PREPARED FOR

Attn: Kristoffer Hinskey Arcadis U.S., Inc. 28550 Cabot Drive Suite 500 Novi, Michigan 48377

Generated 5/29/2024 8:02:43 AM

JOB DESCRIPTION

Ford LTP

JOB NUMBER

240-204753-1

Eurofins Cleveland 180 S. Van Buren Avenue Barberton OH 44203

Eurofins Cleveland

Job Notes

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Authorization

Generated 5/29/2024 8:02:43 AM

Authorized for release by Michael DelMonico, Project Manager I Michael.DelMonico@et.eurofinsus.com (330)497-9396

Client: Arcadis U.S., Inc. Project/Site: Ford LTP

Laboratory Job ID: 240-204753-1

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Definitions/Glossary

Client: Arcadis U.S., Inc. Job ID: 240-204753-1

Project/Site: Ford LTP

Qualifiers

GC/MS VOA

Qualifier

Qualifier Description MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not

applicable.

Е Result exceeded calibration range.

U Indicates the analyte was analyzed for but not detected.

Glossary

DL, RA, RE, IN

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)

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 Minimum Level (Dioxin) ML MPN Most Probable Number MQL Method Quantitation Limit

Not Calculated NC

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

RER

Quality Control QC

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) Toxicity Equivalent Quotient (Dioxin) TFO

TNTC Too Numerous To Count

Case Narrative

Client: Arcadis U.S., Inc. Project: Ford LTP

Job ID: 240-204753-1 Eurofins Cleveland

Job Narrative 240-204753-1

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample 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 5/18/2024 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.7°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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Job ID: 240-204753-1

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Method Summary

Client: Arcadis U.S., Inc.

Project/Site: Ford LTP

Job ID: 240-204753-1

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

Protocol References:

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

Laboratory References:

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

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Sample Summary

Client: Arcadis U.S., Inc.

Project/Site: Ford LTP

Job ID: 240-204753-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-204753-1	TRIP BLANK_41	Water	05/15/24 00:00	05/18/24 08:00
240-204753-2	MW-107S_051524	Water	05/15/24 10:41	05/18/24 08:00
240-204753-3	MW-133S_051524	Water	05/15/24 13:18	05/18/24 08:00

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Detection Summary

Project/Site: Ford LTP

Client Sample ID: TRIP BLANK_41

No Detections.

Client Sample ID: MW-107S_051524

No Detections.

Client Sample ID: MW-133S_051524

Lab Sample ID: 240-204753-2

Lab Sample ID: 240-204753-3

7

Job ID: 240-204753-1

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Client: Arcadis U.S., Inc.

No Detections.

Client: Arcadis U.S., Inc. Job ID: 240-204753-1

Project/Site: Ford LTP

Client Sample ID: TRIP BLANK_41

Date Received: 05/18/24 08:00

Lab Sample ID: 240-204753-1 Date Collected: 05/15/24 00:00

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/25/24 12:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/25/24 12:20	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/25/24 12:20	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/25/24 12:20	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/25/24 12:20	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/25/24 12:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		62 - 137			-		05/25/24 12:20	1
4-Bromofluorobenzene (Surr)	94		56 ₋ 136					05/25/24 12:20	1
Toluene-d8 (Surr)	99		78 - 122					05/25/24 12:20	1
Dibromofluoromethane (Surr)	100		73 - 120					05/25/24 12:20	1

5/29/2024

Client: Arcadis U.S., Inc. Job ID: 240-204753-1

Project/Site: Ford LTP

Client Sample ID: MW-107S_051524

Date Collected: 05/15/24 10:41

Matrix: Water

Lab Sample ID: 240-204753-2

05/25/24 13:52

Date Received: 05/18/24 08:00

Dibromofluoromethane (Surr)

Method: SW846 8260D SIM - V	/olatile Organic C	ompounds	(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			05/24/24 01:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		68 - 127			-		05/24/24 01:58	1
- Method: SW846 8260D - Volati	ile Organic Comp	ounds by G	C/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/25/24 13:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/25/24 13:52	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/25/24 13:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/25/24 13:52	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/25/24 13:52	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/25/24 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		62 - 137			_		05/25/24 13:52	1
4-Bromofluorobenzene (Surr)	96		56 ₋ 136					05/25/24 13:52	1
Toluene-d8 (Surr)	98		78 ₋ 122					05/25/24 13:52	1

73 - 120

101

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Client: Arcadis U.S., Inc. Job ID: 240-204753-1

Project/Site: Ford LTP

Client Sample ID: MW-133S_051524

Date Collected: 05/15/24 13:18

Lab Sample ID: 240-204753-3 Matrix: Water

Date Received: 05/18/24 08:00	Date	Received:	05/18/24	08:00
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Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			05/24/24 02:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		68 - 127			-		05/24/24 02:22	

1,2-Dichloroethane-d4 (Surr)	97		68 - 127			_		05/24/24 02:22	1
- Method: SW846 8260D - Vola	tile Organic Comp	ounds by G	C/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/25/24 14:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/25/24 14:15	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/25/24 14:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/25/24 14:15	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/25/24 14:15	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/25/24 14:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier Limits	Prepared Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105	62 - 137	05/25/24 14	15 1
4-Bromofluorobenzene (Surr)	94	56 - 136	05/25/24 14	15 1
Toluene-d8 (Surr)	97	78 - 122	05/25/24 14	15 1
Dibromofluoromethane (Surr)	100	73 - 120	05/25/24 14	15 1

Surrogate Summary

Client: Arcadis U.S., Inc. Job ID: 240-204753-1 Project/Site: Ford LTP

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

Matrix: Water Prep Type: Total/NA

				Percent Sur	rogate Reco
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(62-137)	(56-136)	(78-122)	(73-120)
240-204691-B-33 MS	Matrix Spike	103	102	100	102
240-204691-B-33 MSD	Matrix Spike Duplicate	103	102	100	104
240-204753-1	TRIP BLANK_41	104	94	99	100
240-204753-2	MW-107S_051524	104	96	98	101
240-204753-3	MW-133S_051524	105	94	97	100
LCS 240-614421/4	Lab Control Sample	99	102	99	100
MB 240-614421/6	Method Blank	102	94	98	100

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)

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

			Percent Surrogate Recovery (Acceptance Limits)
		DCA	
Lab Sample ID	Client Sample ID	(68-127)	
240-204753-2	MW-107S_051524	98	
240-204753-3	MW-133S_051524	97	
240-204757-E-3 MS	Matrix Spike	98	
240-204757-E-3 MSD	Matrix Spike Duplicate	96	
LCS 240-614186/3	Lab Control Sample	93	
MB 240-614186/5	Method Blank	93	

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

Client: Arcadis U.S., Inc. Job ID: 240-204753-1 Project/Site: Ford LTP

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

Lab Sample ID: MB 240-614421/6

Matrix: Water

Analysis Batch: 614421

Client San	iple ID:	Method	Blank
	Pron	Type: To	tal/NA

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/25/24 11:34	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/25/24 11:34	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/25/24 11:34	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/25/24 11:34	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/25/24 11:34	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/25/24 11:34	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		62 - 137		05/25/24 11:34	1
4-Bromofluorobenzene (Surr)	94		56 - 136		05/25/24 11:34	1
Toluene-d8 (Surr)	98		78 - 122		05/25/24 11:34	1
Dibromofluoromethane (Surr)	100		73 - 120		05/25/24 11:34	1

Lab Sample ID: LCS 240-614421/4

Matrix: Water

Analysis Batch: 614421

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	25.0	28.6		ug/L		114	63 - 134	
cis-1,2-Dichloroethene	25.0	26.2		ug/L		105	77 - 123	
Tetrachloroethene	25.0	27.2		ug/L		109	76 - 123	
trans-1,2-Dichloroethene	25.0	29.0		ug/L		116	75 - 124	
Trichloroethene	25.0	26.5		ug/L		106	70 - 122	
Vinyl chloride	12.5	11.2		ug/L		89	60 - 144	

LCS LCS

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

Lab Sample ID: 240-204691-B-33 MS

Matrix: Water

Analysis Batch: 614421

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	360	J	12500	15200		ug/L		119	56 - 135	
cis-1,2-Dichloroethene	77000	E	12500	85200	E 4	ug/L		66	66 - 128	
Tetrachloroethene	500	U	12500	13100		ug/L		105	62 - 131	
trans-1,2-Dichloroethene	500	U	12500	15300		ug/L		122	56 - 136	
Trichloroethene	500	U	12500	13000		ug/L		104	61 - 124	
Vinyl chloride	12000		6250	16700		ug/L		76	43 - 157	

MS MS

Surrogate	%Recovery Qu	ualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		62 - 137
4-Bromofluorobenzene (Surr)	102		56 - 136
Toluene-d8 (Surr)	100		78 - 122

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Spike

Added

12500

12500

12500

12500

12500

6250

12900

17300

Job ID: 240-204753-1

Client: Arcadis U.S., Inc. Project/Site: Ford LTP

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

Lab Sample ID: 240-204691-B-33 MS

Matrix: Water

Analysis Batch: 614421

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

MS MS

Sample Sample

360 J

77000 F

500 U

500 U

500 U

12000

Result Qualifier

Surrogate %Recovery Qualifier Limits Dibromofluoromethane (Surr) 102 73 - 120

Lab Sample ID: 240-204691-B-33 MSD

Matrix: Water

1,1-Dichloroethene

Tetrachloroethene

Trichloroethene

Vinyl chloride

cis-1,2-Dichloroethene

trans-1.2-Dichloroethene

Analyte

Analysis Batch: 614421

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

61 - 124

43 - 157

MSD MSD RPD %Rec Result Qualifier Unit D %Rec Limits RPD Limit 15400 ug/L 121 56 - 135 2 26 86800 F 4 79 66 - 128 ug/L 2 14 12700 ug/L 102 62 - 131 20 15 15200 ug/L 121 56 - 136

103

87

ug/L

ug/L

MSD MSD

MR MR

Qualifier Surrogate %Recovery Limits 1,2-Dichloroethane-d4 (Surr) 103 62 - 137 102 4-Bromofluorobenzene (Surr) 56 - 136 Toluene-d8 (Surr) 100 78 - 122 Dibromofluoromethane (Surr) 104 73 - 120

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

Lab Sample ID: MB 240-614186/5

Matrix: Water

Analysis Batch: 614186

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Type: Total/NA

0

Analyte Result Qualifier RL MDL Unit Analyzed Dil Fac Prepared 1,4-Dioxane 2.0 U 2.0 0.86 ug/L 05/24/24 00:24 MB MB

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1,2-Dichloroethane-d4 (Surr) 93 68 - 127 05/24/24 00:24

Lab Sample ID: LCS 240-614186/3

Matrix: Water

Analysis Batch: 614186

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %Rec Limits 1,4-Dioxane 10.0 9.38 ug/L 75 - 121

LCS LCS

%Recovery Qualifier Surrogate Limits 68 - 127 1,2-Dichloroethane-d4 (Surr) 93

Lab Sample ID: 240-204757-E-3 MS

Matrix: Water

Analysis Batch: 614186

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

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Limits Analyte Unit %Rec 1,4-Dioxane 2.0 U 10.0 9.53 95 20 - 180 ug/L

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5/29/2024

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QC Sample Results

Client: Arcadis U.S., Inc. Job ID: 240-204753-1

Project/Site: Ford LTP

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

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		68 - 127

_	
Lab Sample	ID: 240-204757-E-3 MSD

Matrix: Water

Surrogate

1,2-Dichloroethane-d4 (Surr)

-	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,4-Dioxane	2.0	U	10.0	9.76		ug/L		98	20 - 180	2	20
	MSD	MSD									

%Recovery Qualifier Limits 96

68 - 127

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

QC Association Summary

Client: Arcadis U.S., Inc.

Project/Site: Ford LTP

Job ID: 240-204753-1

GC/MS VOA

Analysis Batch: 614186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-204753-2	MW-107S_051524	Total/NA	Water	8260D SIM	
240-204753-3	MW-133S_051524	Total/NA	Water	8260D SIM	
MB 240-614186/5	Method Blank	Total/NA	Water	8260D SIM	
LCS 240-614186/3	Lab Control Sample	Total/NA	Water	8260D SIM	
240-204757-E-3 MS	Matrix Spike	Total/NA	Water	8260D SIM	
240-204757-E-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D SIM	

Analysis Batch: 614421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-204753-1	TRIP BLANK_41	Total/NA	Water	8260D	
240-204753-2	MW-107S_051524	Total/NA	Water	8260D	
240-204753-3	MW-133S_051524	Total/NA	Water	8260D	
MB 240-614421/6	Method Blank	Total/NA	Water	8260D	
LCS 240-614421/4	Lab Control Sample	Total/NA	Water	8260D	
240-204691-B-33 MS	Matrix Spike	Total/NA	Water	8260D	
240-204691-B-33 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

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Lab Chronicle

Client: Arcadis U.S., Inc. Job ID: 240-204753-1

Project/Site: Ford LTP

Client Sample ID: TRIP BLANK_41

Date Collected: 05/15/24 00:00 **Matrix: Water** Date Received: 05/18/24 08:00

Lab Sample ID: 240-204753-1

Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor Number Analyst Lab or Analyzed 8260D EET CLE 05/25/24 12:20 Total/NA Analysis 614421 SAM

Client Sample ID: MW-107S_051524 Lab Sample ID: 240-204753-2

Date Collected: 05/15/24 10:41 **Matrix: Water**

Date Received: 05/18/24 08:00

Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor Number Analyst or Analyzed Lab Total/NA 8260D SAM EET CLE 05/25/24 13:52 Analysis 614421 Total/NA Analysis 8260D SIM 614186 MDH 05/24/24 01:58 1 **EET CLE**

Client Sample ID: MW-133S_051524 Lab Sample ID: 240-204753-3

Date Collected: 05/15/24 13:18 **Matrix: Water**

Date Received: 05/18/24 08:00

Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor **Number Analyst** or Analyzed Lab 05/25/24 14:15 Total/NA 8260D 614421 SAM EET CLE Analysis 8260D SIM 614186 MDH 05/24/24 02:22 Total/NA Analysis EET CLE 1

Laboratory References:

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

Eurofins Cleveland

Accreditation/Certification Summary

Client: Arcadis U.S., Inc.

Project/Site: Ford LTP

Job ID: 240-204753-1

Laboratory: Eurofins Cleveland

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

Georgia Illinois owa Kentucky (UST) Kentucky (WW) Minnesota New Jersey	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	07-31-24
lowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Jersey	NELAP	OH001	06-30-24
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-24
Texas	NELAP	T104704517-22-19	08-31-24
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-24
West Virginia DEP	State	210	12-31-24

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Chain of Custody Record

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TestAmerica Laboratory location: Brighton --- 10448 Citation Drive, Suite 200 / Brighton, MI 48116 / 810-229-2763 Client Contact Regulatory program: NPDES RCRA Other Company Name: Arcadis TestAmerica Laboratories, Inc. Client Project Manager: Kris Hinskey Site Contact: Christina Weaver Lab Contact: Mike DelMonico Address: 28550 Cabot Drive, Suite 500 Telephone: 248-994-2240 Telephone: 248-994-2240 Telephone: 330-497-9396 City/State/Zip: Novi, MI, 48377 1 of 1 COCs Analysis Turnaround Time Analyses Email: kristoffer.hinskey@arcadis.com For lab use only Phone: 248-994-2240 Walk-in client TAT if different from below Project Name: Ford LTP ✓ 2 weeks Lab sampling Project Number: 30206169.0401.03 1 week 8260D SIM 2 days Vinyl Chloride 8260D PO # US3410018772 ☐ 1 day Job/SDG No: Shipping/Tracking No: Matrix Containers & Preservatives Sample Specific Notes / Aqueous HNO3 Special Instructions: Sample Identification Sample Date Sample Time TRIP BLANK_41 1 Trip Blank 3 VOAs for 8260D MW-1075_051524 5115/24 1041 3 VOAs for 8260D SIM 11 MW-1335_051524 5/15/24 1318 Possible Hazard Identification Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) cin Irritant Poison B Jnknown Return to Client Disposal By Lab Archive For Special Instructions/QC Requirements & Comments: Stark + Capital Row Submit all results through Cadena at jtomalia@cadenaco.com. Cadena #E203728 Level IV Reporting requested. Company: 051524 Wyumhelski Cold Stevan

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Eurofins – Cleveland Sample Receipt Form/Narrative Login # : Login # :
5/18/24 Opened on 05/18/24
FedEx: 1st Grd Exp UPS FAS Whypbint Client Drop Off Eurofins Courier Other Receipt After-hours: Drop-off Date/Time Storage Location
ox Client Cooler Box
Packing material used: Bubble Wrap Foam Plastic Bag None Other COOLANT: Wey(Ic) Blue Ice Dry Ice Water None Cooler temperature upon receipt See Multiple Cooler Form
IR GUN #
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? -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No Checked for pH by
Yes (No) NA
Did custody papers accompany the sample(s)? Were the custody papers relinquished & signed in the appropriate place? Yes
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)? Were correct bottle(s) used for the test(s) indicated?
11. Sufficient quantity received to perform indicated analyses? 12. Are these work share samples and all listed on the COC? Yes (Ng)
Were all preserved sample(s) at the correct pH upon Were VOAs on the COC?
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 004 301 T Yes No 17. Was a LL Hg or Me Hg trip blank present?
Contacted PM Date by via Verbal Voice Mail Other
Concerning
18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES additional next page Samples processed by:
Sample(s)were received after the recommended holding time had expired. Sample(s)were received after the recommended holding time had expired. Sample(s)were received with highly >6 mm in diameter. (Notify DM)
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:

Page 20 of 21

Login Container Summary Report

240-204753

MW-133S_051524	MW-133S_051524	MW-133S_051524	MW-133S_051524	MW-133S_051524	MW-133S_051524	MW-107S_051524	MW-107S_051524	MW-107S_051524	MW-107S_051524	MW-107S_051524	MW-107S_051524	TRIP BLANK_41	Client Sample ID	Temperature readings
240-204753-F-3	240-204753-E-3	240-204753-D-3	240-204753-C-3	240-204753-B-3	240-204753-A-3	240-204753-F-2	240-204753-E-2	240-204753-D-2	240-204753-C-2	240-204753-B-2	240-204753-A-2	240-204753-A-1	<u>Lab ID</u>	S
Voa Vial 40ml - Hydrochloric Acid	Voa Vial 40ml - Hydrochloric Acid	Voa Vial 40ml - Hydrochloric Acid	Voa Vial 40ml - Hydrochloric Acıd	Voa Vıal 40ml - Hydrochloric Acid	Voa Vial 40ml - Hydrochloric Acıd	Voa Vial 40ml - Hydrochloric Acid	Voa Vial 40ml - Hydrochloric Acid	Voa Vıal 40ml - Hydrochloric Acid	Voa Vial 40ml - Hydrochloric Acid	Voa Vial 40ml - Hydrochloric Acid	Voa Vial 40ml - Hydrochloric Acıd	Voa Vial 40ml - Hydrochloric Acid	Container Type	
													Container Preservation Preservation pH Temp Added Lot Number	5,0

Page 21 of 21 5/29/2024

DATA VERIFICATION REPORT



May 29, 2024

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

CADENA project ID: E203728

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

Project number: 30206169.401.03

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

Laboratory submittal: 204753-1 Sample date: 2024-05-15

Report received by CADENA: 2024-05-29

Initial Data Verification completed by CADENA: 2024-05-29

Number of Samples:3 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.

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.
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: 204753-1

		Sample Name:	TRIP BLA	ANK_41			MW-107	7S_0515	24		MW-133	1W-133S_051524					
		Lab Sample ID:	240204	7531			240204	7532			240204	7533					
		Sample Date:	5/15/20	24			5/15/20)24			5/15/20	24					
				Report		Valid		Report		Valid		Report		Valid			
	Analyte	Cas No.	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier			
GC/MS VOC																	
OSW-8260	<u>)D</u>																
	1,1-Dichloroethene	75-35-4	ND	1.0	ug/l		ND	1.0	ug/l		ND	1.0	ug/l				
	cis-1,2-Dichloroethene	156-59-2	ND	1.0	ug/l		ND	1.0	ug/l		ND	1.0	ug/l				
	Tetrachloroethene	127-18-4	ND	1.0	ug/l		ND	1.0	ug/l		ND	1.0	ug/l				
	trans-1,2-Dichloroethene	156-60-5	ND	1.0	ug/l		ND	1.0	ug/l		ND	1.0	ug/l				
	Trichloroethene	79-01-6	ND	1.0	ug/l		ND	1.0	ug/l		ND	1.0	ug/l				
	Vinyl chloride	75-01-4	ND	1.0	ug/l		ND	1.0	ug/l		ND	1.0	ug/l				
OSW-8260	<u>DDSIM</u>																
	1,4-Dioxane	123-91-1					ND	2.0	ug/l		ND	2.0	ug/l				



Ford Motor Company – Livonia Transmission Project

Data Review

Livonia, Michigan

Volatile Organic Compounds (VOC) Analysis

SDG # 240-204753-1

CADENA Verification Report: 2024-05-29

Analyses Performed By: Eurofins Cleveland Barberton, Ohio

Report # 54310R Review Level: Tier III Project: 30206169.401.02

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) # 240-204753-1 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	Labib	IVIALITIX	Collection Date	Parent Sample	VOC	VOC SIM
TRIP BLANK_41	240-204753-1	Water	05/15/2024		Х	
MW-107S_051524	240-204753-2	Water	05/15/2024		X	X
MW-133S_051524	240-204753-3	Water	05/15/2024		Х	X

ANALYTICAL DATA PACKAGE DOCUMENTATION

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

Items Reviewed	Rep	orted		mance otable	Not
	No	Yes	No	Yes	Required
Sample receipt condition		Х		Х	
Requested analyses and sample results		X		Х	
Master tracking list		X		Х	
4. Methods of analysis		X		Х	
5. Reporting limits		X		Х	
6. Sample collection date		Х		Х	
7. Laboratory sample received date		Х		Х	
8. Sample preservation verification (as applicable)		Х		Х	
Sample preparation/extraction/analysis dates		Х		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.

No compounds were detected in the samples within this SDG.

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		rmance ptable	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	X				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: Bindu Sree M B

SIGNATURE: BASHIME

DATE: June 21, 2024

PEER REVIEW: Andrew Korycinski

DATE: June 30, 2024

NO CORRECTIONS/QUALIFERS ADDED TO SAMPLE ANALYSIS DATA SHEETS

CHAIN OF CUSTODY CORRECTED SAMPLE ANALYSIS DATA SHEETS



Chain of Custody Record



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Client: Arcadis U.S., Inc. Job ID: 240-204753-1

Project/Site: Ford LTP

Client Sample ID: TRIP BLANK_41

Lab Sample ID: 240-204753-1 Date Collected: 05/15/24 00:00 **Matrix: Water**

Date Received: 05/18/24 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/25/24 12:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/25/24 12:20	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/25/24 12:20	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/25/24 12:20	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/25/24 12:20	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/25/24 12:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		62 - 137			_		05/25/24 12:20	1
4-Bromofluorobenzene (Surr)	94		56 ₋ 136					05/25/24 12:20	1
Toluene-d8 (Surr)	99		78 - 122					05/25/24 12:20	1
Dibromofluoromethane (Surr)	100		73 - 120					05/25/24 12:20	1

Client Sample ID: MW-107S_051524

Date Collected: 05/15/24 10:41 Date Received: 05/18/24 08:00

Lab Sample ID: 240-204753-2

Matrix: Water

Method: SW846 8260D SIM - V	olatile Organic C	ompounds	(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			05/24/24 01:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1.2-Dichloroethane-d4 (Surr)	98		68 - 127			-		05/24/24 01:58	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/25/24 13:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/25/24 13:52	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/25/24 13:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/25/24 13:52	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/25/24 13:52	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/25/24 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d O Dialalama allama ald (Cum)	404		00 407			-		05/05/04 40:50	

ourroguto	70110001019	Quamici		rrepared	rinaryzou	D uo	
1,2-Dichloroethane-d4 (Surr)	104		62 - 137		05/25/24 13:52	1	
4-Bromofluorobenzene (Surr)	96		56 - 136		05/25/24 13:52	1	
Toluene-d8 (Surr)	98		78 - 122		05/25/24 13:52	1	
Dibromofluoromethane (Surr)	101		73 - 120		05/25/24 13:52	1	
						1	

Client Sample ID: MW-133S_051524

Date Collected: 05/15/24 13:18 Date Received: 05/18/24 08:00

Lab Sample ID: 240-204753-3 **Matrix: Water**

Method: SW846 8260D SIM - Vola	tile Organic C	ompounds	(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			05/24/24 02:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		68 - 127			_		05/24/24 02:22	1

Client: Arcadis U.S., Inc. Job ID: 240-204753-1

Project/Site: Ford LTP

Client Sample ID: MW-133S_051524

Lab Sample ID: 240-204753-3 Date Collected: 05/15/24 13:18 **Matrix: Water**

Date Received: 05/18/24 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/25/24 14:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/25/24 14:15	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/25/24 14:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/25/24 14:15	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/25/24 14:15	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/25/24 14:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		62 - 137			_		05/25/24 14:15	1
4-Bromofluorobenzene (Surr)	94		56 ₋ 136					05/25/24 14:15	1
Toluene-d8 (Surr)	97		78 - 122					05/25/24 14:15	1
Dibromofluoromethane (Surr)	100		73 - 120					05/25/24 14:15	1