

ANALYTICAL REPORT

Eurofins Canton
180 S. Van Buren Avenue
Barberton, OH 44203
Tel: (330)497-9396

Laboratory Job ID: 240-171736-1
Client Project/Site: Ford LTP - Off Site

For:
ARCADIS U.S., Inc.
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Attn: Kristoffer Hinskey



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8/29/2022 1:30:13 PM
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Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171736-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
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.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171736-1

Job ID: 240-171736-1

Laboratory: Eurofins Canton

Narrative

Job Narrative 240-171736-1

Comments

No additional comments.

Receipt

The samples were received on 8/18/2022 2:08 PM. 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 2.6° C and 4.3° C.

GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) associated with batch 240-539547 recovered above the upper control limit for Tetrachloroethene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: TRIP BLANK_113 (240-171736-1), MW-83S_081622 (240-171736-2), MW-83S-MS_081622 (240-171736-2[MS]), MW-83S-MSD_081622 (240-171736-2[MSD]), MW-83_081622 (240-171736-3), (CCV 240-539547/4), (CCVIS 240-539547/3), (LCS 240-539547/5), (LCS 240-539547/6) and (MB 240-539547/8).

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

VOA Prep

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

Method Summary

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171736-1

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171736-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-171736-1	TRIP BLANK_113	Water	08/16/22 00:00	08/18/22 14:08
240-171736-2	MW-83S_081622	Water	08/16/22 12:50	08/18/22 14:08
240-171736-3	MW-83_081622	Water	08/16/22 11:50	08/18/22 14:08

1

2

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13

14

Detection Summary

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171736-1

Client Sample ID: TRIP BLANK_113

Lab Sample ID: 240-171736-1

☐ No Detections.

Client Sample ID: MW-83S_081622

Lab Sample ID: 240-171736-2

☐ No Detections.

Client Sample ID: MW-83_081622

Lab Sample ID: 240-171736-3

☐ No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Canton

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171736-1

Client Sample ID: TRIP BLANK_113

Lab Sample ID: 240-171736-1

Date Collected: 08/16/22 00:00

Matrix: Water

Date Received: 08/18/22 14:08

Method: 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			08/19/22 17:04	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/19/22 17:04	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/19/22 17:04	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/19/22 17:04	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/19/22 17:04	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/19/22 17:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		62 - 137		08/19/22 17:04	1
4-Bromofluorobenzene (Surr)	98		56 - 136		08/19/22 17:04	1
Toluene-d8 (Surr)	104		78 - 122		08/19/22 17:04	1
Dibromofluoromethane (Surr)	106		73 - 120		08/19/22 17:04	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171736-1

Client Sample ID: MW-83S_081622

Lab Sample ID: 240-171736-2

Date Collected: 08/16/22 12:50

Matrix: Water

Date Received: 08/18/22 14:08

Method: 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			08/23/22 22:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	73		66 - 120					08/23/22 22:27	1

Method: 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			08/19/22 20:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/19/22 20:14	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/19/22 20:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/19/22 20:14	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/19/22 20:14	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/19/22 20:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		62 - 137					08/19/22 20:14	1
4-Bromofluorobenzene (Surr)	98		56 - 136					08/19/22 20:14	1
Toluene-d8 (Surr)	105		78 - 122					08/19/22 20:14	1
Dibromofluoromethane (Surr)	108		73 - 120					08/19/22 20:14	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171736-1

Client Sample ID: MW-83_081622

Lab Sample ID: 240-171736-3

Date Collected: 08/16/22 11:50

Matrix: Water

Date Received: 08/18/22 14:08

Method: 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			08/23/22 23:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	73		66 - 120					08/23/22 23:39	1

Method: 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			08/19/22 20:38	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/19/22 20:38	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/19/22 20:38	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/19/22 20:38	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/19/22 20:38	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/19/22 20:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		62 - 137					08/19/22 20:38	1
4-Bromofluorobenzene (Surr)	99		56 - 136					08/19/22 20:38	1
Toluene-d8 (Surr)	105		78 - 122					08/19/22 20:38	1
Dibromofluoromethane (Surr)	109		73 - 120					08/19/22 20:38	1

Surrogate Summary

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171736-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (62-137)	BFB (56-136)	TOL (78-122)	DBFM (73-120)
240-171736-1	TRIP BLANK_113	100	98	104	106
240-171736-2	MW-83S_081622	103	98	105	108
240-171736-2 MS	MW-83S-MS_081622	97	103	105	104
240-171736-2 MSD	MW-83S-MSD_081622	96	103	107	103
240-171736-3	MW-83_081622	102	99	105	109
LCS 240-539547/5	Lab Control Sample	91	102	109	102
MB 240-539547/8	Method Blank	96	98	106	103

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (66-120)			
240-171736-2	MW-83S_081622	73			
240-171736-2 MS	MW-83S-MS_081622	75			
240-171736-2 MSD	MW-83S-MSD_081622	74			
240-171736-3	MW-83_081622	73			
LCS 240-539899/3	Lab Control Sample	70			
MB 240-539899/4	Method Blank	68			

Surrogate Legend

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

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171736-1

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

Lab Sample ID: MB 240-539547/8

Matrix: Water

Analysis Batch: 539547

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			08/19/22 15:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/19/22 15:05	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/19/22 15:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/19/22 15:05	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/19/22 15:05	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/19/22 15:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		62 - 137		08/19/22 15:05	1
4-Bromofluorobenzene (Surr)	98		56 - 136		08/19/22 15:05	1
Toluene-d8 (Surr)	106		78 - 122		08/19/22 15:05	1
Dibromofluoromethane (Surr)	103		73 - 120		08/19/22 15:05	1

Lab Sample ID: LCS 240-539547/5

Matrix: Water

Analysis Batch: 539547

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	25.0	23.3		ug/L		93	63 - 134
cis-1,2-Dichloroethene	25.0	22.4		ug/L		89	77 - 123
Tetrachloroethene	25.0	29.2		ug/L		117	76 - 123
trans-1,2-Dichloroethene	25.0	22.9		ug/L		92	75 - 124
Trichloroethene	25.0	25.7		ug/L		103	70 - 122
Vinyl chloride	25.0	21.1		ug/L		85	60 - 144

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		62 - 137
4-Bromofluorobenzene (Surr)	102		56 - 136
Toluene-d8 (Surr)	109		78 - 122
Dibromofluoromethane (Surr)	102		73 - 120

Lab Sample ID: 240-171736-2 MS

Matrix: Water

Analysis Batch: 539547

Client Sample ID: MW-83S-MS_081622

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	19.9		ug/L		79	56 - 135
cis-1,2-Dichloroethene	1.0	U	25.0	20.9		ug/L		84	66 - 128
Tetrachloroethene	1.0	U	25.0	25.1		ug/L		101	62 - 131
trans-1,2-Dichloroethene	1.0	U	25.0	20.2		ug/L		81	56 - 136
Trichloroethene	1.0	U	25.0	21.8		ug/L		87	61 - 124
Vinyl chloride	1.0	U	25.0	19.4		ug/L		77	43 - 157

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		62 - 137
4-Bromofluorobenzene (Surr)	103		56 - 136
Toluene-d8 (Surr)	105		78 - 122

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QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171736-1

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

Lab Sample ID: 240-171736-2 MS

Matrix: Water

Analysis Batch: 539547

Client Sample ID: MW-83S-MS_081622

Prep Type: Total/NA

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Dibromofluoromethane (Surr)	104		73 - 120

Lab Sample ID: 240-171736-2 MSD

Matrix: Water

Analysis Batch: 539547

Client Sample ID: MW-83S-MSD_081622

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	20.4		ug/L		81	56 - 135	3	26
cis-1,2-Dichloroethene	1.0	U	25.0	21.0		ug/L		84	66 - 128	0	14
Tetrachloroethene	1.0	U	25.0	25.7		ug/L		103	62 - 131	2	20
trans-1,2-Dichloroethene	1.0	U	25.0	20.3		ug/L		81	56 - 136	1	15
Trichloroethene	1.0	U	25.0	22.0		ug/L		88	61 - 124	1	15
Vinyl chloride	1.0	U	25.0	19.4		ug/L		77	43 - 157	0	24

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		62 - 137
4-Bromofluorobenzene (Surr)	103		56 - 136
Toluene-d8 (Surr)	107		78 - 122
Dibromofluoromethane (Surr)	103		73 - 120

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

Lab Sample ID: MB 240-539899/4

Matrix: Water

Analysis Batch: 539899

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			08/23/22 20:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	68		66 - 120		08/23/22 20:09	1

Lab Sample ID: LCS 240-539899/3

Matrix: Water

Analysis Batch: 539899

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	10.0	9.34		ug/L		93	80 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	70		66 - 120

Lab Sample ID: 240-171736-2 MS

Matrix: Water

Analysis Batch: 539899

Client Sample ID: MW-83S-MS_081622

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	2.0	U	10.0	9.87		ug/L		99	51 - 153

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QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171736-1

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

		MS	MS									
Surrogate	%Recovery	Qualifier	Limits									
1,2-Dichloroethane-d4 (Surr)	75		66 - 120									
Lab Sample ID: 240-171736-2 MSD				Client Sample ID: MW-83S-MSD_081622								
Matrix: Water				Prep Type: Total/NA								
Analysis Batch: 539899												
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	10.1		ug/L		101	51 - 153	2	16	
		MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits									
1,2-Dichloroethane-d4 (Surr)	74		66 - 120									

QC Association Summary

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171736-1

GC/MS VOA

Analysis Batch: 539547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-171736-1	TRIP BLANK_113	Total/NA	Water	8260D	
240-171736-2	MW-83S_081622	Total/NA	Water	8260D	
240-171736-3	MW-83_081622	Total/NA	Water	8260D	
MB 240-539547/8	Method Blank	Total/NA	Water	8260D	
LCS 240-539547/5	Lab Control Sample	Total/NA	Water	8260D	
240-171736-2 MS	MW-83S-MS_081622	Total/NA	Water	8260D	
240-171736-2 MSD	MW-83S-MSD_081622	Total/NA	Water	8260D	

Analysis Batch: 539899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-171736-2	MW-83S_081622	Total/NA	Water	8260D SIM	
240-171736-3	MW-83_081622	Total/NA	Water	8260D SIM	
MB 240-539899/4	Method Blank	Total/NA	Water	8260D SIM	
LCS 240-539899/3	Lab Control Sample	Total/NA	Water	8260D SIM	
240-171736-2 MS	MW-83S-MS_081622	Total/NA	Water	8260D SIM	
240-171736-2 MSD	MW-83S-MSD_081622	Total/NA	Water	8260D SIM	

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171736-1

Client Sample ID: TRIP BLANK_113

Lab Sample ID: 240-171736-1

Date Collected: 08/16/22 00:00

Matrix: Water

Date Received: 08/18/22 14:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	539547	SAM	EET CAN	08/19/22 17:04

Client Sample ID: MW-83S_081622

Lab Sample ID: 240-171736-2

Date Collected: 08/16/22 12:50

Matrix: Water

Date Received: 08/18/22 14:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	539547	SAM	EET CAN	08/19/22 20:14
Total/NA	Analysis	8260D SIM		1	539899	CS	EET CAN	08/23/22 22:27

Client Sample ID: MW-83_081622

Lab Sample ID: 240-171736-3

Date Collected: 08/16/22 11:50

Matrix: Water

Date Received: 08/18/22 14:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	539547	SAM	EET CAN	08/19/22 20:38
Total/NA	Analysis	8260D SIM		1	539899	CS	EET CAN	08/23/22 23:39

Laboratory References:

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

Accreditation/Certification Summary

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171736-1

Laboratory: Eurofins Canton

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	02-27-23
Connecticut	State	PH-0590	12-31-23
Florida	NELAP	E87225	06-30-23
Georgia	State	4062	02-27-23
Illinois	NELAP	200004	07-31-23
Iowa	State	421	06-01-23
Kentucky (UST)	State	112225	02-27-23
Kentucky (WW)	State	KY98016	12-31-22
Minnesota	NELAP	039-999-348	12-31-22
Minnesota (Petrofund)	State	3506	08-01-23
New Jersey	NELAP	OH001	06-30-23
New York	NELAP	10975	04-01-23
Ohio	State	8303	02-23-23
Ohio VAP	State	CL0024	02-27-23
Oregon	NELAP	4062	02-27-23
Pennsylvania	NELAP	68-00340	08-31-23
Texas	NELAP	T104704517-22-17	08-31-22
Virginia	NELAP	11570	09-14-22
Washington	State	C971	01-12-23
West Virginia DEP	State	210	12-31-22

TestAmerica Laboratory location: Brighton --- 10448 Citation Drive, Suite 200 / Brighton, MI 48116 / 810-229-2763

Client Contact Company Name: Arcadis Address: 28550 Cabot Drive, Suite 500 City/State/Zip: Novi, MI, 48377 Phone: 248-994-2240 Project Name: Ford LTP Off-Site Project Number: 30080642.402.04 PO # 30080642.402.04		Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other		TestAmerica Laboratories, Inc. Lab Contact: Mike DeMontico Telephone: 330-966-9783 Site Contact: Christina Weaver Telephone: 248-994-2329 Email: Kristoffer.Hinskey@arcadis.com		COC No: 1 of 1 COCs For lab use only Walk-in client Lab sampling Job/SDX No:	
Sample Identification Sample Date Sample Time TRIP BLANK_113 MW-835-081622 MW-835-MS-081622 MW-835-MSD-081622 MW-83-081622		Matrix Aqueous Sediment Solid Other: 1 6 6 6 6		Containers & Preservatives H2SO4 HNO3 HCl NaOH ZnOH Unpres Other: 1 6 6 6 6		Analysis Composite C / Grab G 1,1-DCE 8260D cis-1,2-DCE 8260D Trans-1,2-DCE 8260D PCE 8260D TCE 8260D Vinyl Chloride 8260D 1,4-Dioxane 8260D SIM 1 Trip Blank 3 VOAs for 8260D 3 VOAs for 8260D SIM for MS/MSD for MS/MSD 3 VOAs for 8260D 3 VOAs for 8260D SIM	
Possible Hazard Identification ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months		240-171736 Chain of Custody			
Special Instructions/OC Requirements & Comments: Sample Address: STARK ROW Submit all results through Cadena at jtomalia@cadenaco.com. Cadena #E203631 Level IV Reporting requested.		Relinquished by: Relinquished by: [Signature] Relinquished by: [Signature]		Received by: Received by: [Signature] Received by: [Signature]		Company: ARCADIS Company: ARCADIS Company: EETA Date/Time: 8/16/22 15:15 Date/Time: 8/17/22 10:05 Date/Time: 8/18/22 14:08	

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