike	Total/NA	Water	8260D	
240-219557-B-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	
240-219557-F-2 DU	Duplicate	Total/NA	Water	8260D	

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Lab Chronicle

Client: Arcadis US Inc. Job ID: 240-219431-1

Project/Site: Ford LTP

Client Sample ID: TRIP BLANK_7

Lab Sample ID: 240-219431-1 Date Collected: 02/21/25 00:00

Matrix: Water

Date Received: 02/26/25 08:00

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	8260D		1	646428	AJS	EET CLE	02/28/25 19:16

Client Sample ID: MW-150S_022125

Lab Sample ID: 240-219431-2

Matrix: Water

Date Collected: 02/21/25 09:20 Date Received: 02/26/25 08:00

Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor Number Analyst Lab or Analyzed Total/NA 8260D 646428 AJS EET CLE 02/28/25 22:00 Analysis Total/NA Analysis 8260D SIM 646369 CS EET CLE 02/28/25 13:25 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: 240-219431-1

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
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-26
Illinois	NELAP	200004	08-31-25
lowa	State	421	06-01-25
Kansas	NELAP	E-10336	01-31-26
Kentucky (WW)	State	KY98016	12-31-25
Minnesota	NELAP	039-999-348	12-31-25
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-01-25
Ohio	State	8303	11-04-25
Ohio VAP	State	ORELAP 4062	02-28-26
Oregon	NELAP	4062	02-27-26
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-25
Wisconsin	State	399167560	08-31-25

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Chain of Custody Record

1115
<u>TestAmerica</u>
THE LEADER IN ENVIRONMENTAL TESTING

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

Client Contact	Regulat	ory program:		_ D	w	Γ	NPDE	cs	j 1	RCRA	_ O	ther												
Company Name: Arcadis	Client Project l	Client Project Manager: Megan Meckley S								Site Contact: Samantha Szpaichler Lab Contact: Mike DelMon							Monic	0				TestAmerica Labo	oratories, In	
Address: 28550 Cabot Drive, Suite 500	Telephone: 248						Telephone: 248-994-2240 Telephone: 330-497-9396																	
City/State/Zip: Novi, MI, 48377		Email: kristoffer.hinskey@arcadis.com								-11			Tele	phone	. 330-4							1 of 1 COCs		
Phone: 248-994-2240	Email: kristoff	er.hinskey@ar	adis.com				Anaiya	F15 1 (U)	rnaroun	a 11me	1	Н	1	1	_	A	nalys	es			1	For lab use only		
Project Name: Ford LTP	Sampler Name	1	۸۸		_	TAT	if differ	ent from	below 3 wee	L.												Walk-in client		
		Method of Shipment/Carrier!							2 wee	ks								_				Lab sampling		
Project Number: 30206169.0401.03	Method of Ship								1 wee 2 day		2			8260D			0	SIN		-				
PO # US3460021848	Shipping/Track	ing No:				7		(1 day		Filtered Sample (Y / N)	Composite=C/Grab=C	cis-1,2-DCE 8260D	826			Vinyl Chloride 8260D	1,4-Dioxane 8260D SIM				Job/SDG No:		
				Matri			Conta	iners d	k Preser	vatives	d d	1 1-DCF R260D	DE 8	Trans-1,2-DCE	۾	2	oride	ne 8.						
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Sample Identification	Sample Date	Sample Time	Air Aqueous	Sediment	Other	H2SO4	IIN03		ZaAci	Unpres Other:	ž,		cis-1	Tran	PCE	TCE	Viny	1,4-[Special Instr	uctions:	
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Possible Hazard Identification						S	mple	Dispos	sal (A i	ee may be	assessed	l if sar	nples a	e reta	ined lo	nger ti	han 1 i	nonth	-					
Non-Hazard Clammable cin li			Jnknow	1					to Clien		Disposal				Archive				nths					
Special Instructions/QC Requirements & Comments: 3 Submit all results through Cadena at jtomalia@caden	1350 609	COP																						
Submit all results through Cadena at jtomalia@caden Level IV Reporting requested.		203728																						
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Page 18 of 21

3/4/2025

Packing material used. Shibble Wrap COOLANT Wet Ice Blue Ice Foam Dry Ice Plastic Bag Water None Your

Cooler temperature upon receipt (G <u>'</u> Observed Cooler Temp See Multiple Cooler Form

IR GUN# Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_ BB °C Corrected Cooler Temp ä Z. Tests that are not checked for pH by

3 -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? -Were tamper/custody seals intact and uncompromised? -Were the seals on the outside of the cooler(s) signed & dated? Ye (g)

SS K

3 (3)

Receiving:

്റ്

X

ž(3)

Oil and Grease TOC

VOAs

Shippers' packing slip attached to the cooler(s)?

w 4 N R F 8

9 Did custody papers accompany the sample(s)?

Were the custody papers relinquished & signed in the appropriate place?

Was/were the person(s) who collected the samples clearly identified on the COC?

Did all bottles arrive in good condition (Unbroken)?

Could all bottle labels (ID/Date/Time) be reconciled with the COC?

For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)? R R R

Sufficient quantity received to perform indicated analyses? Were correct bottle(s) used for the test(s) indicated?

Are these work share samples and all listed on the COC?

Were all preserved sample(s) at the correct pH upon receipt? If yes, Questions 13-17 have been checked at the originating laboratory

Were VOAs on the COC?

Were air bubbles >6 mm in any VOA vials? Larger than this

Was a VOA trip blank present in the cooler(s)?

Was a LL Hg or Me Hg trip blank present?

Concerning

Contacted PM

Date Trip Blank Lot# á via Verbal Voice Mail Other

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES 🗔 addıtıonal next page

Samples processed by

<u>1</u>9 SAMPLE CONDITION

Sample(s) Sample(s) Sample(s) were received after the recommended holding time had expired were received in a broken container

were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Time preserved. Sample(s) Preservative(s) added/Lot number(s) were further preserved in the laboratory

VOA Sample Preservation -Date/Time VOAs Frozen

WI-NC-099-123124 Cooler Receipt Form.doc

Yes No

7

No (NA

pH Strip Lot# HC448976

Yes

N B

EC Client Box Other IR GUN #:	EC Client Sox Other R GUN #:	EC Client Box Other IR GUN #:	EC Client Box Other RGUN#:	EC Client Box Other R GUN #:	EC Client box Other IR GUN #:	EC Client box Other IR GUN #:	EC Client 8ox Other IRGUN#:	EC Client Box Other RGUN#:	EC Client Box Other IR GUN #:	EC Client Nox Other IR GUN #:	EC Client Box Other IR GUN #:	C Client Box Other IR GUN #:	(Circle) (Circle)	Cooler Description IR Gun #	Eurofins -		
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WI-NC-099 Cooler Receipt Form Page 2 -- Multiple Coolers

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See Temperature Excursion Form

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> Page 20 of 21 3/4/2025

Login Container Summary Report

240-219431

terriberature readings			
Client Sample ID	<u>Lab ID</u>	Container Type	Container Preservation Preservation pH Temp Added Lot Number
TRIP BLANK_7	240-219431-A-I	Voa Vial 40ml - Hydrochloric Acid	The second secon
MW-150S_022125	240-219431-A-2	Voa Vial 40ml - Hydrochloric Acid	
MW-150S_022125	240-219431-B-2	Voa Vıal 40ml - Hydrochloric Acıd	The state of the s
MW-150S_022125	240-219431-C-2	Voa Vial 40ml - Hydrochloric Acid	
MW-150S_022125	240-219431-D-2	Voa Vial 40ml - Hydrochloric Acid	- Annual Control of the Control of t
MW-150S_022125	240-219431-E-2	Voa Vial 40ml - Hydrochloric Acid	
MW-150S_022125	240-219431-F-2	Voa Vial 40ml - Hydrochloric Acid	

Page 21 of 21

Page 1 of 1

DATA VERIFICATION REPORT



March 04, 2025

Megan Meckley Arcadis 28550 Cabot Drive Suite 500 Novi, MI US 48377

CADENA project ID: E203728

Project: Ford Livonia Transmission Plant - ON-SITE Soil Gas, Ground Water and Soil

Project number: 30251157.401.04 (vapor 301.04) 30206169.0401.04

Event Specific Scope of Work References: Sample COC Laboratory: Eurofins Environment Testing LLC - Cleveland

Laboratory submittal: 219431-1 Sample date: 2025-02-21

Report received by CADENA: 2025-03-04

Initial Data Verification completed by CADENA: 2025-03-04

Number of Samples:2 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, 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 $48108\ 517\text{-}819\text{-}0356$

CADENA Valid Qualifiers

Valid Qualifiers	Description
<	Less than the reported concentration.
>	Greater than the reported concentration.
В	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.
Е	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: 219431-1

		Sample Name: Lab Sample ID:	TRIP BL/ 240219	_			MW-150 240219		.25		
		Sample Date:	2/21/20	25			2/21/20				
			Report			Valid		Report		Valid	
	Analyte	Cas No.	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier	
GC/MS VOC											
<u>OSW-8260</u>	<u>)D</u>										
	1,1-Dichloroethene	75-35-4	ND	1.0	ug/l		ND	1.0	ug/l		
	cis-1,2-Dichloroethene	156-59-2	ND	1.0	ug/l		ND	1.0	ug/l		
	Tetrachloroethene	127-18-4	ND	1.0	ug/l		ND	1.0	ug/l		
	trans-1,2-Dichloroethene	156-60-5	ND	1.0	ug/l		ND	1.0	ug/l		
	Trichloroethene	79-01-6	ND	1.0	ug/l		ND	1.0	ug/l		
	Vinyl chloride	75-01-4	ND	1.0	ug/l		0.96	1.0	ug/l	J	
OSW-8260	<u>DDSIM</u>										
	1,4-Dioxane	123-91-1					ND	2.0	ug/l		



Ford Motor Company – Livonia Transmission Project

Data Review

Livonia, Michigan

Volatile Organic Compounds (VOC) Analysis

SDG # 240-219431-1

CADENA Verification Report: 2025-03-04

Analyses Performed By: Eurofins Cleveland Barberton, Ohio

Report # 58581R Review Level: Tier III Project: 30206169.0401.02

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) # 240-219431-1 for samples collected in association with the Ford – Livonia, Michigan site. The review was conducted as a Tier III validation in addition to a verification/Tier II validation review performed by CADENA Inc. and included review of level IV laboratory data package completeness. Only elements of a Tier III validation effort (Tier III) include a detailed review of laboratory raw data to check for errors in calculation, calibration review, internal standard review and compound identification) and omitted deviations from the CADENA verification/Tier II report are documented in this report. Only analytical data associated with constituents of concern were reviewed for this validation. Field documentation was not included in this review. Included with this assessment are the validation annotated sample result sheets, and chain of custody. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample	Parent Sample	Ana	lysis
Sample ID	Lab ID	WatitA	Collection Date	Farent Sample		VOC SIM
TRIP BLANK_7	240-219431-1	Water	02/21/2025		X	
MW-150S_022125	240-219431-2	Water	02/21/2025		Х	X

ANALYTICAL DATA PACKAGE DOCUMENTATION

The table below is the evaluation of the data package completeness.

Items Reviewed	Rep	orted	Perfor Accep		Not Required
	No	Yes	No	Yes	Required
Sample receipt condition		Х		Х	
2. Requested analyses and sample results		X		Х	
Master tracking list		X		X	
4. Methods of analysis		X		Х	
5. Reporting limits		X		Х	
6. Sample collection date		X		Х	
7. Laboratory sample received date		Х		Х	
8. Sample preservation verification (as applicable)		Х		Х	
Sample preparation/extraction/analysis dates		X		Х	
10. Fully executed Chain-of-Custody (COC) form		Х		Х	
Narrative summary of Quality Assurance or sample problems provided		Х		Х	
12. Data Package Completeness and Compliance		Х		Х	

ORGANIC ANALYSIS INTRODUCTION

Analyses were performed according to United States Environmental Protection Agency (USEPA) SW-846 Method 8260D and 8260D SIM. Data were reviewed in accordance with USEPA National Functional Guidelines for Organic Superfund Methods Data Review, EPA 540-R-20-005, November 2020 (with reference to the historical USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, OSWER 9240.1-05A-P, October 1999), as appropriate.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

- Concentration (C) Qualifiers
 - U The analyte was analyzed for but was not detected above the level of the reported sample quantitation limit.
 - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers
 - E The compound was quantitated above the calibration range.
 - D Concentration is based on a diluted sample analysis.
- Validation Qualifiers
 - J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
 - UJ The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
 - UB Analyte considered non-detect at the listed value due to associated blank contamination.
 - R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

VOLATILE ORGANIC COMPOUND (VOC) ANALYSES

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 8260D/8260D-SIM	Water	14 days from collection to analysis	Cool to < 6 °C; pH < 2 with HCl

All samples were analyzed within the specified holding time criteria.

2. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable, and all analyses were performed within a 12-hour tune clock.

System performance and column resolution were acceptable.

3. Calibration

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

3.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds associated with the initial calibration standards must exhibit a %RSD less than the control limit (20%) or a correlation coefficient greater than 0.99 and an RRF value greater than control limit (0.05).

All compounds associated with the initial calibrations were within the specified control limits.

3.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%) and RRF value greater than control limit (0.05).

All compounds associated with the continuing calibrations were within the specified control limits.

4. Internal Standard Performance

Internal standard performance criteria ensure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria require the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard responses were within control limits.

5. Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit of 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water matrices.

A field duplicate sample was not collected for samples from this SDG.

6. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

All identified compounds met the specified criteria.

7. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

DATA VALIDATION CHECKLIST FOR VOCs

VOCs: 8260D/8260D-SIM	Rep	orted	Perfo	Not Required	
	No	Yes	No	Yes	Required
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (G	C/MS)				
Tier II Validation					
Holding times/Preservation		Х		Х	
Tier III Validation			'	'	
System performance and column resolution		Х		Х	
Initial calibration %RSDs		Х		Х	
Continuing calibration RRFs		Х		Х	
Continuing calibration %Ds		Х		Х	
Instrument tune and performance check		Х		Х	
Ion abundance criteria for each instrument used		Х		Х	
Field Duplicate RPD	Х				Х
Internal standard		Х		Х	
Compound identification and quantitation					
A. Reconstructed ion chromatograms		Х		Х	
B. Quantitation Reports		Х		Х	
C. RT of sample compounds within the established RT windows		Х		Х	
D. Transcription/calculation errors present		X		X	
E. Reporting limits adjusted to reflect sample dilutions		Х		Х	

Notes:

%RSD Relative standard deviation

%R Percent recovery

RPD Relative percent difference

%D Percent difference

VALIDATION PERFORMED BY: Febin J S

SIGNATURE: ()

DATE: March 28, 2025

PEER REVIEW: Andrew Korycinski

DATE: March 31, 2025

NO CORRECTIONS/QUALIFERS ADDED TO SAMPLE ANALYSIS DATA SHEETS



Chain of Custody Record

1115
<u>TestAmerica</u>
THE LEADER IN ENVIRONMENTAL TESTING

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

Client Contact	Regulat	ory program:		_ D	w	Γ	NPDE	cs	j 1	RCRA	_ O	ther												
Company Name: Arcadis	Client Project l	Manager: Mega	n Meckle	y		Site	Conta	ct: Sa	mantha	Szpaichle	r	-	Lab	Conta	ct: Mil	ke Del	Monic	0				TestAmerica Labo	oratories, In	
Address: 28550 Cabot Drive, Suite 500		hone: 248-994-2240 Telephone: 248-994-2240 Telephone: 330-497-9396																						
City/State/Zip: Novi, MI, 48377													1 of 1	COCs										
Phone: 248-994-2240	Email: kristoff	er.hinskey@ar	adis.com				Anaiya	F15 1 (U)	ragroun	a 11me	1	Н	1	1	_	A	naiys	es			1	For lab use only		
Project Name: Ford LTP	Sampler Name	1	۸۸		_	TAT	if differ	ent from	below 3 wee	L.												Walk-in client		
		Je My	11	441	<u> </u>	_ 10	0 day	10	2 wee	ks								_				Lab sampling		
Project Number: 30206169.0401.03	Method of Ship	ment/Carrier!							1 wee 2 day		2			8260D			0	SIN		-				
PO # US3460021848	Shipping/Track	ing No:				7		(1 day		Filtered Sample (Y / N)	Composite=C/Grab=C	cis-1,2-DCE 8260D	826			Vinyl Chloride 8260D	1,4-Dioxane 8260D SIM				Job/SDG No:		
				Matri			Conta	iners d	k Preser	vatives	d d	1 1-DCF R260D	DE 8	Trans-1,2-DCE	۾	2	oride	ne 8.						
			9	Ē	<u>.</u>	=	_	-		۲ E	red S		2-00-2	s-1,2	PCE 8260D	TCE 8260D	중)ioxa				Sample Specif		
Sample Identification	Sample Date	Sample Time	Air Aqueous	Sediment	Other	H2SO4	IIN03		ZaAci	Unpres Other:	ž,		cis-1	Tran	PCE	TCE	Viny	1,4-[Special Instr	uctions:	
TRIP BLANK_ 7			1				1	1			N	3 >	< x	X	Х	Х	Х					1 Trip Blank	(
MW-1505_=22125	02/21/25	9:20	6					b			A	έX	X	X		V	1	X				3 VOAs for 82		
11/0-1303-050/03	011010	1.00	ΗΨ		+	\vdash	-	6	+		1,4	1	1.,	X	X	Δ	X	! `			+	3 VOAs for 82	260D SIM	
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Page 18 of 21

3/4/2025

Definitions/Glossary

Client: Arcadis US Inc. Job ID: 240-219431-1

Project/Site: Ford LTP

Qualifiers

GC/MS VOA	
Qualifier	Qualifier Description

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

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

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

Eurofins Cleveland

Page 4 of 21 3/4/2025

Client Sample Results

Client: Arcadis US Inc. Job ID: 240-219431-1

Project/Site: Ford LTP

Client Sample ID: TRIP BLANK_7

Date Received: 02/26/25 08:00

Dibromofluoromethane (Surr)

Lab Sample ID: 240-219431-1 Date Collected: 02/21/25 00:00

Matrix: Water

02/28/25 19:16

Method: SW846 8260D - Volatile Organic Compounds by GC/MS Result Qualifier RLMDL Unit D Prepared Analyzed Dil Fac 1.0 1,1-Dichloroethene 1.0 U 0.49 ug/L 02/28/25 19:16 cis-1,2-Dichloroethene 1.0 U 1.0 0.46 ug/L 02/28/25 19:16 Tetrachloroethene 1.0 U 1.0 0.44 ug/L 02/28/25 19:16 trans-1,2-Dichloroethene 1.0 U 1.0 0.51 ug/L 02/28/25 19:16 Trichloroethene 1.0 U 1.0 0.44 ug/L 02/28/25 19:16 Vinyl chloride 0.45 ug/L 1.0 U 1.0 02/28/25 19:16 %Recovery Qualifier Surrogate Limits Prepared Analyzed Dil Fac 1,2-Dichloroethane-d4 (Surr) 100 62 - 137 02/28/25 19:16 4-Bromofluorobenzene (Surr) 87 02/28/25 19:16 56 - 136 78 - 122 02/28/25 19:16 Toluene-d8 (Surr) 96

73 - 120

Client Sample Results

Client: Arcadis US Inc. Job ID: 240-219431-1

Project/Site: Ford LTP

Date Received: 02/26/25 08:00

Client Sample ID: MW-150S_022125

Lab Sample ID: 240-219431-2 Date Collected: 02/21/25 09:20

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			02/28/25 13:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		68 - 127			-		02/28/25 13:25	1
Method: SW846 8260D - Volati	le Organic Comp	ounds by G	iC/MS						
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			02/28/25 22:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/28/25 22:00	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/28/25 22:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/28/25 22:00	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/28/25 22:00	1
Vinyl chloride	0.96	J	1.0	0.45	ug/L			02/28/25 22:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)			62 - 137			-		02/28/25 22:00	1
4-Bromofluorobenzene (Surr)	85		56 - 136					02/28/25 22:00	1
Toluene-d8 (Surr)	96		78 - 122					02/28/25 22:00	1
Dibromofluoromethane (Surr)	101		73 - 120					02/28/25 22:00	1

3/4/2025