

ANALYTICAL REPORT

Eurofins TestAmerica, Canton
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Laboratory Job ID: 240-140875-1
Client Project/Site: Ford LTP - Off Site

For:
ARCADIS U.S., Inc.
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Authorized for release by:
12/9/2020 10:44:14 AM

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Results relate only to the items tested and the sample(s) as received by the laboratory.



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Definitions/Glossary

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

Job ID: 240-140875-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
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: 240-140875-1

Job ID: 240-140875-1

Laboratory: Eurofins TestAmerica, Canton

Narrative

CASE NARRATIVE

Client: ARCADIS U.S., Inc.

Project: Ford LTP - Off Site

Report Number: 240-140875-1

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 11/24/2020 9:20 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.0° C and 3.0° C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples TRIP BLANK (240-140875-1), MW-97S_111920 (240-140875-2), MW-77_111920 (240-140875-3) and MW-77S_111920 (240-140875-4) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 12/01/2020 and 12/02/2020.

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

VOLATILE ORGANIC COMPOUNDS (GCMS SIM)

Samples MW-97S_111920 (240-140875-2), MW-77_111920 (240-140875-3) and MW-77S_111920 (240-140875-4) were analyzed for volatile organic compounds (GCMS SIM) in accordance with EPA SW-846 Method 8260B SIM. The samples were analyzed on 11/27/2020 and 11/30/2020.

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 - Off Site

Job ID: 240-140875-1

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
- 14

Sample Summary

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

Job ID: 240-140875-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-140875-1	TRIP BLANK	Water	11/19/20 00:00	11/24/20 09:20	
240-140875-2	MW-97S_111920	Water	11/19/20 13:26	11/24/20 09:20	
240-140875-3	MW-77_111920	Water	11/19/20 16:41	11/24/20 09:20	
240-140875-4	MW-77S_111920	Water	11/19/20 15:16	11/24/20 09:20	

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- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Detection Summary

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

Job ID: 240-140875-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 240-140875-1

No Detections.

Client Sample ID: MW-97S_111920

Lab Sample ID: 240-140875-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.47	J	1.0	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: MW-77_111920

Lab Sample ID: 240-140875-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.93	J	1.0	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: MW-77S_111920

Lab Sample ID: 240-140875-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.19	J	1.0	0.16	ug/L	1		8260B	Total/NA

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: 240-140875-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 240-140875-1

Date Collected: 11/19/20 00:00

Matrix: Water

Date Received: 11/24/20 09:20

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			12/02/20 14:04	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.16	ug/L			12/02/20 14:04	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			12/02/20 14:04	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/02/20 14:04	1
Trichloroethene	1.0	U	1.0	0.10	ug/L			12/02/20 14:04	1
Vinyl chloride	1.0	U	1.0	0.20	ug/L			12/02/20 14:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		75 - 130		12/02/20 14:04	1
4-Bromofluorobenzene (Surr)	101		47 - 134		12/02/20 14:04	1
Toluene-d8 (Surr)	78		69 - 122		12/02/20 14:04	1
Dibromofluoromethane (Surr)	85		78 - 129		12/02/20 14:04	1

Client Sample Results

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

Job ID: 240-140875-1

Client Sample ID: MW-97S_111920

Lab Sample ID: 240-140875-2

Date Collected: 11/19/20 13:26

Matrix: Water

Date Received: 11/24/20 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			11/27/20 23:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		70 - 133					11/27/20 23:22	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			12/02/20 14:54	1
cis-1,2-Dichloroethene	0.47	J	1.0	0.16	ug/L			12/02/20 14:54	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			12/02/20 14:54	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/02/20 14:54	1
Trichloroethene	1.0	U	1.0	0.10	ug/L			12/02/20 14:54	1
Vinyl chloride	1.0	U	1.0	0.20	ug/L			12/02/20 14:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	83		75 - 130					12/02/20 14:54	1
4-Bromofluorobenzene (Surr)	103		47 - 134					12/02/20 14:54	1
Toluene-d8 (Surr)	81		69 - 122					12/02/20 14:54	1
Dibromofluoromethane (Surr)	85		78 - 129					12/02/20 14:54	1

Client Sample Results

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

Job ID: 240-140875-1

Client Sample ID: MW-77_111920

Lab Sample ID: 240-140875-3

Date Collected: 11/19/20 16:41

Matrix: Water

Date Received: 11/24/20 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			11/30/20 12:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 133					11/30/20 12:37	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			12/02/20 15:19	1
cis-1,2-Dichloroethene	0.93	J	1.0	0.16	ug/L			12/02/20 15:19	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			12/02/20 15:19	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/02/20 15:19	1
Trichloroethene	1.0	U	1.0	0.10	ug/L			12/02/20 15:19	1
Vinyl chloride	1.0	U	1.0	0.20	ug/L			12/02/20 15:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		75 - 130					12/02/20 15:19	1
4-Bromofluorobenzene (Surr)	103		47 - 134					12/02/20 15:19	1
Toluene-d8 (Surr)	79		69 - 122					12/02/20 15:19	1
Dibromofluoromethane (Surr)	86		78 - 129					12/02/20 15:19	1

Client Sample Results

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

Job ID: 240-140875-1

Client Sample ID: MW-77S_111920

Lab Sample ID: 240-140875-4

Date Collected: 11/19/20 15:16

Matrix: Water

Date Received: 11/24/20 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			11/30/20 13:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		70 - 133		11/30/20 13:02	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			12/01/20 22:46	1
cis-1,2-Dichloroethene	0.19	J	1.0	0.16	ug/L			12/01/20 22:46	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			12/01/20 22:46	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/01/20 22:46	1
Trichloroethene	1.0	U	1.0	0.10	ug/L			12/01/20 22:46	1
Vinyl chloride	1.0	U	1.0	0.20	ug/L			12/01/20 22:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		75 - 130		12/01/20 22:46	1
4-Bromofluorobenzene (Surr)	102		47 - 134		12/01/20 22:46	1
Toluene-d8 (Surr)	80		69 - 122		12/01/20 22:46	1
Dibromofluoromethane (Surr)	89		78 - 129		12/01/20 22:46	1

Surrogate Summary

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

Job ID: 240-140875-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (75-130)	BFB (47-134)	TOL (69-122)	DBFM (78-129)
180-113894-B-1 MS	Matrix Spike	81	108	80	87
180-113894-C-1 MSD	Matrix Spike Duplicate	80	105	81	83
240-140875-1	TRIP BLANK	85	101	78	85
240-140875-2	MW-97S_111920	83	103	81	85
240-140875-3	MW-77_111920	86	103	79	86
240-140875-4	MW-77S_111920	81	102	80	89
240-140875-4 MS	MW-77S-MS_111920	82	104	81	85
240-140875-4 MSD	MW-77S-MSD_111920	86	109	83	85
LCS 240-463491/4	Lab Control Sample	82	113	81	86
LCS 240-463635/4	Lab Control Sample	83	111	80	85
MB 240-463491/7	Method Blank	85	102	79	86
MB 240-463635/7	Method Blank	79	103	78	84

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA
		(70-133)
240-140743-A-5 MS	Matrix Spike	100
240-140743-A-5 MSD	Matrix Spike Duplicate	100
240-140875-2	MW-97S_111920	99
240-140875-3	MW-77_111920	98
240-140875-4	MW-77S_111920	99
240-140875-4 MS	MW-77S-MS_111920	99
240-140875-4 MSD	MW-77S-MSD_111920	100
LCS 240-462974/4	Lab Control Sample	96
LCS 240-463229/4	Lab Control Sample	99
MB 240-462974/5	Method Blank	94
MB 240-463229/5	Method Blank	102

Surrogate Legend

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

QC Sample Results

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

Job ID: 240-140875-1

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

Lab Sample ID: MB 240-463491/7
Matrix: Water
Analysis Batch: 463491

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			12/01/20 14:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.16	ug/L			12/01/20 14:50	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			12/01/20 14:50	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/01/20 14:50	1
Trichloroethene	1.0	U	1.0	0.10	ug/L			12/01/20 14:50	1
Vinyl chloride	1.0	U	1.0	0.20	ug/L			12/01/20 14:50	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	85		75 - 130		12/01/20 14:50	1
4-Bromofluorobenzene (Surr)	102		47 - 134		12/01/20 14:50	1
Toluene-d8 (Surr)	79		69 - 122		12/01/20 14:50	1
Dibromofluoromethane (Surr)	86		78 - 129		12/01/20 14:50	1

Lab Sample ID: LCS 240-463491/4
Matrix: Water
Analysis Batch: 463491

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1-Dichloroethene	10.0	10.6		ug/L		106	73 - 129
cis-1,2-Dichloroethene	10.0	9.97		ug/L		100	75 - 124
Tetrachloroethene	10.0	9.66		ug/L		97	70 - 125
trans-1,2-Dichloroethene	10.0	9.24		ug/L		92	74 - 130
Trichloroethene	10.0	9.35		ug/L		93	71 - 121
Vinyl chloride	10.0	10.2		ug/L		102	61 - 134

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	82		75 - 130
4-Bromofluorobenzene (Surr)	113		47 - 134
Toluene-d8 (Surr)	81		69 - 122
Dibromofluoromethane (Surr)	86		78 - 129

Lab Sample ID: 240-140875-4 MS
Matrix: Water
Analysis Batch: 463491

Client Sample ID: MW-77S-MS_111920
Prep Type: Total/NA

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier		Result	Qualifier				
1,1-Dichloroethene	1.0	U	10.0	9.14		ug/L		91	64 - 132
cis-1,2-Dichloroethene	0.19	J	10.0	9.04		ug/L		88	68 - 121
Tetrachloroethene	1.0	U	10.0	7.98		ug/L		80	52 - 129
trans-1,2-Dichloroethene	1.0	U	10.0	8.57		ug/L		86	69 - 126
Trichloroethene	1.0	U	10.0	8.77		ug/L		88	56 - 124
Vinyl chloride	1.0	U	10.0	9.21		ug/L		92	49 - 136

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	82		75 - 130
4-Bromofluorobenzene (Surr)	104		47 - 134
Toluene-d8 (Surr)	81		69 - 122

QC Sample Results

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

Job ID: 240-140875-1

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

Lab Sample ID: 240-140875-4 MS
Matrix: Water
Analysis Batch: 463491

Client Sample ID: MW-77S-MS_111920
Prep Type: Total/NA

<i>Surrogate</i>	<i>%Recovery</i>	<i>MS MS Qualifier</i>	<i>Limits</i>
<i>Dibromofluoromethane (Surr)</i>	85		78 - 129

Lab Sample ID: 240-140875-4 MSD
Matrix: Water
Analysis Batch: 463491

Client Sample ID: MW-77S-MSD_111920
Prep Type: Total/NA

<i>Analyte</i>	<i>Sample Result</i>	<i>Sample Qualifier</i>	<i>Spike Added</i>	<i>MSD MSD</i>		<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i>		<i>RPD</i>	
				<i>Result</i>	<i>Qualifier</i>				<i>Limits</i>	<i>RPD</i>	<i>Limit</i>	
1,1-Dichloroethene	1.0	U	10.0	10.0		ug/L		100	64 - 132	9	35	
cis-1,2-Dichloroethene	0.19	J	10.0	9.80		ug/L		96	68 - 121	8	35	
Tetrachloroethene	1.0	U	10.0	9.40		ug/L		94	52 - 129	16	35	
trans-1,2-Dichloroethene	1.0	U	10.0	9.29		ug/L		93	69 - 126	8	35	
Trichloroethene	1.0	U	10.0	9.45		ug/L		95	56 - 124	7	35	
Vinyl chloride	1.0	U	10.0	9.75		ug/L		97	49 - 136	6	35	

<i>Surrogate</i>	<i>%Recovery</i>	<i>MSD MSD Qualifier</i>	<i>Limits</i>
<i>1,2-Dichloroethane-d4 (Surr)</i>	86		75 - 130
<i>4-Bromofluorobenzene (Surr)</i>	109		47 - 134
<i>Toluene-d8 (Surr)</i>	83		69 - 122
<i>Dibromofluoromethane (Surr)</i>	85		78 - 129

Lab Sample ID: MB 240-463635/7
Matrix: Water
Analysis Batch: 463635

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

<i>Analyte</i>	<i>MB MB</i>		<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>		<i>Dil Fac</i>
	<i>Result</i>	<i>Qualifier</i>								
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/02/20	12:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.16	ug/L			12/02/20	12:50	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			12/02/20	12:50	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/02/20	12:50	1
Trichloroethene	1.0	U	1.0	0.10	ug/L			12/02/20	12:50	1
Vinyl chloride	1.0	U	1.0	0.20	ug/L			12/02/20	12:50	1

<i>Surrogate</i>	<i>%Recovery</i>	<i>MB MB Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,2-Dichloroethane-d4 (Surr)</i>	79		75 - 130		12/02/20 12:50	1
<i>4-Bromofluorobenzene (Surr)</i>	103		47 - 134		12/02/20 12:50	1
<i>Toluene-d8 (Surr)</i>	78		69 - 122		12/02/20 12:50	1
<i>Dibromofluoromethane (Surr)</i>	84		78 - 129		12/02/20 12:50	1

Lab Sample ID: LCS 240-463635/4
Matrix: Water
Analysis Batch: 463635

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

<i>Analyte</i>	<i>Spike Added</i>	<i>LCS LCS</i>		<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i>	
		<i>Result</i>	<i>Qualifier</i>				<i>Limits</i>	
1,1-Dichloroethene	10.0	10.3		ug/L		103	73 - 129	
cis-1,2-Dichloroethene	10.0	9.80		ug/L		98	75 - 124	
Tetrachloroethene	10.0	9.97		ug/L		100	70 - 125	
trans-1,2-Dichloroethene	10.0	9.73		ug/L		97	74 - 130	
Trichloroethene	10.0	10.0		ug/L		100	71 - 121	

Eurofins TestAmerica, Canton

QC Sample Results

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

Job ID: 240-140875-1

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

Lab Sample ID: LCS 240-463635/4
Matrix: Water
Analysis Batch: 463635

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl chloride	10.0	10.4		ug/L		104	61 - 134
Surrogate							
	LCS %Recovery	LCS Qualifier	Limits				
1,2-Dichloroethane-d4 (Surr)	83		75 - 130				
4-Bromofluorobenzene (Surr)	111		47 - 134				
Toluene-d8 (Surr)	80		69 - 122				
Dibromofluoromethane (Surr)	85		78 - 129				

Lab Sample ID: 180-113894-B-1 MS
Matrix: Water
Analysis Batch: 463635

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	10.0	9.82		ug/L		98	64 - 132
Tetrachloroethene	1.0	U	10.0	9.09		ug/L		91	52 - 129
trans-1,2-Dichloroethene	1.0	U	10.0	9.15		ug/L		91	69 - 126
Vinyl chloride	1.0	U	10.0	8.94		ug/L		89	49 - 136
Surrogate									
	MS %Recovery	MS Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	81		75 - 130						
4-Bromofluorobenzene (Surr)	108		47 - 134						
Toluene-d8 (Surr)	80		69 - 122						
Dibromofluoromethane (Surr)	87		78 - 129						

Lab Sample ID: 180-113894-C-1 MSD
Matrix: Water
Analysis Batch: 463635

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	1.0	U	10.0	9.81		ug/L		98	64 - 132	0	35
Tetrachloroethene	1.0	U	10.0	8.85		ug/L		89	52 - 129	3	35
trans-1,2-Dichloroethene	1.0	U	10.0	9.05		ug/L		90	69 - 126	1	35
Vinyl chloride	1.0	U	10.0	9.31		ug/L		93	49 - 136	4	35
Surrogate											
	MSD %Recovery	MSD Qualifier	Limits								
1,2-Dichloroethane-d4 (Surr)	80		75 - 130								
4-Bromofluorobenzene (Surr)	105		47 - 134								
Toluene-d8 (Surr)	81		69 - 122								
Dibromofluoromethane (Surr)	83		78 - 129								

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

Lab Sample ID: MB 240-462974/5
Matrix: Water
Analysis Batch: 462974

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			11/27/20 13:15	1

Eurofins TestAmerica, Canton

QC Sample Results

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

Job ID: 240-140875-1

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

Lab Sample ID: MB 240-462974/5
Matrix: Water
Analysis Batch: 462974

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

Surrogate	%Recovery	MB MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		70 - 133		11/27/20 13:15	1

Lab Sample ID: LCS 240-462974/4
Matrix: Water
Analysis Batch: 462974

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

Analyte	Spike Added	LCS LCS Result Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	10.5	ug/L		105	80 - 135

Surrogate	%Recovery	LCS LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 133

Lab Sample ID: 240-140743-A-5 MS
Matrix: Water
Analysis Batch: 462974

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS Result Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	2.0	U	10.0	10.5	ug/L		105	46 - 170

Surrogate	%Recovery	MS MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 133

Lab Sample ID: 240-140743-A-5 MSD
Matrix: Water
Analysis Batch: 462974

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD Result Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
1,4-Dioxane	2.0	U	10.0	11.2	ug/L		112	46 - 170	7	26

Surrogate	%Recovery	MSD MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 133

Lab Sample ID: MB 240-463229/5
Matrix: Water
Analysis Batch: 463229

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

Analyte	MB MB Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0 U	2.0	0.86	ug/L			11/30/20 10:56	1

Surrogate	%Recovery	MB MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 133		11/30/20 10:56	1

QC Sample Results

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

Job ID: 240-140875-1

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

Lab Sample ID: LCS 240-463229/4
Matrix: Water
Analysis Batch: 463229

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	10.8		ug/L		108	80 - 135
Surrogate							
	%Recovery	LCS Qualifier	LCS Limits				
1,2-Dichloroethane-d4 (Surr)	99		70 - 133				

Lab Sample ID: 240-140875-4 MS
Matrix: Water
Analysis Batch: 463229

Client Sample ID: MW-77S-MS_111920
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	10.7		ug/L		107	46 - 170
Surrogate									
	%Recovery	MS Qualifier	MS Limits						
1,2-Dichloroethane-d4 (Surr)	99		70 - 133						

Lab Sample ID: 240-140875-4 MSD
Matrix: Water
Analysis Batch: 463229

Client Sample ID: MW-77S-MSD_111920
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	10.5		ug/L		105	46 - 170	1	26
Surrogate											
	%Recovery	MSD Qualifier	MSD Limits								
1,2-Dichloroethane-d4 (Surr)	100		70 - 133								

QC Association Summary

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

Job ID: 240-140875-1

GC/MS VOA

Analysis Batch: 462974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-140875-2	MW-97S_111920	Total/NA	Water	8260B SIM	
MB 240-462974/5	Method Blank	Total/NA	Water	8260B SIM	
LCS 240-462974/4	Lab Control Sample	Total/NA	Water	8260B SIM	
240-140743-A-5 MS	Matrix Spike	Total/NA	Water	8260B SIM	
240-140743-A-5 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B SIM	

Analysis Batch: 463229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-140875-3	MW-77_111920	Total/NA	Water	8260B SIM	
240-140875-4	MW-77S_111920	Total/NA	Water	8260B SIM	
MB 240-463229/5	Method Blank	Total/NA	Water	8260B SIM	
LCS 240-463229/4	Lab Control Sample	Total/NA	Water	8260B SIM	
240-140875-4 MS	MW-77S-MS_111920	Total/NA	Water	8260B SIM	
240-140875-4 MSD	MW-77S-MSD_111920	Total/NA	Water	8260B SIM	

Analysis Batch: 463491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-140875-4	MW-77S_111920	Total/NA	Water	8260B	
MB 240-463491/7	Method Blank	Total/NA	Water	8260B	
LCS 240-463491/4	Lab Control Sample	Total/NA	Water	8260B	
240-140875-4 MS	MW-77S-MS_111920	Total/NA	Water	8260B	
240-140875-4 MSD	MW-77S-MSD_111920	Total/NA	Water	8260B	

Analysis Batch: 463635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-140875-1	TRIP BLANK	Total/NA	Water	8260B	
240-140875-2	MW-97S_111920	Total/NA	Water	8260B	
240-140875-3	MW-77_111920	Total/NA	Water	8260B	
MB 240-463635/7	Method Blank	Total/NA	Water	8260B	
LCS 240-463635/4	Lab Control Sample	Total/NA	Water	8260B	
180-113894-B-1 MS	Matrix Spike	Total/NA	Water	8260B	
180-113894-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

Lab Chronicle

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

Job ID: 240-140875-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 240-140875-1

Date Collected: 11/19/20 00:00

Matrix: Water

Date Received: 11/24/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	463635	12/02/20 14:04	LRW	TAL CAN

Client Sample ID: MW-97S_111920

Lab Sample ID: 240-140875-2

Date Collected: 11/19/20 13:26

Matrix: Water

Date Received: 11/24/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	463635	12/02/20 14:54	LRW	TAL CAN
Total/NA	Analysis	8260B SIM		1	462974	11/27/20 23:22	SAM	TAL CAN

Client Sample ID: MW-77_111920

Lab Sample ID: 240-140875-3

Date Collected: 11/19/20 16:41

Matrix: Water

Date Received: 11/24/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	463635	12/02/20 15:19	LRW	TAL CAN
Total/NA	Analysis	8260B SIM		1	463229	11/30/20 12:37	SAM	TAL CAN

Client Sample ID: MW-77S_111920

Lab Sample ID: 240-140875-4

Date Collected: 11/19/20 15:16

Matrix: Water

Date Received: 11/24/20 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	463491	12/01/20 22:46	LRW	TAL CAN
Total/NA	Analysis	8260B SIM		1	463229	11/30/20 13:02	SAM	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: 240-140875-1

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	02-23-21
Connecticut	State	PH-0590	12-31-21
Florida	NELAP	E87225	06-30-21
Georgia	State	4062	02-23-21
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	12-31-20
Minnesota	NELAP	OH00048	12-31-20
Minnesota (Petrofund)	State	3506	08-01-21
New Jersey	NELAP	OH001	06-30-21
New York	NELAP	10975	03-31-21
Ohio VAP	State	CL0024	06-05-21
Oregon	NELAP	4062	02-24-21
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	01-12-21
West Virginia DEP	State	210	12-31-20

1-112-0

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

Regulatory program: NPDES RCRA Other

Client Project Manager: Kris Hinsky

Site Contact: Julia McClafferty

Lab Contact: Mike DeMonico

Telephone: 248-994-2240

Telephone: 330-497-9396

Email: kristoffer.hinsky@arcadis.com

Sampler Name: *Gregory Schuster*

Method of Shipment/Carrier:

Shipping/Tracking No:

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: 30050315.402.04

PO # 30050315.402.04

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: 30050315.402.04

PO # 30050315.402.04

Client Contact

Company Name: Arcadis

Address: 28550 Cabot Drive, Suite 500

City/State/Zip: Novi, MI, 48377

Phone: 248-994-2240

Project Name: Ford LTP Off-Site

Project Number: 30050315.402.04

Sample Identification

Sample Date Sample Time

Matrix

Containers & Preservatives

Filtered Sample (Y/N)

Composite=C / Grab=G

1,1-DCE 8260B

GIS-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:

COC No:

Job/SDG No:

Lab sampling

Walk-in client

For lab use only

1 of COCs

TestAmerica Laboratories, Inc.

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return to Client Disposal By Lab Archive For Months

Possible Hazard Identification

Non-Hazard Flammable

toxic Irritant Poison B Unknown

Special Instructions/QC Requirements & Comments:

Submit all results through Cadena at jtomalia@cadenaco.com. Cadena #E203631

Level IV Reporting requested.

Relinquished by: *Gregory Schuster*

Relinquished by: *Julia McClafferty*

Relinquished by: *Gregory Schuster*

Company: Arcadis

Company: Arcadis

Company: Arcadis

Date/Time: 11/19/20 1730

Date/Time: 11/23/20 1250

Date/Time: 11/23/20 1350

Company: Arcadis

Company: Arcadis

Company: Arcadis

Date/Time: 11/19/20 1731

Date/Time: 11/23/20 1250

Date/Time: 11/24/20 970

Company: Arcadis

Company: Arcadis

Company: Arcadis

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Eurofins TestAmerica Canton Sample Receipt Form/Narrative

Login # : 140874

Canton Facility

Client Areadis Site Name _____
 Cooler Received on 11-24-20 Opened on 11-24-20
 FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other

Cooler unpacked by:

Matt Simpson

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

TestAmerica Cooler # 1A 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 +0.9 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
 IR GUN #IR-12 (CF +0.5 °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
 -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
13. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC907861
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 # _____ 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 # : _____

Eurofins TestAmerica Canton Sample Receipt Multiple Cooler Form				
Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
TA Client Box Other	IR-11 IR-12	1.1	2.0	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12	2.4	3.0	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None

See Temperature Excursion Form

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

