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ANALYTICAL REPORT

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

Laboratory Job ID: 240-114386-1
Client Project/Site: Ford LTP Livonia MI - E203728

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

Attn: Kristoffer Hinskey

Authorized for release by:
6/28/2019 10:22:56 AM

Michael DelMonico, Project Manager I
(330)497-9396
michael.delmonico@testamericainc.com

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.

Table of Contents

Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 240-114386-1
Project/Site: Ford LTP Livonia MI - E203728

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
X	Surrogate is outside control limits

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
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Job ID: 240-114386-1

Laboratory: Eurofins TestAmerica, Canton

Narrative

CASE NARRATIVE

Client: ARCADIS U.S., Inc.

Project: Ford LTP Livonia MI - E203728

Report Number: 240-114386-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Eurofins TestAmerica, Canton attests to the validity of the laboratory data generated by Eurofins TestAmerica facilities reported herein. All analyses performed by Eurofins TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

RECEIPT

The samples were received on 6/14/2019 8:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.0º C and 1.9º C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples MW-14_061219 (240-114386-1), MW-20_061219 (240-114386-2), MW-37_061219 (240-114386-3), MW-47_061219 (240-114386-4) and TRIP BLANK (240-114386-5) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 06/24/2019 and 06/25/2019.

1,2-Dichloroethane-d4 (Surr) failed the surrogate recovery criteria high for TRIP BLANK (240-114386-5). Refer to the QC report for details.

Sample MW-47_061219 (240-114386-4)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Surrogate recovery for the following sample was outside the upper control limit: TRIP BLANK (240-114386-5). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

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

VOLATILE ORGANIC COMPOUNDS (GCMS SIM)

Samples MW-14_061219 (240-114386-1), MW-20_061219 (240-114386-2), MW-37_061219 (240-114386-3) and MW-47_061219

Job ID: 240-114386-1 (Continued)

Laboratory: Eurofins TestAmerica, Canton (Continued)

(240-114386-4) were analyzed for volatile organic compounds (GCMS SIM) in accordance with EPA SW-846 Method 8260B SIM. The samples were analyzed on 06/17/2019 and 06/18/2019.

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

Method Summary

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP Livonia MI - E203728

Job ID: 240-114386-1

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

Sample Summary

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP Livonia MI - E203728

Job ID: 240-114386-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-114386-1	MW-14_061219	Water	06/12/19 10:30	06/14/19 08:15	
240-114386-2	MW-20_061219	Water	06/12/19 12:30	06/14/19 08:15	
240-114386-3	MW-37_061219	Water	06/12/19 16:30	06/14/19 08:15	
240-114386-4	MW-47_061219	Water	06/12/19 14:30	06/14/19 08:15	
240-114386-5	TRIP BLANK	Water	06/12/19 00:00	06/14/19 08:15	

Detection Summary

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP Livonia MI - E203728

Job ID: 240-114386-1

Client Sample ID: MW-14_061219 — Lab Sample ID: 240-114386-1

No Detections.

Client Sample ID: MW-20_061219 — Lab Sample ID: 240-114386-2

No Detections.

Client Sample ID: MW-37_061219 — Lab Sample ID: 240-114386-3

No Detections.

Client Sample ID: MW-47_061219 — Lab Sample ID: 240-114386-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	25		4.0	0.64	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	5.3		4.0	0.76	ug/L	4		8260B	Total/NA
Vinyl chloride	120		4.0	0.80	ug/L	4		8260B	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 240-114386-5

No Detections.

This Detection Summary does not include radiochemical test results.

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP Livonia MI - E203728

Job ID: 240-114386-1

Client Sample ID: MW-14_061219
Date Collected: 06/12/19 10:30
Date Received: 06/14/19 08:15

Lab Sample ID: 240-114386-1
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			06/17/19 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*63 - 125*		*06/17/19 20:16*	*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			06/24/19 19:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.16	ug/L			06/24/19 19:15	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			06/24/19 19:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/24/19 19:15	1
Trichloroethene	1.0	U	1.0	0.10	ug/L			06/24/19 19:15	1
Vinyl chloride	1.0	U	1.0	0.20	ug/L			06/24/19 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*70 - 121*		*06/24/19 19:15*	*1*
4-Bromofluorobenzene (Surr)	*100*		*59 - 120*		*06/24/19 19:15*	*1*
Toluene-d8 (Surr)	*104*		*70 - 123*		*06/24/19 19:15*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 128*		*06/24/19 19:15*	*1*

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP Livonia MI - E203728

Job ID: 240-114386-1

Client Sample ID: MW-20_061219
Date Collected: 06/12/19 12:30
Date Received: 06/14/19 08:15

Lab Sample ID: 240-114386-2
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			06/17/19 20:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*63 - 125*		*06/17/19 20:42*	*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			06/24/19 19:40	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.16	ug/L			06/24/19 19:40	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			06/24/19 19:40	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/24/19 19:40	1
Trichloroethene	1.0	U	1.0	0.10	ug/L			06/24/19 19:40	1
Vinyl chloride	1.0	U	1.0	0.20	ug/L			06/24/19 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*70 - 121*		*06/24/19 19:40*	*1*
4-Bromofluorobenzene (Surr)	*99*		*59 - 120*		*06/24/19 19:40*	*1*
Toluene-d8 (Surr)	*102*		*70 - 123*		*06/24/19 19:40*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 128*		*06/24/19 19:40*	*1*

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP Livonia MI - E203728

Job ID: 240-114386-1

Client Sample ID: MW-37_061219
Date Collected: 06/12/19 16:30
Date Received: 06/14/19 08:15

Lab Sample ID: 240-114386-3
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			06/17/19 21:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*63 - 125*		*06/17/19 21:07*	*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			06/24/19 20:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.16	ug/L			06/24/19 20:05	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			06/24/19 20:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/24/19 20:05	1
Trichloroethene	1.0	U	1.0	0.10	ug/L			06/24/19 20:05	1
Vinyl chloride	1.0	U	1.0	0.20	ug/L			06/24/19 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*70 - 121*		*06/24/19 20:05*	*1*
4-Bromofluorobenzene (Surr)	*100*		*59 - 120*		*06/24/19 20:05*	*1*
Toluene-d8 (Surr)	*102*		*70 - 123*		*06/24/19 20:05*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 128*		*06/24/19 20:05*	*1*

Client Sample ID: MW-47_061219
Lab Sample ID: 240-114386-4

Date Collected: 06/12/19 14:30
Matrix: Water
Date Received: 06/14/19 08:15

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			06/18/19 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*63 - 125*		*06/18/19 18:51*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	4.0	U	4.0	0.76	ug/L			06/25/19 15:28	4
cis-1,2-Dichloroethene	**25**		4.0	0.64	ug/L			06/25/19 15:28	4
Tetrachloroethene	4.0	U	4.0	0.60	ug/L			06/25/19 15:28	4
trans-1,2-Dichloroethene	**5.3**		4.0	0.76	ug/L			06/25/19 15:28	4
Trichloroethene	4.0	U	4.0	0.40	ug/L			06/25/19 15:28	4
Vinyl chloride	**120**		4.0	0.80	ug/L			06/25/19 15:28	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 121*		*06/25/19 15:28*	*4*
4-Bromofluorobenzene (Surr)	*88*		*59 - 120*		*06/25/19 15:28*	*4*
Toluene-d8 (Surr)	*98*		*70 - 123*		*06/25/19 15:28*	*4*
Dibromofluoromethane (Surr)	*109*		*75 - 128*		*06/25/19 15:28*	*4*

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP Livonia MI - E203728

Job ID: 240-114386-1

Client Sample ID: TRIP BLANK

Date Collected: 06/12/19 00:00
Date Received: 06/14/19 08:15

Lab Sample ID: 240-114386-5

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	0.19	ug/L			06/24/19 20:54	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.16	ug/L			06/24/19 20:54	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			06/24/19 20:54	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/24/19 20:54	1
Trichloroethene	1.0	U	1.0	0.10	ug/L			06/24/19 20:54	1
Vinyl chloride	1.0	U	1.0	0.20	ug/L			06/24/19 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*	*X*	*70 - 121*		*06/24/19 20:54*	*1*
4-Bromofluorobenzene (Surr)	*100*		*59 - 120*		*06/24/19 20:54*	*1*
Toluene-d8 (Surr)	*102*		*70 - 123*		*06/24/19 20:54*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 128*		*06/24/19 20:54*	*1*

Surrogate Summary

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP Livonia MI - E203728

Job ID: 240-114386-1

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	(70-121)	(59-120)	(70-123)	(75-128)
240-114386-1	MW-14_061219	119	100	104	105
240-114386-2	MW-20_061219	118	99	102	105
240-114386-3	MW-37_061219	119	100	102	106
240-114386-4	MW-47_061219	106	88	98	109
240-114386-4 MS	MW-47_061219	104	87	95	106
240-114386-4 MSD	MW-47_061219	109	89	97	112
240-114386-5	TRIP BLANK	122 X	100	102	109
LCS 240-387869/5	Lab Control Sample	111	106	106	100
LCS 240-388136/6	Lab Control Sample	108	90	105	111
MB 240-387869/8	Method Blank	118	100	102	107
MB 240-388136/9	Method Blank	113	90	103	112

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	(63-125)
240-114386-1	MW-14_061219	121
240-114386-2	MW-20_061219	115
240-114386-3	MW-37_061219	109
240-114386-4	MW-47_061219	112
240-114386-4 MS	MW-47_061219	110
240-114386-4 MSD	MW-47_061219	108
LCS 240-386517/4	Lab Control Sample	99
LCS 240-386776/4	Lab Control Sample	105
MB 240-386517/5	Method Blank	105
MB 240-386776/5	Method Blank	109

Surrogate Legend

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

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

Lab Sample ID: MB 240-387869/8
Matrix: Water
Analysis Batch: 387869

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	0.19	ug/L			06/24/19 13:16	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.16	ug/L			06/24/19 13:16	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			06/24/19 13:16	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/24/19 13:16	1
Trichloroethene	1.0	U	1.0	0.10	ug/L			06/24/19 13:16	1
Vinyl chloride	1.0	U	1.0	0.20	ug/L			06/24/19 13:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*70 - 121*		*06/24/19 13:16*	*1*
4-Bromofluorobenzene (Surr)	*100*		*59 - 120*		*06/24/19 13:16*	*1*
Toluene-d8 (Surr)	*102*		*70 - 123*		*06/24/19 13:16*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 128*		*06/24/19 13:16*	*1*

Lab Sample ID: LCS 240-387869/5
Matrix: Water
Analysis Batch: 387869

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	20.0	18.9		ug/L		94	65 - 139
cis-1,2-Dichloroethene	20.0	18.8		ug/L		94	76 - 128
Tetrachloroethene	20.0	19.6		ug/L		98	74 - 130
trans-1,2-Dichloroethene	20.0	19.5		ug/L		98	78 - 133
Trichloroethene	20.0	18.9		ug/L		94	76 - 125
Vinyl chloride	20.0	24.3		ug/L		122	58 - 143

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 121*
4-Bromofluorobenzene (Surr)	*106*		*59 - 120*
Toluene-d8 (Surr)	*106*		*70 - 123*
Dibromofluoromethane (Surr)	*100*		*75 - 128*

Lab Sample ID: MB 240-388136/9
Matrix: Water
Analysis Batch: 388136

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	0.19	ug/L			06/25/19 14:04	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.16	ug/L			06/25/19 14:04	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			06/25/19 14:04	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/25/19 14:04	1
Trichloroethene	1.0	U	1.0	0.10	ug/L			06/25/19 14:04	1
Vinyl chloride	1.0	U	1.0	0.20	ug/L			06/25/19 14:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 121*		*06/25/19 14:04*	*1*
4-Bromofluorobenzene (Surr)	*90*		*59 - 120*		*06/25/19 14:04*	*1*
Toluene-d8 (Surr)	*103*		*70 - 123*		*06/25/19 14:04*	*1*

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

Lab Sample ID: MB 240-388136/9
Matrix: Water
Analysis Batch: 388136

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*112*		*75 - 128*		*06/25/19 14:04*	*1*

Lab Sample ID: LCS 240-388136/6
Matrix: Water
Analysis Batch: 388136

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	20.0	23.9		ug/L		120	65 - 139
cis-1,2-Dichloroethene	20.0	21.5		ug/L		107	76 - 128
Tetrachloroethene	20.0	18.7		ug/L		93	74 - 130
trans-1,2-Dichloroethene	20.0	23.5		ug/L		117	78 - 133
Trichloroethene	20.0	20.0		ug/L		100	76 - 125
Vinyl chloride	20.0	23.5		ug/L		117	58 - 143

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 121*
4-Bromofluorobenzene (Surr)	*90*		*59 - 120*
Toluene-d8 (Surr)	*105*		*70 - 123*
Dibromofluoromethane (Surr)	*111*		*75 - 128*

Lab Sample ID: 240-114386-4 MS
Matrix: Water
Analysis Batch: 388136

Client Sample ID: MW-47_061219
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	4.0	U	80.0	86.8		ug/L		108	53 - 140
cis-1,2-Dichloroethene	25		80.0	99.8		ug/L		94	64 - 130
Tetrachloroethene	4.0	U	80.0	62.9		ug/L		79	51 - 136
trans-1,2-Dichloroethene	5.3		80.0	88.3		ug/L		104	68 - 133
Trichloroethene	4.0	U	80.0	69.6		ug/L		87	55 - 131
Vinyl chloride	120		80.0	203		ug/L		108	43 - 154

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 121*
4-Bromofluorobenzene (Surr)	*87*		*59 - 120*
Toluene-d8 (Surr)	*95*		*70 - 123*
Dibromofluoromethane (Surr)	*106*		*75 - 128*

Lab Sample ID: 240-114386-4 MSD
Matrix: Water
Analysis Batch: 388136

Client Sample ID: MW-47_061219
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	4.0	U	80.0	90.7		ug/L		113	53 - 140	4	35
cis-1,2-Dichloroethene	25		80.0	105		ug/L		101	64 - 130	5	21
Tetrachloroethene	4.0	U	80.0	67.0		ug/L		84	51 - 136	6	23
trans-1,2-Dichloroethene	5.3		80.0	94.7		ug/L		112	68 - 133	7	24
Trichloroethene	4.0	U	80.0	75.5		ug/L		94	55 - 131	8	23

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

Lab Sample ID: 240-114386-4 MSD
Matrix: Water
Analysis Batch: 388136

Client Sample ID: MW-47_061219
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Vinyl chloride	120		80.0	196		ug/L		100	43 - 154	3	29

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 121*
4-Bromofluorobenzene (Surr)	*89*		*59 - 120*
Toluene-d8 (Surr)	*97*		*70 - 123*
Dibromofluoromethane (Surr)	*112*		*75 - 128*

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

Lab Sample ID: MB 240-386517/5
Matrix: Water
Analysis Batch: 386517

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			06/17/19 11:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 125*		*06/17/19 11:27*	*1*

Lab Sample ID: LCS 240-386517/4
Matrix: Water
Analysis Batch: 386517

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	10.9		ug/L		109	59 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 125*

Lab Sample ID: MB 240-386776/5
Matrix: Water
Analysis Batch: 386776

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			06/18/19 12:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*63 - 125*		*06/18/19 12:37*	*1*

Lab Sample ID: LCS 240-386776/4
Matrix: Water
Analysis Batch: 386776

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	10.9		ug/L		109	59 - 131		

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

Lab Sample ID: LCS 240-386776/4
Matrix: Water
Analysis Batch: 386776

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 125*

Lab Sample ID: 240-114386-4 MS
Matrix: Water
Analysis Batch: 386776

Client Sample ID: MW-47_061219
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	11.1		ug/L		111	52 - 129		

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*110*		*63 - 125*

Lab Sample ID: 240-114386-4 MSD
Matrix: Water
Analysis Batch: 386776

Client Sample ID: MW-47_061219
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	11.2		ug/L		112	52 - 129	1	13

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*108*		*63 - 125*

QC Association Summary

Client: ARCADIS U.S., Inc.
Job ID: 240-114386-1
Project/Site: Ford LTP Livonia MI - E203728

GC/MS VOA

Analysis Batch: 386517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-114386-1	MW-14_061219	Total/NA	Water	8260B SIM	
240-114386-2	MW-20_061219	Total/NA	Water	8260B SIM	
240-114386-3	MW-37_061219	Total/NA	Water	8260B SIM	
MB 240-386517/5	Method Blank	Total/NA	Water	8260B SIM	
LCS 240-386517/4	Lab Control Sample	Total/NA	Water	8260B SIM	

Analysis Batch: 386776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-114386-4	MW-47_061219	Total/NA	Water	8260B SIM	
MB 240-386776/5	Method Blank	Total/NA	Water	8260B SIM	
LCS 240-386776/4	Lab Control Sample	Total/NA	Water	8260B SIM	
240-114386-4 MS	MW-47_061219	Total/NA	Water	8260B SIM	
240-114386-4 MSD	MW-47_061219	Total/NA	Water	8260B SIM	

Analysis Batch: 387869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-114386-1	MW-14_061219	Total/NA	Water	8260B	
240-114386-2	MW-20_061219	Total/NA	Water	8260B	
240-114386-3	MW-37_061219	Total/NA	Water	8260B	
240-114386-5	TRIP BLANK	Total/NA	Water	8260B	
MB 240-387869/8	Method Blank	Total/NA	Water	8260B	
LCS 240-387869/5	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 388136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-114386-4	MW-47_061219	Total/NA	Water	8260B	
MB 240-388136/9	Method Blank	Total/NA	Water	8260B	
LCS 240-388136/6	Lab Control Sample	Total/NA	Water	8260B	
240-114386-4 MS	MW-47_061219	Total/NA	Water	8260B	
240-114386-4 MSD	MW-47_061219	Total/NA	Water	8260B	

Lab Chronicle

Client: ARCADIS U.S., Inc.
Job ID: 240-114386-1
Project/Site: Ford LTP Livonia MI - E203728

Client Sample ID: MW-14_061219
Lab Sample ID: 240-114386-1
Date Collected: 06/12/19 10:30
Matrix: Water
Date Received: 06/14/19 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	387869	06/24/19 19:15	HMB	TAL CAN
Total/NA	Analysis	8260B SIM		1	386517	06/17/19 20:16	SAM	TAL CAN

Client Sample ID: MW-20_061219
Lab Sample ID: 240-114386-2
Date Collected: 06/12/19 12:30
Matrix: Water
Date Received: 06/14/19 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	387869	06/24/19 19:40	HMB	TAL CAN
Total/NA	Analysis	8260B SIM		1	386517	06/17/19 20:42	SAM	TAL CAN

Client Sample ID: MW-37_061219
Lab Sample ID: 240-114386-3
Date Collected: 06/12/19 16:30
Matrix: Water
Date Received: 06/14/19 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	387869	06/24/19 20:05	HMB	TAL CAN
Total/NA	Analysis	8260B SIM		1	386517	06/17/19 21:07	SAM	TAL CAN

Client Sample ID: MW-47_061219
Lab Sample ID: 240-114386-4
Date Collected: 06/12/19 14:30
Matrix: Water
Date Received: 06/14/19 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	388136	06/25/19 15:28	HMB	TAL CAN
Total/NA	Analysis	8260B SIM		1	386776	06/18/19 18:51	SAM	TAL CAN

Client Sample ID: TRIP BLANK
Lab Sample ID: 240-114386-5
Date Collected: 06/12/19 00:00
Matrix: Water
Date Received: 06/14/19 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	387869	06/24/19 20:54	HMB	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.
Job ID: 240-114386-1
Project/Site: Ford LTP Livonia MI - E203728

Laboratory: Eurofins TestAmerica, Canton

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

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State		2927	02-23-20
California	State Program	9	2927	02-23-20
Connecticut	State Program	1	PH-0590	12-31-19
Florida	NELAP	4	E87225	06-30-19 *
Florida	NELAP		E87225	06-30-19
Illinois	NELAP	5	200004	07-31-19 *
Illinois	NELAP		004498	07-31-19
Iowa	State Program	7	421	06-01-21
Kansas	NELAP	7	E-10336	04-30-20
Kentucky (UST)	State Program	4	58	02-23-20
Kentucky (WW)	State Program	4	98016	12-31-19
Minnesota	NELAP	5	039-999-348	12-31-19 *
Minnesota (Petrofund)	State Program	1	3506	07-31-19 *
Nevada	State Program	9	OH00048	07-31-19
New Jersey	NELAP	2	OH001	06-30-20
New Jersey	NELAP		OH001	06-30-19
New York	NELAP	2	10975	03-31-20
New York	NELAP		10975	03-31-20
Ohio VAP	State Program	5	CL0024	06-05-21
Oregon	NELAP	10	4062	02-23-20
Oregon	NELAP		4062	02-23-20
Pennsylvania	NELAP	3	68-00340	08-31-19 *
Pennsylvania	NELAP		68-00340	08-31-19
Texas	NELAP	6	T104704517-18-10	08-31-19 *
Texas	NELAP		T104704517-18-10	08-31-19
USDA	Federal		P330-16-00404	12-28-19
Virginia	NELAP	3	460175	09-14-19 *
Virginia	NELAP		010101	09-14-19
Washington	State		C971	01-12-20
Washington	State Program	10	C971	01-12-20 *
West Virginia DEP	State Program	3	210	12-31-19

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

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

MICHIGAN 190

Chain of Custody Record

1.8/1.9 0.9/1.0

eurofins | Environment Testing TestAmerica

Client Information	Sampler: Emma Witherspoon	Lab PM: DelMonico, Michael	Carrier Tracking No(s):	COC No: 240-61361-26116.2
Client Contact: Caitlin ONeill	Phone: 586 940 9754	E-Mail: michael.delmonico@testamericainc.com		Page: Page 2 of 10
Company: ARCADIS U.S. Inc				Job #:
Address: 28550 Cabot Drive Suite 500	Due Date Requested:			
City: Novi	TAT Requested (days): 10 day / standard			
State, Zip: MI, 48377				
Phone:	PO #: 0004.0001B MI001454.~~0006.00001~~			
Email: Caitlin.ONeill@arcadis.com	WO #: Cadena #: E203~~631~~ 728			
Project Name: Ford LTP Livonia MI - E203~~631~~ 728	Project #: 24015353			
Site: LTP	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

240-114386 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B, 8260B_SIM	8260B - VOCs (Short List)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A		
MW-14_061219	6/12/19	1030	G	Water	N	N	3	3		
MW-20_061219	6/12/19	1230	G	Water	N	N	3	3		
MW-37_061219	6/12/19	1630	G	Water	N	N	3	3		
MW-47_061219	6/12/19	1430	G	Water	N	N	3	3		
MW-47-MS/MSD_061219	6/12/19	1430	G	Water	N	Y	6	6		
Trip Blank	6/12/19	—	—	Water	N	N	—	1		
				Water						
				Water						
				Water						
				Water						
				Water						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Emma Witherspoon	6/12/19 1730	Arcadis	Mary-Catherine Goddard	6/12/19 19:10	Arcadis
Mary-Catherine Goddard	6/12/19 19:10	Arcadis	Arcadis cdd Fridge	6/12/19 1951	Arcadis
RACHEL BIELAK	6/13/19 0950	ALLIED		6-13-19 0951	ETA

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

6-13-19 1505 6/19/19 815 ETAC

VE-01 10/2019

Eurofins TestAmerica Canton Sample Receipt Form/Narrative **Login # : 114386**
Canton Facility

Client Arcadis Site Name

Cooler Received on 6-14-19 Opened on 6-19-19

Cooler unpacked by:

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

Receipt After-hours: Drop-off Date/Time Storage Location

TestAmerica Cooler # 14 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

☑ See Multiple Cooler Form

1. Cooler temperature upon receipt
   IR GUN# IR-8 (CF +0.1 °C) Observed Cooler Temp. ____ °C Corrected Cooler Temp. 1 °C
   IR GUN #36 (CF +0.6°C) Observed Cooler Temp. ____ °C Corrected Cooler Temp. ____ °C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 2 — 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 be reconciled with the COC? — Yes No
9. Were correct bottle(s) used for the test(s) indicated? — Yes No
10. Sufficient quantity received to perform indicated analyses? — Yes No
11. Are these work share samples? — Yes No
    If yes, Questions 12-16 have been checked at the originating laboratory.
12. Were all preserved sample(s) at the correct pH upon receipt? — Yes No NA pH Strip Lot# HC984738
13. Were VOAs on the COC? — Yes No
14. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. — Yes No NA
15. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # B831701VB — Yes No
16. 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 ____

17. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: AMM

18. 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)

19. 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: ____

WI-NC-099

Login # : 114386

TestAmerica Canton Sample Receipt Multiple Cooler Form

Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
TA (circled) Client Box Other	IR-8 (circled) #36	1.8	1.9	Wet Ice (circled) Blue Ice Dry Ice Water None
TA (circled) Client Box Other	IR-8 (circled) #36	0.9	1.0	Wet Ice (circled) Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-8 #36			Wet Ice Blue Ice Dry Ice Water None

☐ See Temperature Excursion Form

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