

## ANALYTICAL REPORT

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

Laboratory Job ID: 240-149093-1  
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:  
5/25/2021 2:15:26 PM

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### LINKS

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**TotalAccess**

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*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: 240-149093-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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: 240-149093-1

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## Job ID: 240-149093-1

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Laboratory: Eurofins TestAmerica, Canton

### Narrative

Job Narrative  
240-149093-1

### Comments

No additional comments.

### Receipt

The samples were received on 5/11/2021 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.3° C and 2.5° 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: 240-149093-1

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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- 13
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# Sample Summary

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

Job ID: 240-149093-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-149093-1	TRIP BLANK_41	Water	05/07/21 00:00	05/11/21 09:30	
240-149093-2	MW-82SR_050721	Water	05/07/21 12:45	05/11/21 09:30	

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- 11
- 12
- 13
- 14

# Detection Summary

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

Job ID: 240-149093-1

**Client Sample ID: TRIP BLANK\_41**

**Lab Sample ID: 240-149093-1**

No Detections.

**Client Sample ID: MW-82SR\_050721**

**Lab Sample ID: 240-149093-2**

No Detections.

- 1
- 2
- 3
- 4
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- 11
- 12
- 13
- 14

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: 240-149093-1

**Client Sample ID: TRIP BLANK\_41**

**Lab Sample ID: 240-149093-1**

**Date Collected: 05/07/21 00:00**

**Matrix: Water**

**Date Received: 05/11/21 09:30**

**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	0.19	ug/L			05/17/21 19:53	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.16	ug/L			05/17/21 19:53	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/17/21 19:53	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			05/17/21 19:53	1
Trichloroethene	1.0	U	1.0	0.10	ug/L			05/17/21 19:53	1
Vinyl chloride	1.0	U	1.0	0.20	ug/L			05/17/21 19:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 130		05/17/21 19:53	1
4-Bromofluorobenzene (Surr)	110		47 - 134		05/17/21 19:53	1
Toluene-d8 (Surr)	103		69 - 122		05/17/21 19:53	1
Dibromofluoromethane (Surr)	109		78 - 129		05/17/21 19:53	1



# Client Sample Results

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

Job ID: 240-149093-1

**Client Sample ID: MW-82SR\_050721**

**Lab Sample ID: 240-149093-2**

Date Collected: 05/07/21 12:45

Matrix: Water

Date Received: 05/11/21 09:30

**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			05/12/21 20:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		70 - 133					05/12/21 20:00	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	0.19	ug/L			05/17/21 20:17	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.16	ug/L			05/17/21 20:17	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/17/21 20:17	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			05/17/21 20:17	1
Trichloroethene	1.0	U	1.0	0.10	ug/L			05/17/21 20:17	1
Vinyl chloride	1.0	U	1.0	0.20	ug/L			05/17/21 20:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 130					05/17/21 20:17	1
4-Bromofluorobenzene (Surr)	110		47 - 134					05/17/21 20:17	1
Toluene-d8 (Surr)	104		69 - 122					05/17/21 20:17	1
Dibromofluoromethane (Surr)	109		78 - 129					05/17/21 20:17	1

# Surrogate Summary

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

Job ID: 240-149093-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (75-130)	BFB (47-134)	TOL (69-122)	DBFM (78-129)
240-149093-1	TRIP BLANK_41	100	110	103	109
240-149093-2	MW-82SR_050721	98	110	104	109
240-149103-A-3 MSD	Matrix Spike Duplicate	98	112	105	112
240-149103-F-3 MS	Matrix Spike	97	113	109	110
LCS 240-486103/4	Lab Control Sample	97	115	108	114
MB 240-486103/7	Method Blank	103	109	107	114

### 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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)
		DCA (70-133)
240-149042-H-2 MS	Matrix Spike	84
240-149042-N-2 MSD	Matrix Spike Duplicate	83
240-149093-2	MW-82SR_050721	85
LCS 240-485384/4	Lab Control Sample	84
MB 240-485384/5	Method Blank	82

### Surrogate Legend

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

# QC Sample Results

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

Job ID: 240-149093-1

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

**Lab Sample ID: MB 240-486103/7**  
**Matrix: Water**  
**Analysis Batch: 486103**

**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	0.19	ug/L			05/17/21 16:21	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.16	ug/L			05/17/21 16:21	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/17/21 16:21	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			05/17/21 16:21	1
Trichloroethene	1.0	U	1.0	0.10	ug/L			05/17/21 16:21	1
Vinyl chloride	1.0	U	1.0	0.20	ug/L			05/17/21 16:21	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	103		75 - 130		05/17/21 16:21	1
4-Bromofluorobenzene (Surr)	109		47 - 134		05/17/21 16:21	1
Toluene-d8 (Surr)	107		69 - 122		05/17/21 16:21	1
Dibromofluoromethane (Surr)	114		78 - 129		05/17/21 16:21	1

**Lab Sample ID: LCS 240-486103/4**  
**Matrix: Water**  
**Analysis Batch: 486103**

**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	12.7		ug/L		127	73 - 129
cis-1,2-Dichloroethene	10.0	11.8		ug/L		118	75 - 124
Tetrachloroethene	10.0	11.5		ug/L		115	70 - 125
trans-1,2-Dichloroethene	10.0	12.2		ug/L		122	74 - 130
Trichloroethene	10.0	11.8		ug/L		118	71 - 121
Vinyl chloride	10.0	11.9		ug/L		119	61 - 134

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	97		75 - 130
4-Bromofluorobenzene (Surr)	115		47 - 134
Toluene-d8 (Surr)	108		69 - 122
Dibromofluoromethane (Surr)	114		78 - 129

**Lab Sample ID: 240-149103-A-3 MSD**  
**Matrix: Water**  
**Analysis Batch: 486103**

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

Analyte	Sample Sample		Spike Added	MSD MSD		Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier		Result	Qualifier						
1,1-Dichloroethene	1.0	U F1	10.0	13.0		ug/L		130	64 - 132	3	35
cis-1,2-Dichloroethene	1.0	U F1	10.0	12.4	F1	ug/L		124	68 - 121	2	35
Tetrachloroethene	1.0	U	10.0	11.1		ug/L		111	52 - 129	4	35
trans-1,2-Dichloroethene	1.0	U F1	10.0	12.4		ug/L		124	69 - 126	2	35
Trichloroethene	1.0	U	10.0	12.0		ug/L		120	56 - 124	3	35
Vinyl chloride	1.0	U	10.0	12.2		ug/L		122	49 - 136	3	35

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	98		75 - 130
4-Bromofluorobenzene (Surr)	112		47 - 134
Toluene-d8 (Surr)	105		69 - 122

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# QC Sample Results

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

Job ID: 240-149093-1

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

**Lab Sample ID: 240-149103-A-3 MSD**  
**Matrix: Water**  
**Analysis Batch: 486103**

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

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Dibromofluoromethane (Surr)	112		78 - 129

**Lab Sample ID: 240-149103-F-3 MS**  
**Matrix: Water**  
**Analysis Batch: 486103**

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	1.0	U F1	10.0	13.3	F1	ug/L		133	64 - 132
cis-1,2-Dichloroethene	1.0	U F1	10.0	12.7	F1	ug/L		127	68 - 121
Tetrachloroethene	1.0	U	10.0	11.6		ug/L		116	52 - 129
trans-1,2-Dichloroethene	1.0	U F1	10.0	12.7	F1	ug/L		127	69 - 126
Trichloroethene	1.0	U	10.0	12.4		ug/L		124	56 - 124
Vinyl chloride	1.0	U	10.0	12.5		ug/L		125	49 - 136

  

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		75 - 130
4-Bromofluorobenzene (Surr)	113		47 - 134
Toluene-d8 (Surr)	109		69 - 122
Dibromofluoromethane (Surr)	110		78 - 129

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

**Lab Sample ID: MB 240-485384/5**  
**Matrix: Water**  
**Analysis Batch: 485384**

**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			05/12/21 14:38	1

  

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		70 - 133		05/12/21 14:38	1

**Lab Sample ID: LCS 240-485384/4**  
**Matrix: Water**  
**Analysis Batch: 485384**

**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	10.5		ug/L		105	80 - 135

  

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	84		70 - 133

**Lab Sample ID: 240-149042-H-2 MS**  
**Matrix: Water**  
**Analysis Batch: 485384**

**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	10.0	10.6		ug/L		106	46 - 170

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# QC Sample Results

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

Job ID: 240-149093-1

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

<i>Surrogate</i>	<i>%Recovery</i>	<i>MS MS Qualifier</i>	<i>Limits</i>
1,2-Dichloroethane-d4 (Surr)	84		70 - 133

Lab Sample ID: 240-149042-N-2 MSD  
Matrix: Water  
Analysis Batch: 485384

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

<i>Analyte</i>	<i>Sample Result</i>	<i>Sample Qualifier</i>	<i>Spike Added</i>	<i>MSD Result</i>	<i>MSD Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec. Limits</i>	<i>RPD</i>	<i>RPD Limit</i>
1,4-Dioxane	2.0	U	10.0	10.1		ug/L		101	46 - 170	5	26

<i>Surrogate</i>	<i>%Recovery</i>	<i>MSD MSD Qualifier</i>	<i>Limits</i>
1,2-Dichloroethane-d4 (Surr)	83		70 - 133

# QC Association Summary

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

Job ID: 240-149093-1

## GC/MS VOA

### Analysis Batch: 485384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-149093-2	MW-82SR_050721	Total/NA	Water	8260B SIM	
MB 240-485384/5	Method Blank	Total/NA	Water	8260B SIM	
LCS 240-485384/4	Lab Control Sample	Total/NA	Water	8260B SIM	
240-149042-H-2 MS	Matrix Spike	Total/NA	Water	8260B SIM	
240-149042-N-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B SIM	

### Analysis Batch: 486103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-149093-1	TRIP BLANK_41	Total/NA	Water	8260B	
240-149093-2	MW-82SR_050721	Total/NA	Water	8260B	
MB 240-486103/7	Method Blank	Total/NA	Water	8260B	
LCS 240-486103/4	Lab Control Sample	Total/NA	Water	8260B	
240-149103-A-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
240-149103-F-3 MS	Matrix Spike	Total/NA	Water	8260B	

# Lab Chronicle

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

Job ID: 240-149093-1

**Client Sample ID: TRIP BLANK\_41**

**Lab Sample ID: 240-149093-1**

**Date Collected: 05/07/21 00:00**

**Matrix: Water**

**Date Received: 05/11/21 09:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	486103	05/17/21 19:53	LRW	TAL CAN

**Client Sample ID: MW-82SR\_050721**

**Lab Sample ID: 240-149093-2**

**Date Collected: 05/07/21 12:45**

**Matrix: Water**

**Date Received: 05/11/21 09:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	486103	05/17/21 20:17	LRW	TAL CAN
Total/NA	Analysis	8260B SIM		1	485384	05/12/21 20:00	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: 240-149093-1

## 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	06-30-21
Georgia	State	4062	02-23-22
Illinois	NELAP	004498	07-31-21
Iowa	State	421	06-01-21
Kansas	NELAP	E-10336	04-30-21 *
Kentucky (UST)	State	112225	02-23-21 *
Kentucky (WW)	State	KY98016	12-31-21
Minnesota	NELAP	OH00048	12-31-21
Minnesota (Petrofund)	State	3506	08-01-21
New Jersey	NELAP	OH001	06-30-21
New York	NELAP	10975	03-31-22
Ohio VAP	State	CL0024	12-21-23
Oregon	NELAP	4062	02-23-22
Pennsylvania	NELAP	68-00340	08-31-21
Texas	NELAP	T104704517-18-10	08-31-21
USDA	US Federal Programs	P330-18-00281	09-17-21
Virginia	NELAP	010101	09-14-21
Washington	State	C971	01-12-22
West Virginia DEP	State	210	12-31-21

\* Accreditation/Certification renewal pending - accreditation/certification considered valid.





# Chain of Custody Record

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

<b>Client Contact</b> 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		<b>Regulatory program:</b> <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input type="checkbox"/> Other	
<b>Client Project Manager: Kris Hinskey</b> Telephone: 248-994-2240 Email: kristoffer.hinskey@arcadis.com		<b>Lab Contact: Mike DeMonico</b> Telephone: 330-497-9396	
<b>Sampler Name: Andrew Banitt</b> Method of Shipment/Carrier: Shipping/Tracking No:		<b>Site Contact: Julia McClafferty</b> Telephone: 734-644-5131	
<b>Analysis Turnaround Time</b> TAT if different from below: <input type="checkbox"/> 3 weeks <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		<b>Analyses</b> 1-A-Dioxane 8260B SIM Vinyl Chloride 8260B TCE 8260B PCE 8260B Trans-1,2-DCE 8260B cis-1,2-DCE 8260B 1,1-DCE 8260B Composite C / Grab-G	
<b>Matrix</b> Aqueous <input checked="" type="checkbox"/> Air <input type="checkbox"/> Solid <input type="checkbox"/> Other:		<b>Containers &amp; Preservatives</b> HCl <input type="checkbox"/> NaOH <input type="checkbox"/> NaCl <input type="checkbox"/> Other:	
<b>Sample Identification</b> Trip Blank - 41 MW-825R-050721		Filtered Sample (Y/N) 1 C	
Sample Date 5/17/21 1245		Sample Time ---	
Sample Specific Notes / Special Instructions: 1 Trip Blank 3 VOAs for 8260B 3 VOAs for 8260B SIM		Date/Time: 5/17/21 1350 Date/Time: 5/19/21 930 Date/Time: 5-18-21 930	
<b>Possible Hazard Identification</b> <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Irritant <input type="checkbox"/> Unknown		<b>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</b> <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
<b>Special Instructions/QC Requirements &amp; Comments:</b> Submit all results through Cadena at jtomalia@cadenaco.com. Cadena #E203631 Level IV Reporting requested.			
Relinquished by: <i>Andrew Banitt</i> Relinquished by: <i>Julia McClafferty</i> Relinquished by: <i>Andrew Banitt</i>		Received by: <i>Novi Colob Storage</i> Received by: <i>Andrew Banitt</i> Received in Laboratory by: <i>Andrew Banitt</i>	
Company: Arcadis Company: Arcadis Company: E7A		Company: Arcadis Company: E7A Company: E7A	



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**Eurofins TestAmerica Canton Sample Receipt Form/Narrative**  
**Canton Facility**

Login # : 149093

Client Arcadis Site Name \_\_\_\_\_

Cooler unpacked by:  
Matt Snyder

Cooler Received on 5-11-21 Opened on 5-11-21

FedEx: 1<sup>st</sup>  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  See Multiple Cooler Form  
 IR GUN# IR-11 (CF +0.1 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C  
 IR GUN #IR-12 (CF +0.2°C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1  Yes  No  
 -Were the seals on the outside of the cooler(s) signed & dated?  Yes  No  NA  
 -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?  Yes  No  NA  
 -Were tamper/custody seals intact and uncompromised?  Yes  No  NA
3. Shippers' packing slip attached to the cooler(s)?  Yes  No
4. Did custody papers accompany the sample(s)?  Yes  No
5. Were the custody papers relinquished & signed in the appropriate place?  Yes  No
6. Was/were the person(s) who collected the samples clearly identified on the COC?  Yes  No
7. Did all bottles arrive in good condition (Unbroken)?  Yes  No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?  Yes  No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?  Yes  No
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# HC022887
14. Were VOAs on the COC?  Yes  No
15. Were air bubbles >6 mm in any VOA vials?  Yes  No  NA  
 ● ← Larger than this.
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # \_\_\_\_\_  Yes  No
17. Was a LL Hg or Me Hg trip blank present? \_\_\_\_\_  Yes  No

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

Contacted PM \_\_\_\_\_ Date \_\_\_\_\_ by \_\_\_\_\_ via Verbal Voice Mail Other

Concerning \_\_\_\_\_

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

Samples processed by: \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**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: \_\_\_\_\_

