



Environment Testing America



ANALYTICAL REPORT

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Laboratory Job ID: 240-131242-1
Client Project/Site: Ford LTP On-Site

For:
ARCADIS U.S., Inc.
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Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Method Summary	6
Sample Summary	7
Detection Summary	8
Client Sample Results	9
Surrogate Summary	14
QC Sample Results	15
QC Association Summary	18
Lab Chronicle	19
Certification Summary	20
Chain of Custody	21

Definitions/Glossary

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

Job ID: 240-131242-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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.

%	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 On-Site

Job ID: 240-131242-1

Job ID: 240-131242-1

Laboratory: Eurofins TestAmerica, Canton

Narrative

CASE NARRATIVE

Client: ARCADIS U.S., Inc.

Project: Ford LTP On-Site

Report Number: 240-131242-1

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 6/3/2020 9:20 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.1° C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples TRIP BLANK (240-131242-1), MW-40_053020 (240-131242-2), MW-31_053020 (240-131242-3), MW-208S_053020 (240-131242-4) and MW-30_053020 (240-131242-5) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 06/10/2020.

1,1-Dichloroethene failed the recovery criteria high for the MSD of sample MW-31-MSD_053020MSD (240-131242-3) in batch 240-437662. Refer to the QC report for details.

The continuing calibration verification (CCV) for analytical batch 437662 exceeded control criteria for Vinyl Chloride. The samples associated with this CCV were non-detect for the affected analyte. In accordance with the laboratory SOP, a low level CCV at the reporting limit (labeled as an MRL) was analyzed and the affected compound was detected; therefore the data has been reported. No further corrective action was required: TRIP BLANK (240-131242-1), MW-40_053020 (240-131242-2), MW-31_053020 (240-131242-3), MW-208S_053020 (240-131242-4) and MW-30_053020 (240-131242-5).

The continuing calibration verification (CCV) associated with batch 437662 recovered above the upper control limit for 1,1-Dichloroethene. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The associated

Case Narrative

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

Job ID: 240-131242-1

Job ID: 240-131242-1 (Continued)

Laboratory: Eurofins TestAmerica, Canton (Continued)

samples are impacted: TRIP BLANK (240-131242-1), MW-40_053020 (240-131242-2), MW-31_053020 (240-131242-3), MW-208S_053020 (240-131242-4) and MW-30_053020 (240-131242-5).

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-40_053020 (240-131242-2), MW-31_053020 (240-131242-3), MW-208S_053020 (240-131242-4) and MW-30_053020 (240-131242-5) were analyzed for volatile organic compounds (GCMS SIM) in accordance with EPA SW-846 Method 8260B SIM. The samples were analyzed on 06/11/2020.

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 On-Site

Job ID: 240-131242-1

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 On-Site

Job ID: 240-131242-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-131242-1	TRIP BLANK	Water	05/30/20 00:00	06/03/20 09:20	
240-131242-2	MW-40_053020	Water	05/30/20 09:37	06/03/20 09:20	
240-131242-3	MW-31_053020	Water	05/30/20 10:40	06/03/20 09:20	
240-131242-4	MW-208S_053020	Water	05/30/20 12:30	06/03/20 09:20	
240-131242-5	MW-30_053020	Water	05/30/20 14:00	06/03/20 09:20	

Eurofins TestAmerica, Canton

Detection Summary

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

Job ID: 240-131242-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 240-131242-1

No Detections.

Client Sample ID: MW-40_053020

Lab Sample ID: 240-131242-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.6		1.0	0.16	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.36	J	1.0	0.19	ug/L	1		8260B	Total/NA
Vinyl chloride	0.31	J	1.0	0.20	ug/L	1		8260B	Total/NA

Client Sample ID: MW-31_053020

Lab Sample ID: 240-131242-3

No Detections.

Client Sample ID: MW-208S_053020

Lab Sample ID: 240-131242-4

No Detections.

Client Sample ID: MW-30_053020

Lab Sample ID: 240-131242-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	11		2.0	0.86	ug/L	1		8260B SIM	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 On-Site

Job ID: 240-131242-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 240-131242-1

Matrix: Water

Date Collected: 05/30/20 00:00
Date Received: 06/03/20 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			06/10/20 10:23	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.16	ug/L			06/10/20 10:23	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			06/10/20 10:23	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/10/20 10:23	1
Trichloroethene	1.0	U	1.0	0.10	ug/L			06/10/20 10:23	1
Vinyl chloride	1.0	U	1.0	0.20	ug/L			06/10/20 10:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		75 - 130					06/10/20 10:23	1
4-Bromofluorobenzene (Surr)	72		47 - 134					06/10/20 10:23	1
Toluene-d8 (Surr)	90		69 - 122					06/10/20 10:23	1
Dibromofluoromethane (Surr)	104		78 - 129					06/10/20 10:23	1

Client Sample Results

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

Job ID: 240-131242-1

Client Sample ID: MW-40_053020

Lab Sample ID: 240-131242-2

Matrix: Water

Date Collected: 05/30/20 09:37
Date Received: 06/03/20 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			06/11/20 10:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		70 - 133					06/11/20 10:27	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			06/10/20 10:45	1
cis-1,2-Dichloroethene	2.6		1.0	0.16	ug/L			06/10/20 10:45	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			06/10/20 10:45	1
trans-1,2-Dichloroethene	0.36 J		1.0	0.19	ug/L			06/10/20 10:45	1
Trichloroethene	1.0	U	1.0	0.10	ug/L			06/10/20 10:45	1
Vinyl chloride	0.31 J		1.0	0.20	ug/L			06/10/20 10:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 130					06/10/20 10:45	1
4-Bromofluorobenzene (Surr)	69		47 - 134					06/10/20 10:45	1
Toluene-d8 (Surr)	90		69 - 122					06/10/20 10:45	1
Dibromofluoromethane (Surr)	102		78 - 129					06/10/20 10:45	1

Client Sample Results

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

Job ID: 240-131242-1

Client Sample ID: MW-31_053020

Lab Sample ID: 240-131242-3

Matrix: Water

Date Collected: 05/30/20 10:40
Date Received: 06/03/20 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			06/11/20 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		70 - 133					06/11/20 10:53	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 F1	1.0	0.19	ug/L			06/10/20 11:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.16	ug/L			06/10/20 11:07	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			06/10/20 11:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/10/20 11:07	1
Trichloroethene	1.0	U	1.0	0.10	ug/L			06/10/20 11:07	1
Vinyl chloride	1.0	U	1.0	0.20	ug/L			06/10/20 11:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		75 - 130					06/10/20 11:07	1
4-Bromofluorobenzene (Surr)	68		47 - 134					06/10/20 11:07	1
Toluene-d8 (Surr)	88		69 - 122					06/10/20 11:07	1
Dibromofluoromethane (Surr)	105		78 - 129					06/10/20 11:07	1

Client Sample Results

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

Job ID: 240-131242-1

Client Sample ID: MW-208S_053020

Lab Sample ID: 240-131242-4

Matrix: Water

Date Collected: 05/30/20 12:30

Date Received: 06/03/20 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			06/11/20 12:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		70 - 133					06/11/20 12:08	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			06/10/20 12:13	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.16	ug/L			06/10/20 12:13	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			06/10/20 12:13	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/10/20 12:13	1
Trichloroethene	1.0	U	1.0	0.10	ug/L			06/10/20 12:13	1
Vinyl chloride	1.0	U	1.0	0.20	ug/L			06/10/20 12:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 130					06/10/20 12:13	1
4-Bromofluorobenzene (Surr)	71		47 - 134					06/10/20 12:13	1
Toluene-d8 (Surr)	92		69 - 122					06/10/20 12:13	1
Dibromofluoromethane (Surr)	105		78 - 129					06/10/20 12:13	1

Client Sample Results

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

Job ID: 240-131242-1

Client Sample ID: MW-30_053020

Lab Sample ID: 240-131242-5

Matrix: Water

Date Collected: 05/30/20 14:00
Date Received: 06/03/20 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	11		2.0	0.86	ug/L			06/11/20 12:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		70 - 133					06/11/20 12:33	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			06/10/20 12:35	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.16	ug/L			06/10/20 12:35	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			06/10/20 12:35	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/10/20 12:35	1
Trichloroethene	1.0	U	1.0	0.10	ug/L			06/10/20 12:35	1
Vinyl chloride	1.0	U	1.0	0.20	ug/L			06/10/20 12:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 130					06/10/20 12:35	1
4-Bromofluorobenzene (Surr)	67		47 - 134					06/10/20 12:35	1
Toluene-d8 (Surr)	89		69 - 122					06/10/20 12:35	1
Dibromofluoromethane (Surr)	105		78 - 129					06/10/20 12:35	1

Surrogate Summary

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

Job ID: 240-131242-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA (75-130)	BFB (47-134)	TOL (69-122)	DBFM (78-129)						
240-131242-1	TRIP BLANK	99	72	90	104						
240-131242-2	MW-40_053020	98	69	90	102						
240-131242-3	MW-31_053020	99	68	88	105						
240-131242-3 MS	MW-31-MS_053020	88	91	98	99						
240-131242-3 MSD	MW-31-MSD_053020	86	93	98	96						
240-131242-4	MW-208S_053020	98	71	92	105						
240-131242-5	MW-30_053020	98	67	89	105						
LCS 240-437662/4	Lab Control Sample	84	93	96	97						
MB 240-437662/7	Method Blank	95	74	91	101						

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)									
240-131242-2	MW-40_053020	101									
240-131242-3	MW-31_053020	107									
240-131242-3 MS	MW-31-MS_053020	99									
240-131242-3 MSD	MW-31-MSD_053020	108									
240-131242-4	MW-208S_053020	100									
240-131242-5	MW-30_053020	103									
LCS 240-437824/4	Lab Control Sample	103									
MB 240-437824/5	Method Blank	99									

Surrogate Legend

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

QC Sample Results

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

Job ID: 240-131242-1

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

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surrogate)	99		70 - 133

Lab Sample ID: 240-131242-3 MSD

Matrix: Water

Analysis Batch: 437824

Client Sample ID: MW-31-MSD_053020
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec.	RPD	RPD	Limit
1,4-Dioxane	2.0	U	10.0	9.97		ug/L	100	46 - 170	1		26

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surrogate)	108		70 - 133

QC Association Summary

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

Job ID: 240-131242-1

GC/MS VOA

Analysis Batch: 437662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-131242-1	TRIP BLANK	Total/NA	Water	8260B	1
240-131242-2	MW-40_053020	Total/NA	Water	8260B	2
240-131242-3	MW-31_053020	Total/NA	Water	8260B	3
240-131242-4	MW-208S_053020	Total/NA	Water	8260B	4
240-131242-5	MW-30_053020	Total/NA	Water	8260B	5
MB 240-437662/7	Method Blank	Total/NA	Water	8260B	6
LCS 240-437662/4	Lab Control Sample	Total/NA	Water	8260B	7
240-131242-3 MS	MW-31-MS_053020	Total/NA	Water	8260B	8
240-131242-3 MSD	MW-31-MSD_053020	Total/NA	Water	8260B	9

Analysis Batch: 437824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-131242-2	MW-40_053020	Total/NA	Water	8260B SIM	10
240-131242-3	MW-31_053020	Total/NA	Water	8260B SIM	11
240-131242-4	MW-208S_053020	Total/NA	Water	8260B SIM	12
240-131242-5	MW-30_053020	Total/NA	Water	8260B SIM	13
MB 240-437824/5	Method Blank	Total/NA	Water	8260B SIM	14
LCS 240-437824/4	Lab Control Sample	Total/NA	Water	8260B SIM	
240-131242-3 MS	MW-31-MS_053020	Total/NA	Water	8260B SIM	
240-131242-3 MSD	MW-31-MSD_053020	Total/NA	Water	8260B SIM	

Accreditation/Certification Summary

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

Job ID: 240-131242-1

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	06-30-20
Georgia	State	4062	02-23-21
Illinois	NELAP	004498	07-31-20
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	06-30-20
New York	NELAP	10975	03-31-21
Ohio VAP	State	CL0024	06-05-21
Oregon	NELAP	4062	02-24-21
Pennsylvania	NELAP	68-00340	08-31-20
Texas	NELAP	T104704517-18-10	08-31-20
USDA	US Federal Programs	P330-18-00281	09-17-21
Virginia	NELAP	010101	09-14-20
Washington	State	C971	01-12-21
West Virginia DEP	State	210	12-31-20

Eurofins TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 131247

Client <u>Arcadis</u>	Site Name <u>6-320</u>	Cooler unpacked by: <u>Adam Jones</u>			
Cooler Received on <u>6-3-20</u>	Opened on <u>6-3-20</u>				
FedEx: 1 st Grd <u>Exp</u>	UPS <u>FAS</u>	Clipper	Client Drop Off	TestAmerica Courier	Other
Receipt After-hours: Drop-off Date/Time			Storage Location		
TestAmerica Cooler # <u>74</u>	Foam Box	Client Cooler	Box	Other	
Packing material used:	Bubble Wrap	Foam	Plastic Bag	None	Other
COOLANT:	<u>Wet Ice</u>	Blue Ice	Dry Ice	Water	None
1. Cooler temperature upon receipt <input type="checkbox"/> See Multiple Cooler Form					
IR GUN# IR-10 (CF +0.7 °C)	Observed Cooler Temp. <u>14</u> °C		Corrected Cooler Temp. <u>21</u> °C		
IR GUN #IR-11 (CF +0.9°C)	Observed Cooler Temp. _____ °C		Corrected Cooler Temp. _____ °C		
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity <u>1</u> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
-Were the seals on the outside of the cooler(s) signed & dated? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No NA					
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
-Were tamper/custody seals intact and uncompromised? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No NA					
3. Shippers' packing slip attached to the cooler(s)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
4. Did custody papers accompany the sample(s)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
5. Were the custody papers relinquished & signed in the appropriate place? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
6. Was/were the person(s) who collected the samples clearly identified on the COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
7. Did all bottles arrive in good condition (Unbroken)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
8. Could all bottle labels be reconciled with the COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
9. Were correct bottle(s) used for the test(s) indicated? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
10. Sufficient quantity received to perform indicated analyses? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
11. Are these work share samples? If yes, Questions 12-16 have been checked at the originating laboratory.					
12. Were all preserved sample(s) at the correct pH upon receipt? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No NA pH Strip Lot# <u>HC902937</u>					
13. Were VOAs on the COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
14. Were air bubbles >6 mm in any VOA vials? <input checked="" type="checkbox"/> Larger than this. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No NA					
15. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # <u>04177016</u> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
16. Was a LL Hg or Me Hg trip blank present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____					
Concerning _____					

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

17. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: AG

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: _____