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ANALYTICAL REPORT

Eurofins Canton
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Tel: (330)497-9396

Laboratory Job ID: 240-162970-1
Client Project/Site: Ford LTP - Off-Site

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

Attn: Kristoffer Hinskey

Authorized for release by:
3/2/2022 7:19:50 AM

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Table of Contents

Definitions/Glossary

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

Job ID: 240-162970-1

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.
¤	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

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Laboratory: Eurofins Canton

Narrative

Job Narrative
240-162970-1

Comments
No additional comments.

Receipt
The samples were received on 2/23/2022 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 0.1º C, 0.2º C and 1.1º C.

GC/MS VOA
No additional analytical or quality issues were noted, other than those described 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: 240-162970-1

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 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: 240-162970-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-162970-1	TRIP BLANK_48	Water	02/18/22 00:00	02/23/22 08:00
240-162970-2	MW-106S_021822	Water	02/18/22 10:32	02/23/22 08:00
240-162970-3	MW-192S_021822	Water	02/18/22 12:07	02/23/22 08:00
240-162970-4	MW-78_021822	Water	02/18/22 13:55	02/23/22 08:00
240-162970-5	MW-78S_021822	Water	02/18/22 15:15	02/23/22 08:00

Detection Summary

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

Job ID: 240-162970-1

Client Sample ID: TRIP BLANK_48 — Lab Sample ID: 240-162970-1

No Detections.

Client Sample ID: MW-106S_021822 — Lab Sample ID: 240-162970-2

No Detections.

Client Sample ID: MW-192S_021822 — Lab Sample ID: 240-162970-3

No Detections.

Client Sample ID: MW-78_021822 — Lab Sample ID: 240-162970-4

No Detections.

Client Sample ID: MW-78S_021822 — Lab Sample ID: 240-162970-5

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 240-162970-1

Client Sample ID: TRIP BLANK_48

Date Collected: 02/18/22 00:00
Date Received: 02/23/22 08:00

Lab Sample ID: 240-162970-1

Matrix: Water

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			02/25/22 13:43	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/25/22 13:43	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/25/22 13:43	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/25/22 13:43	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/25/22 13:43	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/25/22 13:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*62 - 137*		*02/25/22 13:43*	*1*
4-Bromofluorobenzene (Surr)	*90*		*56 - 136*		*02/25/22 13:43*	*1*
Toluene-d8 (Surr)	*95*		*78 - 122*		*02/25/22 13:43*	*1*
Dibromofluoromethane (Surr)	*104*		*73 - 120*		*02/25/22 13:43*	*1*

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

Job ID: 240-162970-1

Client Sample ID: MW-106S_021822
Date Collected: 02/18/22 10:32
Date Received: 02/23/22 08:00

Lab Sample ID: 240-162970-2
Matrix: Water

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			02/24/22 07:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*79*		*66 - 120*		*02/24/22 07:13*	*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			02/25/22 16:51	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/25/22 16:51	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/25/22 16:51	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/25/22 16:51	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/25/22 16:51	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/25/22 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 137*		*02/25/22 16:51*	*1*
4-Bromofluorobenzene (Surr)	*100*		*56 - 136*		*02/25/22 16:51*	*1*
Toluene-d8 (Surr)	*107*		*78 - 122*		*02/25/22 16:51*	*1*
Dibromofluoromethane (Surr)	*110*		*73 - 120*		*02/25/22 16:51*	*1*

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

Job ID: 240-162970-1

Client Sample ID: MW-192S_021822
Date Collected: 02/18/22 12:07
Date Received: 02/23/22 08:00

Lab Sample ID: 240-162970-3
Matrix: Water

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			02/24/22 01:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*81*		*66 - 120*		*02/24/22 01:31*	*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			02/25/22 17:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/25/22 17:15	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/25/22 17:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/25/22 17:15	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/25/22 17:15	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/25/22 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 137*		*02/25/22 17:15*	*1*
4-Bromofluorobenzene (Surr)	*99*		*56 - 136*		*02/25/22 17:15*	*1*
Toluene-d8 (Surr)	*106*		*78 - 122*		*02/25/22 17:15*	*1*
Dibromofluoromethane (Surr)	*113*		*73 - 120*		*02/25/22 17:15*	*1*

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

Job ID: 240-162970-1

Client Sample ID: MW-78_021822
Date Collected: 02/18/22 13:55
Date Received: 02/23/22 08:00

Lab Sample ID: 240-162970-4
Matrix: Water

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			02/24/22 03:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*79*		*66 - 120*		*02/24/22 03:40*	*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			02/28/22 13:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/28/22 13:01	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/28/22 13:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/28/22 13:01	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/28/22 13:01	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/28/22 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*62 - 137*		*02/28/22 13:01*	*1*
4-Bromofluorobenzene (Surr)	*98*		*56 - 136*		*02/28/22 13:01*	*1*
Toluene-d8 (Surr)	*102*		*78 - 122*		*02/28/22 13:01*	*1*
Dibromofluoromethane (Surr)	*109*		*73 - 120*		*02/28/22 13:01*	*1*

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

Job ID: 240-162970-1

Client Sample ID: MW-78S_021822

Lab Sample ID: 240-162970-5

Date Collected: 02/18/22 15:15

Matrix: Water

Date Received: 02/23/22 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			02/25/22 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*73*		*66 - 120*		*02/25/22 17:24*	*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			02/25/22 17:38	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/25/22 17:38	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/25/22 17:38	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/25/22 17:38	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/25/22 17:38	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/25/22 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*62 - 137*		*02/25/22 17:38*	*1*
4-Bromofluorobenzene (Surr)	*104*		*56 - 136*		*02/25/22 17:38*	*1*
Toluene-d8 (Surr)	*104*		*78 - 122*		*02/25/22 17:38*	*1*
Dibromofluoromethane (Surr)	*117*		*73 - 120*		*02/25/22 17:38*	*1*

Surrogate Summary

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

Job ID: 240-162970-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(62-137)	(56-136)	(78-122)	(73-120)
240-162970-1	TRIP BLANK_48	92	90	95	104
240-162970-2	MW-106S_021822	99	100	107	110
240-162970-3	MW-192S_021822	99	99	106	113
240-162970-3 MS	MW-192S-MS_021822	99	111	110	108
240-162970-3 MSD	MW-192S-MSD_021822	104	111	114	112
240-162970-4	MW-78_021822	97	98	102	109
240-162970-4 MS	MW-78-MS_021822	95	106	107	108
240-162970-4 MSD	MW-78-MSD_021822	95	107	109	108
240-162970-5	MW-78S_021822	106	104	104	117
LCS 240-518745/5	Lab Control Sample	98	108	113	111
LCS 240-518848/5	Lab Control Sample	91	103	104	107
MB 240-518745/7	Method Blank	100	104	109	111
MB 240-518848/7	Method Blank	99	99	103	115

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)
		DCA
Lab Sample ID	Client Sample ID	(66-120)
240-162970-2	MW-106S_021822	79
240-162970-3	MW-192S_021822	81
240-162970-3 MS	MW-192S-MS_021822	81
240-162970-3 MSD	MW-192S-MSD_021822	80
240-162970-4	MW-78_021822	79
240-162970-4 MS	MW-78-MS_021822	79
240-162970-4 MSD	MW-78-MSD_021822	79
240-162970-5	MW-78S_021822	73
240-162971-H-3 MS	Matrix Spike	74
240-162971-N-3 MSD	Matrix Spike Duplicate	75
LCS 240-518602/3	Lab Control Sample	79
LCS 240-518603/4	Lab Control Sample	79
LCS 240-518807/4	Lab Control Sample	73
MB 240-518602/4	Method Blank	79
MB 240-518603/5	Method Blank	78
MB 240-518807/5	Method Blank	72

Surrogate Legend

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

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

Lab Sample ID: MB 240-518745/7
Matrix: Water
Analysis Batch: 518745

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			02/25/22 12:33	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/25/22 12:33	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/25/22 12:33	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/25/22 12:33	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/25/22 12:33	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/25/22 12:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*62 - 137*		*02/25/22 12:33*	*1*
4-Bromofluorobenzene (Surr)	*104*		*56 - 136*		*02/25/22 12:33*	*1*
Toluene-d8 (Surr)	*109*		*78 - 122*		*02/25/22 12:33*	*1*
Dibromofluoromethane (Surr)	*111*		*73 - 120*		*02/25/22 12:33*	*1*

Lab Sample ID: LCS 240-518745/5
Matrix: Water
Analysis Batch: 518745

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	24.8		ug/L		99	63 - 134
cis-1,2-Dichloroethene	25.0	23.6		ug/L		95	77 - 123
Tetrachloroethene	25.0	26.0		ug/L		104	76 - 123
trans-1,2-Dichloroethene	25.0	24.7		ug/L		99	75 - 124
Trichloroethene	25.0	24.4		ug/L		98	70 - 122
Vinyl chloride	25.0	22.8		ug/L		91	60 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*62 - 137*
4-Bromofluorobenzene (Surr)	*108*		*56 - 136*
Toluene-d8 (Surr)	*113*		*78 - 122*
Dibromofluoromethane (Surr)	*111*		*73 - 120*

Lab Sample ID: 240-162970-3 MS
Matrix: Water
Analysis Batch: 518745

Client Sample ID: MW-192S-MS_021822
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	23.0		ug/L		92	56 - 135
cis-1,2-Dichloroethene	1.0	U	25.0	23.2		ug/L		93	66 - 128
Tetrachloroethene	1.0	U	25.0	23.2		ug/L		93	62 - 131
trans-1,2-Dichloroethene	1.0	U	25.0	22.3		ug/L		89	56 - 136
Trichloroethene	1.0	U	25.0	22.7		ug/L		91	61 - 124
Vinyl chloride	1.0	U	25.0	21.2		ug/L		85	43 - 157

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 137*
4-Bromofluorobenzene (Surr)	*111*		*56 - 136*
Toluene-d8 (Surr)	*110*		*78 - 122*

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

Lab Sample ID: 240-162970-3 MS
Matrix: Water
Analysis Batch: 518745

Client Sample ID: MW-192S-MS_021822
Prep Type: Total/NA

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*108*		*73 - 120*

Lab Sample ID: 240-162970-3 MSD
Matrix: Water
Analysis Batch: 518745

Client Sample ID: MW-192S-MSD_021822
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	22.7		ug/L		91	56 - 135	1	26
cis-1,2-Dichloroethene	1.0	U	25.0	23.0		ug/L		92	66 - 128	1	14
Tetrachloroethene	1.0	U	25.0	23.5		ug/L		94	62 - 131	2	20
trans-1,2-Dichloroethene	1.0	U	25.0	22.4		ug/L		90	56 - 136	1	15
Trichloroethene	1.0	U	25.0	22.5		ug/L		90	61 - 124	1	15
Vinyl chloride	1.0	U	25.0	22.4		ug/L		90	43 - 157	5	24

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*62 - 137*
4-Bromofluorobenzene (Surr)	*111*		*56 - 136*
Toluene-d8 (Surr)	*114*		*78 - 122*
Dibromofluoromethane (Surr)	*112*		*73 - 120*

Lab Sample ID: MB 240-518848/7
Matrix: Water
Analysis Batch: 518848

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			02/28/22 12:38	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/28/22 12:38	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/28/22 12:38	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/28/22 12:38	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/28/22 12:38	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/28/22 12:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 137*		*02/28/22 12:38*	*1*
4-Bromofluorobenzene (Surr)	*99*		*56 - 136*		*02/28/22 12:38*	*1*
Toluene-d8 (Surr)	*103*		*78 - 122*		*02/28/22 12:38*	*1*
Dibromofluoromethane (Surr)	*115*		*73 - 120*		*02/28/22 12:38*	*1*

Lab Sample ID: LCS 240-518848/5
Matrix: Water
Analysis Batch: 518848

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	26.2		ug/L		105	63 - 134		
cis-1,2-Dichloroethene			25.0	24.9		ug/L		99	77 - 123		
Tetrachloroethene			25.0	24.6		ug/L		98	76 - 123		
trans-1,2-Dichloroethene			25.0	25.6		ug/L		102	75 - 124		
Trichloroethene			25.0	24.0		ug/L		96	70 - 122		

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

Lab Sample ID: LCS 240-518848/5
Matrix: Water
Analysis Batch: 518848

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Vinyl chloride			25.0	23.4		ug/L		93	60 - 144		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*62 - 137*
4-Bromofluorobenzene (Surr)	*103*		*56 - 136*
Toluene-d8 (Surr)	*104*		*78 - 122*
Dibromofluoromethane (Surr)	*107*		*73 - 120*

Lab Sample ID: 240-162970-4 MS
Matrix: Water
Analysis Batch: 518848

Client Sample ID: MW-78-MS_021822
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	24.5		ug/L		98	56 - 135		
cis-1,2-Dichloroethene	1.0	U	25.0	22.7		ug/L		91	66 - 128		
Tetrachloroethene	1.0	U	25.0	26.4		ug/L		106	62 - 131		
trans-1,2-Dichloroethene	1.0	U	25.0	23.1		ug/L		92	56 - 136		
Trichloroethene	1.0	U	25.0	22.9		ug/L		92	61 - 124		
Vinyl chloride	1.0	U	25.0	21.1		ug/L		84	43 - 157		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*62 - 137*
4-Bromofluorobenzene (Surr)	*106*		*56 - 136*
Toluene-d8 (Surr)	*107*		*78 - 122*
Dibromofluoromethane (Surr)	*108*		*73 - 120*

Lab Sample ID: 240-162970-4 MSD
Matrix: Water
Analysis Batch: 518848

Client Sample ID: MW-78-MSD_021822
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	24.6		ug/L		98	56 - 135	1	26
cis-1,2-Dichloroethene	1.0	U	25.0	23.3		ug/L		93	66 - 128	2	14
Tetrachloroethene	1.0	U	25.0	27.2		ug/L		109	62 - 131	3	20
trans-1,2-Dichloroethene	1.0	U	25.0	23.8		ug/L		95	56 - 136	3	15
Trichloroethene	1.0	U	25.0	23.4		ug/L		93	61 - 124	2	15
Vinyl chloride	1.0	U	25.0	22.2		ug/L		89	43 - 157	5	24

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*62 - 137*
4-Bromofluorobenzene (Surr)	*107*		*56 - 136*
Toluene-d8 (Surr)	*109*		*78 - 122*
Dibromofluoromethane (Surr)	*108*		*73 - 120*

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

Lab Sample ID: MB 240-518602/4
Matrix: Water
Analysis Batch: 518602

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			02/23/22 19:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*79*		*66 - 120*		*02/23/22 19:41*	*1*

Lab Sample ID: LCS 240-518602/3
Matrix: Water
Analysis Batch: 518602

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	9.02		ug/L		90	80 - 122		

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

Lab Sample ID: 240-162970-3 MS
Matrix: Water
Analysis Batch: 518602

Client Sample ID: MW-192S-MS_021822
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	10.5		ug/L		105	51 - 153		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*81*		*66 - 120*

Lab Sample ID: 240-162970-3 MSD
Matrix: Water
Analysis Batch: 518602

Client Sample ID: MW-192S-MSD_021822
Prep Type: Total/NA

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	10.2		ug/L		102	51 - 153	3	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*80*		*66 - 120*

Lab Sample ID: MB 240-518603/5
Matrix: Water
Analysis Batch: 518603

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			02/23/22 20:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*78*		*66 - 120*		*02/23/22 20:58*	*1*

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

Lab Sample ID: LCS 240-518603/4
Matrix: Water
Analysis Batch: 518603

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	10.6		ug/L		106	80 - 122		

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

Lab Sample ID: 240-162970-4 MS
Matrix: Water
Analysis Batch: 518603

Client Sample ID: MW-78-MS_021822
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	11.0		ug/L		110	51 - 153		

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

Lab Sample ID: 240-162970-4 MSD
Matrix: Water
Analysis Batch: 518603

Client Sample ID: MW-78-MSD_021822
Prep Type: Total/NA

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	10.7		ug/L		107	51 - 153	3	16

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

Lab Sample ID: MB 240-518807/5
Matrix: Water
Analysis Batch: 518807

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			02/25/22 16:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*72*		*66 - 120*		*02/25/22 16:31*	*1*

Lab Sample ID: LCS 240-518807/4
Matrix: Water
Analysis Batch: 518807

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	10.2		ug/L		102	80 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*73*		*66 - 120*

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

Lab Sample ID: 240-162971-H-3 MS
Matrix: Water
Analysis Batch: 518807

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	2.2		10.0	13.0		ug/L		108	51 - 153		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*74*		*66 - 120*

Lab Sample ID: 240-162971-N-3 MSD
Matrix: Water
Analysis Batch: 518807

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
1,4-Dioxane	2.2		10.0	12.4		ug/L		102	51 - 153	4	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*75*		*66 - 120*

QC Association Summary

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

Job ID: 240-162970-1

GC/MS VOA

Analysis Batch: 518602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-162970-3	MW-192S_021822	Total/NA	Water	8260B SIM	
MB 240-518602/4	Method Blank	Total/NA	Water	8260B SIM	
LCS 240-518602/3	Lab Control Sample	Total/NA	Water	8260B SIM	
240-162970-3 MS	MW-192S-MS_021822	Total/NA	Water	8260B SIM	
240-162970-3 MSD	MW-192S-MSD_021822	Total/NA	Water	8260B SIM	

Analysis Batch: 518603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-162970-2	MW-106S_021822	Total/NA	Water	8260B SIM	
240-162970-4	MW-78_021822	Total/NA	Water	8260B SIM	
MB 240-518603/5	Method Blank	Total/NA	Water	8260B SIM	
LCS 240-518603/4	Lab Control Sample	Total/NA	Water	8260B SIM	
240-162970-4 MS	MW-78-MS_021822	Total/NA	Water	8260B SIM	
240-162970-4 MSD	MW-78-MSD_021822	Total/NA	Water	8260B SIM	

Analysis Batch: 518745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-162970-1	TRIP BLANK_48	Total/NA	Water	8260B	
240-162970-2	MW-106S_021822	Total/NA	Water	8260B	
240-162970-3	MW-192S_021822	Total/NA	Water	8260B	
240-162970-5	MW-78S_021822	Total/NA	Water	8260B	
MB 240-518745/7	Method Blank	Total/NA	Water	8260B	
LCS 240-518745/5	Lab Control Sample	Total/NA	Water	8260B	
240-162970-3 MS	MW-192S-MS_021822	Total/NA	Water	8260B	
240-162970-3 MSD	MW-192S-MSD_021822	Total/NA	Water	8260B	

Analysis Batch: 518807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-162970-5	MW-78S_021822	Total/NA	Water	8260B SIM	
MB 240-518807/5	Method Blank	Total/NA	Water	8260B SIM	
LCS 240-518807/4	Lab Control Sample	Total/NA	Water	8260B SIM	
240-162971-H-3 MS	Matrix Spike	Total/NA	Water	8260B SIM	
240-162971-N-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B SIM	

Analysis Batch: 518848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-162970-4	MW-78_021822	Total/NA	Water	8260B	
MB 240-518848/7	Method Blank	Total/NA	Water	8260B	
LCS 240-518848/5	Lab Control Sample	Total/NA	Water	8260B	
240-162970-4 MS	MW-78-MS_021822	Total/NA	Water	8260B	
240-162970-4 MSD	MW-78-MSD_021822	Total/NA	Water	8260B	

Lab Chronicle

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

Job ID: 240-162970-1

Client Sample ID: TRIP BLANK_48
Lab Sample ID: 240-162970-1
Date Collected: 02/18/22 00:00
Matrix: Water
Date Received: 02/23/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	518745	02/25/22 13:43	LEE	TAL CAN

Client Sample ID: MW-106S_021822
Lab Sample ID: 240-162970-2
Date Collected: 02/18/22 10:32
Matrix: Water
Date Received: 02/23/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	518745	02/25/22 16:51	LEE	TAL CAN
Total/NA	Analysis	8260B SIM		1	518603	02/24/22 07:13	CS	TAL CAN

Client Sample ID: MW-192S_021822
Lab Sample ID: 240-162970-3
Date Collected: 02/18/22 12:07
Matrix: Water
Date Received: 02/23/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	518745	02/25/22 17:15	LEE	TAL CAN
Total/NA	Analysis	8260B SIM		1	518602	02/24/22 01:31	CS	TAL CAN

Client Sample ID: MW-78_021822
Lab Sample ID: 240-162970-4
Date Collected: 02/18/22 13:55
Matrix: Water
Date Received: 02/23/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	518848	02/28/22 13:01	SAM	TAL CAN
Total/NA	Analysis	8260B SIM		1	518603	02/24/22 03:40	CS	TAL CAN

Client Sample ID: MW-78S_021822
Lab Sample ID: 240-162970-5
Date Collected: 02/18/22 15:15
Matrix: Water
Date Received: 02/23/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	518745	02/25/22 17:38	LEE	TAL CAN
Total/NA	Analysis	8260B SIM		1	518807	02/25/22 17:24	CS	TAL CAN

Laboratory References:
TAL 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: 240-162970-1

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	02-23-22 *
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	12-31-22
Minnesota	NELAP	039-999-348	12-31-22
Minnesota (Petrofund)	State	3506	08-01-23
New Jersey	NELAP	OH001	11-06-22
New York	NELAP	10975	03-31-22
Ohio	State	8303	02-23-23
Ohio VAP	State	CL0024	12-21-23
Pennsylvania	NELAP	68-00340	08-31-22
Texas	NELAP	T104704517-21-14	08-31-22
Virginia	NELAP	11570	09-14-22
Washington	State	C971	01-12-23
West Virginia DEP	State	210	12-31-22

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

MICHIGAN 190

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact	Client Project Manager: Kris Hinskey	Site Contact: Julia McClafferty	Lab Contact: Mike DelMonico	COC No:
Company Name: Arcadis	Telephone: 248-994-2240	Telephone: 734-644-5131	Telephone: 330-497-9396	1 of 1 COCs
Address: 28550 Cabot Drive, Suite 500	Email: kristoffer.hinskey@arcadis.com	Analysis Turnaround Time	Analyses	For lab use only
City/State/Zip: Novi, MI, 48377	Sampler Name: Dominic Harmon	TAT if different from below: ☐ 3 weeks ☑ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day; 10 day		Walk-in client
Phone: 248-994-2240	Method of Shipment/Carrier:			Lab sampling
Project Name: Ford LTP Off-Site	Shipping/Tracking No:			Job/SDG No:
Project Number: 30080642.402.04				
PO # 30080642.402.04				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other	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	Sample Specific Notes / Special Instructions:
TRIP BLANK_48	—	—		1						1					N	G	X	X	X	X	X	X		1 Trip Blank
MW-106S-021822	02/18/22	1032		6						6					N	G	✓	✓	✓	✓	✓	✓	✓	3 VOAs for 8260B 3 VOAs for 8260B SIM
MW-192S-021822	02/18/22	1207		6						6					N	G	✓	✓	✓	✓	✓	✓	✓	
MW-192S-MS-021822	02/18/22	1207		6						6					N	G	✓	✓	✓	✓	✓	✓	✓	run MS/MSD
MW-192S-MSD-021822	02/18/22	1207		6						6					N	G	✓	✓	✓	✓	✓	✓	✓	run MS/MSD
MW-78-MS-021822	02/18/22	1355		6						6					N	G	✓	✓	✓	✓	✓	✓	✓	run MS/MSD
MW-78-MSD-021822	02/18/22	1355		6						6					N	G	✓	✓	✓	✓	✓	✓	✓	run MS/MSD
MW-78-021822	02/18/22	1355		6						6					N	G	✓	✓	✓	✓	✓	✓	✓	
MW-78S-021822	02/18/22	1515		6						6					N	G	✓	✓	✓	X	X	X	✓	

Possible Hazard Identification: ☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ 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

Special Instructions/QC Requirements & Comments:
Sample Address: Beacon Row
Submit all results through Cadena at jtomalia@cadenaco.com. Cadena #E203631
Level IV Reporting requested.

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	Arcadis	02/18/22 1609	Novi Cold Storage	Arcadis	02/18/22 1609
Relinquished by: Novi Cold Storage	Company: Arcadis	Date/Time: 2/22/22 1000	Received by:	Company: EETA	Date/Time: 2-22-1000
Relinquished by:	Company: EETA	Date/Time: 2-22-22 1400	Received in Laboratory by:	Company: CETNC	Date/Time: 2/23/22 8:00

240-162970 Chain of Custody

Eurofins TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 162970

Client ARCADIS Site Name

Cooler unpacked by: Matthew Surma

Cooler Received on 2/23/22 Opened on 2/23/22

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 ☒ See Multiple Cooler Form
   IR GUN# IR-14 (CF **-0.2** °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
   IR GUN #IR-15 (CF **-0.7**°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)
   -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)?
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 #0104201G (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: _____

Login # : 162970

Eurofins TestAmerica Canton Sample Receipt Multiple Cooler Form				
Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp ºC	Corrected Temp ºC	Coolant (Circle)
TA Client Box Other	IR-14 IR-15	0.3	0.1	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-14 IR-15	0.4	0.2	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-14 IR-15	1.3	1.1	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-14 IR-15			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-14 IR-15			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-14 IR-15			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-14 IR-15			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-14 IR-15			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-14 IR-15			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-14 IR-15			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-14 IR-15			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-14 IR-15			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-14 IR-15			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-14 IR-15			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-14 IR-15			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-14 IR-15			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-14 IR-15			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-14 IR-15			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-14 IR-15			Wet Ice Blue Ice Dry Ice Water None
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TA Client Box Other	IR-14 IR-15			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-14 IR-15			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-14 IR-15			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-14 IR-15			Wet Ice Blue Ice Dry Ice Water None
			☐ See Temperature Excursion Form	

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

1 2 3 4 5 6 7 8 9 10 11 12 13 14