

## ANALYTICAL REPORT

Eurofins TestAmerica, Canton  
4101 Shuffel Street NW  
North Canton, OH 44720  
Tel: (330)497-9396

Laboratory Job ID: 240-159819-1  
Client Project/Site: Ford LTP - Off-Site

For:  
ARCADIS U.S., Inc.  
28550 Cabot Drive  
Suite 500  
Novi, Michigan 48377

Attn: Kristoffer Hinskey



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Authorized for release by:  
11/26/2021 7:45:20 AM

Michael DelMonico, Project Manager I  
(330)497-9396  
[Michael.DelMonico@Eurofinset.com](mailto:Michael.DelMonico@Eurofinset.com)

### LINKS

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**TotalAccess**

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[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*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: 240-159819-1

## 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: 240-159819-1

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## Job ID: 240-159819-1

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Laboratory: Eurofins TestAmerica, Canton

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### Narrative

Job Narrative  
240-159819-1

### Comments

No additional comments.

### Receipt

The samples were received on 11/11/2021 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 was 4.6° C.

### GC/MS VOA

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

### VOA Prep

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

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# Method Summary

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

Job ID: 240-159819-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
8260B SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
5030B	Purge and Trap	SW846	TAL CAN

**Protocol References:**

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

**Laboratory References:**

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

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# Sample Summary

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

Job ID: 240-159819-1

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-159819-1	TRIP BLANK_68	Water	11/09/21 00:00	11/11/21 08:00
240-159819-2	MW-97S_110921	Water	11/09/21 09:05	11/11/21 08:00

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# Detection Summary

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

Job ID: 240-159819-1

**Client Sample ID: TRIP BLANK\_68**

**Lab Sample ID: 240-159819-1**

No Detections.

**Client Sample ID: MW-97S\_110921**

**Lab Sample ID: 240-159819-2**

No Detections.

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This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Canton

# Client Sample Results

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

Job ID: 240-159819-1

**Client Sample ID: TRIP BLANK\_68**

**Lab Sample ID: 240-159819-1**

**Date Collected: 11/09/21 00:00**

**Matrix: Water**

**Date Received: 11/11/21 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			11/19/21 03:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			11/19/21 03:50	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			11/19/21 03:50	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			11/19/21 03:50	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			11/19/21 03:50	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			11/19/21 03:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121		62 - 137		11/19/21 03:50	1
4-Bromofluorobenzene (Surr)	84		56 - 136		11/19/21 03:50	1
Toluene-d8 (Surr)	115		78 - 122		11/19/21 03:50	1
Dibromofluoromethane (Surr)	106		73 - 120		11/19/21 03:50	1



# Client Sample Results

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

Job ID: 240-159819-1

**Client Sample ID: MW-97S\_110921**

**Lab Sample ID: 240-159819-2**

Date Collected: 11/09/21 09:05

Matrix: Water

Date Received: 11/11/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			11/12/21 20:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		66 - 120					11/12/21 20:36	1

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			11/19/21 04:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			11/19/21 04:12	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			11/19/21 04:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			11/19/21 04:12	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			11/19/21 04:12	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			11/19/21 04:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		62 - 137					11/19/21 04:12	1
4-Bromofluorobenzene (Surr)	81		56 - 136					11/19/21 04:12	1
Toluene-d8 (Surr)	100		78 - 122					11/19/21 04:12	1
Dibromofluoromethane (Surr)	100		73 - 120					11/19/21 04:12	1

# Surrogate Summary

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

Job ID: 240-159819-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA (62-137)	BFB (56-136)	TOL (78-122)	DBFM (73-120)
240-159819-1	TRIP BLANK_68	121	84	115	106
240-159819-2	MW-97S_110921	110	81	100	100
240-159830-D-2 MS	Matrix Spike	110	86	101	96
240-159830-E-2 MSD	Matrix Spike Duplicate	107	84	97	94
LCS 240-513667/4	Lab Control Sample	101	85	107	94
MB 240-513667/6	Method Blank	110	81	108	98

#### Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

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

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA (66-120)
240-159541-G-2 MS	Matrix Spike	77
240-159541-M-2 MSD	Matrix Spike Duplicate	78
240-159819-2	MW-97S_110921	77
LCS 240-512785/4	Lab Control Sample	79
MB 240-512785/5	Method Blank	79

#### Surrogate Legend

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

# QC Sample Results

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

Job ID: 240-159819-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 240-513667/6**  
**Matrix: Water**  
**Analysis Batch: 513667**

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			11/18/21 23:24	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			11/18/21 23:24	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			11/18/21 23:24	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			11/18/21 23:24	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			11/18/21 23:24	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			11/18/21 23:24	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	110		62 - 137		11/18/21 23:24	1
4-Bromofluorobenzene (Surr)	81		56 - 136		11/18/21 23:24	1
Toluene-d8 (Surr)	108		78 - 122		11/18/21 23:24	1
Dibromofluoromethane (Surr)	98		73 - 120		11/18/21 23:24	1

**Lab Sample ID: LCS 240-513667/4**  
**Matrix: Water**  
**Analysis Batch: 513667**

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1-Dichloroethene	10.0	10.6		ug/L		106	63 - 134
cis-1,2-Dichloroethene	10.0	10.7		ug/L		107	77 - 123
Tetrachloroethene	10.0	12.0		ug/L		120	76 - 123
trans-1,2-Dichloroethene	10.0	10.6		ug/L		106	75 - 124
Trichloroethene	10.0	9.72		ug/L		97	70 - 122
Vinyl chloride	10.0	7.48		ug/L		75	60 - 144

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	101		62 - 137
4-Bromofluorobenzene (Surr)	85		56 - 136
Toluene-d8 (Surr)	107		78 - 122
Dibromofluoromethane (Surr)	94		73 - 120

**Lab Sample ID: 240-159830-D-2 MS**  
**Matrix: Water**  
**Analysis Batch: 513667**

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

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier		Result	Qualifier				
1,1-Dichloroethene	1.0	U	10.0	8.06		ug/L		81	56 - 135
cis-1,2-Dichloroethene	1.0	U	10.0	9.32		ug/L		93	66 - 128
Tetrachloroethene	1.0	U	10.0	9.01		ug/L		90	62 - 131
trans-1,2-Dichloroethene	1.0	U	10.0	9.50		ug/L		95	56 - 136
Trichloroethene	1.0	U	10.0	8.17		ug/L		82	61 - 124
Vinyl chloride	1.0	U	10.0	7.02		ug/L		70	43 - 157

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	110		62 - 137
4-Bromofluorobenzene (Surr)	86		56 - 136
Toluene-d8 (Surr)	101		78 - 122

Eurofins TestAmerica, Canton

# QC Sample Results

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

Job ID: 240-159819-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-159830-D-2 MS**  
**Matrix: Water**  
**Analysis Batch: 513667**

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

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Dibromofluoromethane (Surr)	96		73 - 120

**Lab Sample ID: 240-159830-E-2 MSD**  
**Matrix: Water**  
**Analysis Batch: 513667**

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	1.0	U	10.0	7.67		ug/L		77	56 - 135	5	26
cis-1,2-Dichloroethene	1.0	U	10.0	8.48		ug/L		85	66 - 128	9	14
Tetrachloroethene	1.0	U	10.0	8.29		ug/L		83	62 - 131	8	20
trans-1,2-Dichloroethene	1.0	U	10.0	8.31		ug/L		83	56 - 136	13	15
Trichloroethene	1.0	U	10.0	7.56		ug/L		76	61 - 124	8	15
Vinyl chloride	1.0	U	10.0	6.48		ug/L		65	43 - 157	8	24

  

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		62 - 137
4-Bromofluorobenzene (Surr)	84		56 - 136
Toluene-d8 (Surr)	97		78 - 122
Dibromofluoromethane (Surr)	94		73 - 120

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

**Lab Sample ID: MB 240-512785/5**  
**Matrix: Water**  
**Analysis Batch: 512785**

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			11/12/21 18:32	1

  

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1,2-Dichloroethane-d4 (Surr)	79		66 - 120		11/12/21 18:32	1			

**Lab Sample ID: LCS 240-512785/4**  
**Matrix: Water**  
**Analysis Batch: 512785**

**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	10.7		ug/L		107	80 - 122

  

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	79		66 - 120

**Lab Sample ID: 240-159541-G-2 MS**  
**Matrix: Water**  
**Analysis Batch: 512785**

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	2.0	U F1	10.0	10.6		ug/L		106	51 - 153

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# QC Sample Results

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

Job ID: 240-159819-1

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

<i>Surrogate</i>	<i>MS</i> <i>%Recovery</i>	<i>MS</i> <i>Qualifier</i>	<i>Limits</i>
1,2-Dichloroethane-d4 (Surr)	77		66 - 120

**Lab Sample ID: 240-159541-M-2 MSD**  
**Matrix: Water**  
**Analysis Batch: 512785**

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

<i>Analyte</i>	<i>Sample</i> <i>Result</i>	<i>Sample</i> <i>Qualifier</i>	<i>Spike</i> <i>Added</i>	<i>MSD</i> <i>Result</i>	<i>MSD</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> <i>Limits</i>	<i>RPD</i>	<i>RPD</i> <i>Limit</i>
1,4-Dioxane	2.0	U F1	10.0	10.4		ug/L		104	51 - 153	2	16

<i>Surrogate</i>	<i>MSD</i> <i>%Recovery</i>	<i>MSD</i> <i>Qualifier</i>	<i>Limits</i>
1,2-Dichloroethane-d4 (Surr)	78		66 - 120

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# QC Association Summary

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

Job ID: 240-159819-1

## GC/MS VOA

### Analysis Batch: 512785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-159819-2	MW-97S_110921	Total/NA	Water	8260B SIM	
MB 240-512785/5	Method Blank	Total/NA	Water	8260B SIM	
LCS 240-512785/4	Lab Control Sample	Total/NA	Water	8260B SIM	
240-159541-G-2 MS	Matrix Spike	Total/NA	Water	8260B SIM	
240-159541-M-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B SIM	

### Analysis Batch: 513667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-159819-1	TRIP BLANK_68	Total/NA	Water	8260B	
240-159819-2	MW-97S_110921	Total/NA	Water	8260B	
MB 240-513667/6	Method Blank	Total/NA	Water	8260B	
LCS 240-513667/4	Lab Control Sample	Total/NA	Water	8260B	
240-159830-D-2 MS	Matrix Spike	Total/NA	Water	8260B	
240-159830-E-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

# Lab Chronicle

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

Job ID: 240-159819-1

**Client Sample ID: TRIP BLANK\_68**

**Lab Sample ID: 240-159819-1**

**Date Collected: 11/09/21 00:00**

**Matrix: Water**

**Date Received: 11/11/21 08:00**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	513667	11/19/21 03:50	LEE	TAL CAN

**Client Sample ID: MW-97S\_110921**

**Lab Sample ID: 240-159819-2**

**Date Collected: 11/09/21 09:05**

**Matrix: Water**

**Date Received: 11/11/21 08:00**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	513667	11/19/21 04:12	LEE	TAL CAN
Total/NA	Analysis	8260B SIM		1	512785	11/12/21 20:36	CS	TAL CAN

**Laboratory References:**

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396



# Accreditation/Certification Summary

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

Job ID: 240-159819-1

## Laboratory: Eurofins TestAmerica, 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	02-23-22
Connecticut	State	PH-0590	12-31-21
Florida	NELAP	E87225	06-30-22
Georgia	State	4062	02-23-22
Illinois	NELAP	200004	07-31-22
Iowa	State	421	06-01-23
Kansas	NELAP	E-10336	04-30-22
Kentucky (UST)	State	112225	02-23-22
Kentucky (WW)	State	KY98016	12-31-21
Minnesota	NELAP	OH00048	12-31-21
Minnesota (Petrofund)	State	3506	08-01-23
New Jersey	NELAP	OH001	06-30-22
New York	NELAP	10975	03-31-22
Ohio VAP	State	CL0024	12-21-23
Oregon	NELAP	4062	02-23-22
Pennsylvania	NELAP	68-00340	08-31-22
Texas	NELAP	T104704517-18-10	08-31-22
Virginia	NELAP	11570	09-14-22
Washington	State	C971	01-12-22
West Virginia DEP	State	210	12-31-21





Chain of Custody Record

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

Regulatory program:  DW  NPDES  RCRA  Other

Client Contact  
Company Name: Arcadis  
Address: 28550 Cabot Drive, Suite 500  
City/State/Zip: Novi, MI, 48377  
Phone: 248-994-2240

Client Project Manager: Kris Hinsley  
Telephone: 248-994-2240  
Email: kristoffer.hinsley@arcadis.com

Lab Contact: Mike DeMontico  
Telephone: 330-497-9396

Site Contact: Julia McClafferty  
Telephone: 734-644-5131

Company: 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

Sampler Name: Seth Turner  
Method of Shipment/Carrier:  
Shipping/Tracking No:

Sample Date	Sample Time	Matrix				Containers & Preservatives				Filtered Sample (Y/N)	Composite C/Grab-G	1,1-DCE 8260B	cis-1,2-DCE 8260B	Trans-1,2-DCE 8260B	PCE 8260B	TCE 8260B	Vinyl Chloride 8260B	1,4-Dioxane 8260B SIM	Analyses	
		Air	Aqueous	Sediment	Solid	Other:	H2SO4	HNO3	HCl											NaOH
TRIP BLANK_ 68		X																		
MMW-975-110921	11/9/21 905	X																		

Sample Specific Notes / Special Instructions:  
1 Trip Blank  
3 VOAs for 8260B  
3 VOAs for 8260B SIM

Barcode: 240-159819 Chain of Custody

Possible Hazard Identification  
 Non-Hazard  Irritable  Poison B  Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)  
 Return to Client  Disposal By Lab  Archive For \_\_\_\_\_ Months

Relinquished by: Seth Turner  
Relinquished by: J. Muller  
Relinquished by: J. Muller

Received by: Novi Gold Storage  
Received by: STA  
Received in Laboratory by: Denny Dreyer

Date/Time: 11/9/21/1330  
Date/Time: 11/10/21 10:40  
Date/Time: 11/09/21 10:41

Company: Arcadis  
Company: Arcadis  
Company: STA

Eurofins TestAmerica Canton Sample Receipt Form/Narrative

Login # : 159819

Canton Facility

Client Arcadis Site Name

Cooler unpacked by: [Signature]

Cooler Received on 11-11-21 Opened on 11-11-21

FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other

Receipt After-hours: Drop-off Date/Time

Storage Location

TestAmerica Cooler # [TA] Foam Box Client Cooler Box Other

Packing material used: Bubble Wrap Foam Plastic Bag None Other

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt IR GUN# IR-14 (CF +0.1 °C) Observed Cooler Temp. 4.5 °C Corrected Cooler Temp. 4.6 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No

3. Shippers' packing slip attached to the cooler(s)? Yes No

4. Did custody papers accompany the sample(s)? Yes No

5. Were the custody papers relinquished & signed in the appropriate place? Yes No

6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No

7. Did all bottles arrive in good condition (Unbroken)? Yes No

8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No

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

10. Were correct bottle(s) used for the test(s) indicated? Yes No

11. Sufficient quantity received to perform indicated analyses? Yes No

12. Are these work share samples and all listed on the COC? Yes No

If yes, Questions 13-17 have been checked at the originating laboratory.

13. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC157842

14. Were VOAs on the COC? Yes No

15. Were air bubbles >6 mm in any VOA vials? Larger than this. Yes No NA

16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 60358 Yes No

17. Was a LL Hg or Me Hg trip blank present? Yes No

Contacted PM Date by via Verbal Voice Mail Other

Concerning

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES additional next page

Samples processed by:

No SIM on TB per corrected COC. [Signature] 11/12

19. SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired. Sample(s) were received in a broken container. Sample(s) were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

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

VOA Sample Preservation - Date/Time VOAs Frozen: