

## ANALYTICAL REPORT

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

Laboratory Job ID: 240-134804-1  
Client Project/Site: Ford LTP On-Site

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

Attn: Kristoffer Hinskey



Authorized for release by:  
8/25/2020 4:51:37 PM  
Opal Johnson, Project Manager II  
(330)966-9279

[Opal.Johnson@Eurofinset.com](mailto:Opal.Johnson@Eurofinset.com)

Designee for  
Michael DelMonico, Project Manager I  
(330)497-9396  
[Michael.DelMonico@Eurofinset.com](mailto:Michael.DelMonico@Eurofinset.com)

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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 On-Site

Job ID: 240-134804-1

### 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.
X	Surrogate recovery exceeds 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
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: 240-134804-1

**Job ID: 240-134804-1**

**Laboratory: Eurofins TestAmerica, Canton**

## Narrative

### CASE NARRATIVE

**Client: ARCADIS U.S., Inc.**

**Project: Ford LTP On-Site**

**Report Number: 240-134804-1**

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.

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

### RECEIPT

The samples were received on 8/12/2020 9:30 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.3° C.

### VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples TRIP BLANK (240-134804-1), MW-68\_081020 (240-134804-2), MW-47\_081020 (240-134804-3), MW-46\_081020 (240-134804-4), DUP-04 (240-134804-5) and MW-70\_081020 (240-134804-6) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 08/20/2020 and 08/21/2020.

Samples MW-47\_081020 (240-134804-3)[4X], DUP-04 (240-134804-5)[10X] and MW-70\_081020 (240-134804-6)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

There was an MS/MSD analyzed in batch 240-448213 but could not be reported because the associated sample needed reanalyzed in a different batch: MW-47\_081020 (240-134804-3).

1,2-Dichloroethane-d4 (Surr) failed the surrogate recovery criteria low for 240-134803-D-4 MS. 1,2-Dichloroethane-d4 (Surr) failed the surrogate recovery criteria low for 240-134803-D-4 MSD.

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

## Case Narrative

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

Job ID: 240-134804-1

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### Job ID: 240-134804-1 (Continued)

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#### Laboratory: Eurofins TestAmerica, Canton (Continued)

##### VOLATILE ORGANIC COMPOUNDS (GCMS SIM)

Samples MW-68\_081020 (240-134804-2), MW-47\_081020 (240-134804-3), MW-46\_081020 (240-134804-4), DUP-04 (240-134804-5) and MW-70\_081020 (240-134804-6) were analyzed for volatile organic compounds (GCMS SIM) in accordance with EPA SW-846 Method 8260B SIM. The samples were analyzed on 08/19/2020.

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: 240-134804-1

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: 240-134804-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-134804-1	TRIP BLANK	Water	08/10/20 00:00	08/12/20 09:30	
240-134804-2	MW-68_081020	Water	08/10/20 16:55	08/12/20 09:30	
240-134804-3	MW-47_081020	Water	08/10/20 15:15	08/12/20 09:30	
240-134804-4	MW-46_081020	Water	08/10/20 13:20	08/12/20 09:30	
240-134804-5	DUP-04	Water	08/10/20 00:00	08/12/20 09:30	
240-134804-6	MW-70_081020	Water	08/10/20 10:55	08/12/20 09:30	

# Detection Summary

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

Job ID: 240-134804-1

## Client Sample ID: TRIP BLANK

Lab Sample ID: 240-134804-1

No Detections.

## Client Sample ID: MW-68\_081020

Lab Sample ID: 240-134804-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	38		1.0	0.38	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	4.9		1.0	0.43	ug/L	1		8260B	Total/NA
Vinyl chloride	5.0		1.0	0.50	ug/L	1		8260B	Total/NA

## Client Sample ID: MW-47\_081020

Lab Sample ID: 240-134804-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.91	J	2.0	0.86	ug/L	1		8260B SIM	Total/NA
cis-1,2-Dichloroethene	14		4.0	1.5	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	3.4	J	4.0	1.7	ug/L	4		8260B	Total/NA
Vinyl chloride	100		4.0	2.0	ug/L	4		8260B	Total/NA

## Client Sample ID: MW-46\_081020

Lab Sample ID: 240-134804-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	4.1		2.0	0.86	ug/L	1		8260B SIM	Total/NA
cis-1,2-Dichloroethene	6.8		1.0	0.38	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.64	J	1.0	0.43	ug/L	1		8260B	Total/NA
Vinyl chloride	40		1.0	0.50	ug/L	1		8260B	Total/NA

## Client Sample ID: DUP-04

Lab Sample ID: 240-134804-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	3.2		2.0	0.86	ug/L	1		8260B SIM	Total/NA
cis-1,2-Dichloroethene	240		10	3.8	ug/L	10		8260B	Total/NA
Vinyl chloride	370		10	5.0	ug/L	10		8260B	Total/NA

## Client Sample ID: MW-70\_081020

Lab Sample ID: 240-134804-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	2.8		2.0	0.86	ug/L	1		8260B SIM	Total/NA
cis-1,2-Dichloroethene	240		10	3.8	ug/L	10		8260B	Total/NA
Vinyl chloride	330		10	5.0	ug/L	10		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 On-Site

Job ID: 240-134804-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 240-134804-1**

**Date Collected: 08/10/20 00:00**

**Matrix: Water**

**Date Received: 08/12/20 09:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/20/20 17:28	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.38	ug/L			08/20/20 17:28	1
Tetrachloroethene	1.0	U	1.0	0.33	ug/L			08/20/20 17:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.43	ug/L			08/20/20 17:28	1
Trichloroethene	1.0	U	1.0	0.36	ug/L			08/20/20 17:28	1
Vinyl chloride	1.0	U	1.0	0.50	ug/L			08/20/20 17:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		75 - 130		08/20/20 17:28	1
4-Bromofluorobenzene (Surr)	71		47 - 134		08/20/20 17:28	1
Toluene-d8 (Surr)	99		69 - 122		08/20/20 17:28	1
Dibromofluoromethane (Surr)	118		78 - 129		08/20/20 17:28	1

# Client Sample Results

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

Job ID: 240-134804-1

Client Sample ID: MW-68\_081020

Lab Sample ID: 240-134804-2

Date Collected: 08/10/20 16:55

Matrix: Water

Date Received: 08/12/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			08/19/20 08:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		70 - 133					08/19/20 08:39	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	0.46	ug/L			08/20/20 17:52	1
cis-1,2-Dichloroethene	38		1.0	0.38	ug/L			08/20/20 17:52	1
Tetrachloroethene	1.0	U	1.0	0.33	ug/L			08/20/20 17:52	1
trans-1,2-Dichloroethene	4.9		1.0	0.43	ug/L			08/20/20 17:52	1
Trichloroethene	1.0	U	1.0	0.36	ug/L			08/20/20 17:52	1
Vinyl chloride	5.0		1.0	0.50	ug/L			08/20/20 17:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	80		75 - 130					08/20/20 17:52	1
4-Bromofluorobenzene (Surr)	64		47 - 134					08/20/20 17:52	1
Toluene-d8 (Surr)	86		69 - 122					08/20/20 17:52	1
Dibromofluoromethane (Surr)	107		78 - 129					08/20/20 17:52	1

# Client Sample Results

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

Job ID: 240-134804-1

Client Sample ID: MW-47\_081020

Lab Sample ID: 240-134804-3

Date Collected: 08/10/20 15:15

Matrix: Water

Date Received: 08/12/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.91	J	2.0	0.86	ug/L			08/19/20 09:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		70 - 133					08/19/20 09:04	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	1.8	ug/L			08/21/20 16:16	4
cis-1,2-Dichloroethene	14		4.0	1.5	ug/L			08/21/20 16:16	4
Tetrachloroethene	4.0	U	4.0	1.3	ug/L			08/21/20 16:16	4
trans-1,2-Dichloroethene	3.4	J	4.0	1.7	ug/L			08/21/20 16:16	4
Trichloroethene	4.0	U	4.0	1.4	ug/L			08/21/20 16:16	4
Vinyl chloride	100		4.0	2.0	ug/L			08/21/20 16:16	4
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		75 - 130					08/21/20 16:16	4
4-Bromofluorobenzene (Surr)	80		47 - 134					08/21/20 16:16	4
Toluene-d8 (Surr)	97		69 - 122					08/21/20 16:16	4
Dibromofluoromethane (Surr)	116		78 - 129					08/21/20 16:16	4

# Client Sample Results

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

Job ID: 240-134804-1

Client Sample ID: MW-46\_081020

Lab Sample ID: 240-134804-4

Date Collected: 08/10/20 13:20

Matrix: Water

Date Received: 08/12/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	4.1		2.0	0.86	ug/L			08/19/20 09:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		70 - 133					08/19/20 09:29	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	0.46	ug/L			08/20/20 18:59	1
cis-1,2-Dichloroethene	6.8		1.0	0.38	ug/L			08/20/20 18:59	1
Tetrachloroethene	1.0	U	1.0	0.33	ug/L			08/20/20 18:59	1
trans-1,2-Dichloroethene	0.64	J	1.0	0.43	ug/L			08/20/20 18:59	1
Trichloroethene	1.0	U	1.0	0.36	ug/L			08/20/20 18:59	1
Vinyl chloride	40		1.0	0.50	ug/L			08/20/20 18:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		75 - 130					08/20/20 18:59	1
4-Bromofluorobenzene (Surr)	69		47 - 134					08/20/20 18:59	1
Toluene-d8 (Surr)	93		69 - 122					08/20/20 18:59	1
Dibromofluoromethane (Surr)	122		78 - 129					08/20/20 18:59	1

# Client Sample Results

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

Job ID: 240-134804-1

Client Sample ID: DUP-04

Lab Sample ID: 240-134804-5

Date Collected: 08/10/20 00:00

Matrix: Water

Date Received: 08/12/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	3.2		2.0	0.86	ug/L			08/19/20 09:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		70 - 133					08/19/20 09:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	10	U	10	4.6	ug/L			08/20/20 19:23	10
cis-1,2-Dichloroethene	240		10	3.8	ug/L			08/20/20 19:23	10
Tetrachloroethene	10	U	10	3.3	ug/L			08/20/20 19:23	10
trans-1,2-Dichloroethene	10	U	10	4.3	ug/L			08/20/20 19:23	10
Trichloroethene	10	U	10	3.6	ug/L			08/20/20 19:23	10
Vinyl chloride	370		10	5.0	ug/L			08/20/20 19:23	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		75 - 130					08/20/20 19:23	10
4-Bromofluorobenzene (Surr)	72		47 - 134					08/20/20 19:23	10
Toluene-d8 (Surr)	94		69 - 122					08/20/20 19:23	10
Dibromofluoromethane (Surr)	121		78 - 129					08/20/20 19:23	10

# Client Sample Results

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

Job ID: 240-134804-1

Client Sample ID: MW-70\_081020

Lab Sample ID: 240-134804-6

Date Collected: 08/10/20 10:55

Matrix: Water

Date Received: 08/12/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.8		2.0	0.86	ug/L			08/19/20 10:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		70 - 133					08/19/20 10:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	10	U	10	4.6	ug/L			08/20/20 19:47	10
cis-1,2-Dichloroethene	240		10	3.8	ug/L			08/20/20 19:47	10
Tetrachloroethene	10	U	10	3.3	ug/L			08/20/20 19:47	10
trans-1,2-Dichloroethene	10	U	10	4.3	ug/L			08/20/20 19:47	10
Trichloroethene	10	U	10	3.6	ug/L			08/20/20 19:47	10
Vinyl chloride	330		10	5.0	ug/L			08/20/20 19:47	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		75 - 130					08/20/20 19:47	10
4-Bromofluorobenzene (Surr)	77		47 - 134					08/20/20 19:47	10
Toluene-d8 (Surr)	98		69 - 122					08/20/20 19:47	10
Dibromofluoromethane (Surr)	128		78 - 129					08/20/20 19:47	10

# Surrogate Summary

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

Job ID: 240-134804-1

## 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)
240-134803-D-4 MS	Matrix Spike	70 X	90	105	96
240-134803-D-4 MSD	Matrix Spike Duplicate	73 X	92	109	103
240-134804-1	TRIP BLANK	86	71	99	118
240-134804-2	MW-68_081020	80	64	86	107
240-134804-3	MW-47_081020	97	80	97	116
240-134804-4	MW-46_081020	90	69	93	122
240-134804-5	DUP-04	87	72	94	121
240-134804-6	MW-70_081020	97	77	98	128
LCS 240-448014/4	Lab Control Sample	86	98	106	107
LCS 240-448213/4	Lab Control Sample	82	98	105	104
MB 240-448014/7	Method Blank	87	72	86	103
MB 240-448213/7	Method Blank	89	71	86	108

#### 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)
240-134804-2	MW-68_081020	89
240-134804-3	MW-47_081020	87
240-134804-4	MW-46_081020	88
240-134804-5	DUP-04	88
240-134804-6	MW-70_081020	89
240-134914-A-2 MS	Matrix Spike	87
240-134914-A-2 MSD	Matrix Spike Duplicate	89
LCS 240-447721/4	Lab Control Sample	83
MB 240-447721/5	Method Blank	86

#### Surrogate Legend

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

# QC Sample Results

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

Job ID: 240-134804-1

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

Lab Sample ID: MB 240-448014/7

Matrix: Water

Analysis Batch: 448014

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	0.46	ug/L			08/20/20 15:04	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.38	ug/L			08/20/20 15:04	1
Tetrachloroethene	1.0	U	1.0	0.33	ug/L			08/20/20 15:04	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.43	ug/L			08/20/20 15:04	1
Trichloroethene	1.0	U	1.0	0.36	ug/L			08/20/20 15:04	1
Vinyl chloride	1.0	U	1.0	0.50	ug/L			08/20/20 15:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		75 - 130		08/20/20 15:04	1
4-Bromofluorobenzene (Surr)	72		47 - 134		08/20/20 15:04	1
Toluene-d8 (Surr)	86		69 - 122		08/20/20 15:04	1
Dibromofluoromethane (Surr)	103		78 - 129		08/20/20 15:04	1

Lab Sample ID: LCS 240-448014/4

Matrix: Water

Analysis Batch: 448014

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	10.0	9.50		ug/L		95	73 - 129
cis-1,2-Dichloroethene	10.0	9.74		ug/L		97	75 - 124
Tetrachloroethene	10.0	11.7		ug/L		117	70 - 125
trans-1,2-Dichloroethene	10.0	10.2		ug/L		102	74 - 130
Trichloroethene	10.0	10.0		ug/L		100	71 - 121
Vinyl chloride	10.0	7.79		ug/L		78	61 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	86		75 - 130
4-Bromofluorobenzene (Surr)	98		47 - 134
Toluene-d8 (Surr)	106		69 - 122
Dibromofluoromethane (Surr)	107		78 - 129

Lab Sample ID: 240-134803-D-4 MS

Matrix: Water

Analysis Batch: 448014

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	1000	U	10000	8930		ug/L		89	64 - 132
cis-1,2-Dichloroethene	12000		10000	20500		ug/L		82	68 - 121
Tetrachloroethene	1000	U	10000	11600		ug/L		116	52 - 129
trans-1,2-Dichloroethene	1000	U	10000	9950		ug/L		100	69 - 126
Trichloroethene	19000		10000	26100		ug/L		72	56 - 124
Vinyl chloride	910	J	10000	7240		ug/L		63	49 - 136

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	70	X	75 - 130
4-Bromofluorobenzene (Surr)	90		47 - 134
Toluene-d8 (Surr)	105		69 - 122

Eurofins TestAmerica, Canton



# QC Sample Results

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

Job ID: 240-134804-1

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

Lab Sample ID: 240-134803-D-4 MS

Matrix: Water

Analysis Batch: 448014

Client Sample ID: Matrix Spike

Prep Type: Total/NA

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Dibromofluoromethane (Surr)	96		78 - 129

Lab Sample ID: 240-134803-D-4 MSD

Matrix: Water

Analysis Batch: 448014

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	1000	U	10000	9370		ug/L		94	64 - 132	5	35
cis-1,2-Dichloroethene	12000		10000	20900		ug/L		86	68 - 121	2	35
Tetrachloroethene	1000	U	10000	11400		ug/L		114	52 - 129	2	35
trans-1,2-Dichloroethene	1000	U	10000	10300		ug/L		103	69 - 126	3	35
Trichloroethene	19000		10000	26200		ug/L		72	56 - 124	0	35
Vinyl chloride	910	J	10000	8170		ug/L		73	49 - 136	12	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	73	X	75 - 130
4-Bromofluorobenzene (Surr)	92		47 - 134
Toluene-d8 (Surr)	109		69 - 122
Dibromofluoromethane (Surr)	103		78 - 129

Lab Sample ID: MB 240-448213/7

Matrix: Water

Analysis Batch: 448213

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	0.46	ug/L			08/21/20 14:58	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.38	ug/L			08/21/20 14:58	1
Tetrachloroethene	1.0	U	1.0	0.33	ug/L			08/21/20 14:58	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.43	ug/L			08/21/20 14:58	1
Trichloroethene	1.0	U	1.0	0.36	ug/L			08/21/20 14:58	1
Vinyl chloride	1.0	U	1.0	0.50	ug/L			08/21/20 14:58	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1,2-Dichloroethane-d4 (Surr)	89		75 - 130		08/21/20 14:58	1			
4-Bromofluorobenzene (Surr)	71		47 - 134		08/21/20 14:58	1			
Toluene-d8 (Surr)	86		69 - 122		08/21/20 14:58	1			
Dibromofluoromethane (Surr)	108		78 - 129		08/21/20 14:58	1			

Lab Sample ID: LCS 240-448213/4

Matrix: Water

Analysis Batch: 448213

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	10.0	10.1		ug/L		101	73 - 129
cis-1,2-Dichloroethene	10.0	9.80		ug/L		98	75 - 124
Tetrachloroethene	10.0	11.6		ug/L		116	70 - 125
trans-1,2-Dichloroethene	10.0	10.9		ug/L		109	74 - 130
Trichloroethene	10.0	10.2		ug/L		102	71 - 121

Eurofins TestAmerica, Canton

# QC Sample Results

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

Job ID: 240-134804-1

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

Lab Sample ID: LCS 240-448213/4

Matrix: Water

Analysis Batch: 448213

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	7.66		ug/L		77	61 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	82		75 - 130
4-Bromofluorobenzene (Surr)	98		47 - 134
Toluene-d8 (Surr)	105		69 - 122
Dibromofluoromethane (Surr)	104		78 - 129

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

Lab Sample ID: MB 240-447721/5

Matrix: Water

Analysis Batch: 447721

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			08/19/20 04:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		70 - 133		08/19/20 04:08	1

Lab Sample ID: LCS 240-447721/4

Matrix: Water

Analysis Batch: 447721

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	9.62		ug/L		96	80 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	83		70 - 133

Lab Sample ID: 240-134914-A-2 MS

Matrix: Water

Analysis Batch: 447721

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	1.5	J	10.0	10.8		ug/L		92	46 - 170

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 133

Lab Sample ID: 240-134914-A-2 MSD

Matrix: Water

Analysis Batch: 447721

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.5	J	10.0	10.2		ug/L		86	46 - 170	6	26

Eurofins TestAmerica, Canton

# QC Sample Results

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

Job ID: 240-134804-1

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

Lab Sample ID: 240-134914-A-2 MSD

Matrix: Water

Analysis Batch: 447721

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

	<i>MSD</i>	<i>MSD</i>	
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>
1,2-Dichloroethane-d4 (Surr)	89		70 - 133

# QC Association Summary

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

Job ID: 240-134804-1

## GC/MS VOA

### Analysis Batch: 447721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-134804-2	MW-68_081020	Total/NA	Water	8260B SIM	
240-134804-3	MW-47_081020	Total/NA	Water	8260B SIM	
240-134804-4	MW-46_081020	Total/NA	Water	8260B SIM	
240-134804-5	DUP-04	Total/NA	Water	8260B SIM	
240-134804-6	MW-70_081020	Total/NA	Water	8260B SIM	
MB 240-447721/5	Method Blank	Total/NA	Water	8260B SIM	
LCS 240-447721/4	Lab Control Sample	Total/NA	Water	8260B SIM	
240-134914-A-2 MS	Matrix Spike	Total/NA	Water	8260B SIM	
240-134914-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B SIM	

### Analysis Batch: 448014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-134804-1	TRIP BLANK	Total/NA	Water	8260B	
240-134804-2	MW-68_081020	Total/NA	Water	8260B	
240-134804-4	MW-46_081020	Total/NA	Water	8260B	
240-134804-5	DUP-04	Total/NA	Water	8260B	
240-134804-6	MW-70_081020	Total/NA	Water	8260B	
MB 240-448014/7	Method Blank	Total/NA	Water	8260B	
LCS 240-448014/4	Lab Control Sample	Total/NA	Water	8260B	
240-134803-D-4 MS	Matrix Spike	Total/NA	Water	8260B	
240-134803-D-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

### Analysis Batch: 448213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-134804-3	MW-47_081020	Total/NA	Water	8260B	
MB 240-448213/7	Method Blank	Total/NA	Water	8260B	
LCS 240-448213/4	Lab Control Sample	Total/NA	Water	8260B	

# Lab Chronicle

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

Job ID: 240-134804-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 240-134804-1**

**Date Collected: 08/10/20 00:00**

**Matrix: Water**

**Date Received: 08/12/20 09:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	448014	08/20/20 17:28	LRW	TAL CAN

**Client Sample ID: MW-68\_081020**

**Lab Sample ID: 240-134804-2**

**Date Collected: 08/10/20 16:55**

**Matrix: Water**

**Date Received: 08/12/20 09:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	448014	08/20/20 17:52	LRW	TAL CAN
Total/NA	Analysis	8260B SIM		1	447721	08/19/20 08:39	SAM	TAL CAN

**Client Sample ID: MW-47\_081020**

**Lab Sample ID: 240-134804-3**

**Date Collected: 08/10/20 15:15**

**Matrix: Water**

**Date Received: 08/12/20 09:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	448213	08/21/20 16:16	LRW	TAL CAN
Total/NA	Analysis	8260B SIM		1	447721	08/19/20 09:04	SAM	TAL CAN

**Client Sample ID: MW-46\_081020**

**Lab Sample ID: 240-134804-4**

**Date Collected: 08/10/20 13:20**

**Matrix: Water**

**Date Received: 08/12/20 09:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	448014	08/20/20 18:59	LRW	TAL CAN
Total/NA	Analysis	8260B SIM		1	447721	08/19/20 09:29	SAM	TAL CAN

**Client Sample ID: DUP-04**

**Lab Sample ID: 240-134804-5**

**Date Collected: 08/10/20 00:00**

**Matrix: Water**

**Date Received: 08/12/20 09:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	448014	08/20/20 19:23	LRW	TAL CAN
Total/NA	Analysis	8260B SIM		1	447721	08/19/20 09:54	SAM	TAL CAN

**Client Sample ID: MW-70\_081020**

**Lab Sample ID: 240-134804-6**

**Date Collected: 08/10/20 10:55**

**Matrix: Water**

**Date Received: 08/12/20 09:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	448014	08/20/20 19:47	LRW	TAL CAN
Total/NA	Analysis	8260B SIM		1	447721	08/19/20 10:18	SAM	TAL CAN

## Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Eurofins TestAmerica, Canton

# Accreditation/Certification Summary

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

Job ID: 240-134804-1

## 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	07-31-20 *
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	06-30-21
New York	NELAP	10975	03-31-21
Ohio VAP	State	CL0024	06-05-21
Oregon	NELAP	4062	02-24-21
Pennsylvania	NELAP	68-00340	08-31-20
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

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


Eurofins TestAmerica, Canton



## Chain of Custody Record

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

<b>Client Contact</b> Company Name: Arcadis Address: 28550 Cabot Drive, Suite 500 City/State/Zip: Novi, MI, 48377 Phone: 248-994-2240		<b>Regulatory program:</b> <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input type="checkbox"/> Other	
<b>Client Project Manager: Kris Hinsky</b> Telephone: 248-994-2240 Email: krisstoffer.hinsky@arcadis.com		<b>Site Contact: Julia McClafferty</b> Telephone: 330-497-9396	
<b>Sample Name:</b> Patrick Labadie <b>Method of Shipment/Carrier:</b> <b>Shipping/Tracking No:</b>		<b>Analysis Turnaround Time</b> TAT if different from below: <input type="checkbox"/> 3 weeks <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day	
<b>Project Name:</b> Ford LTP On-Site <b>Project Number:</b> 30050315.401.03 <b>PO #</b> 30050315.401.03		<b>Analysis</b> Walk-in client Lab sampling Job/SDG No:	
<b>Sample Identification</b>		<b>Containers &amp; Preservatives</b> Matrix: <input type="checkbox"/> Solid <input type="checkbox"/> Sediment <input type="checkbox"/> Aqueous <input type="checkbox"/> Other: H2SO4 <input type="checkbox"/> HNO3 <input type="checkbox"/> HCl <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH <input type="checkbox"/> Other: Sample Date Sample Time	
TRIP BLANK MW-68-081020 MW-47-081020 MW-46-081020 D4P-04 MW-70-081020		Filtered Sample (Y / N) Composite C / Grab C 1,1-DCE 8260B cis-1,2-DCE 8260B Trans-1,2-DCE 8260B PCE 8260B TCE 8260B Vinyl Chloride 8260B 1,4-Dioxane 8260B SIM	
Sample Specific Notes / Special Instructions: TRIP BLANK 3 Vials for 8260B 3 Vials for 8260B SIM		Sample Disposal (A fee may be a <input type="checkbox"/> Return to Client <input type="checkbox"/> E	



240-134804 Chain of Custody

Relinquished by: <i>Patrick Labadie</i>	Company: Arcadis	Date/Time: 8-10-20/18:00
Relinquished by: <i>Eric Hall</i>	Company: EHA	Date/Time: 8/11/20 1415
Relinquished by: <i>Eric Hall</i>	Company: EHA	Date/Time: 8-12-20 930

Submit all results through Cadena at [itomalia@cadenaco.com](mailto:itomalia@cadenaco.com). Cadena #E203728  
 Level IV Reporting requested.

Relinquished by: *Patrick Labadie* Company: Arcadis Date/Time: 8-10-20/18:00  
 Relinquished by: *Eric Hall* Company: Arcadis Date/Time: 8/11/20 1415  
 Relinquished by: *Eric Hall* Company: EHA Date/Time: 8/11/20 1416

## Eurofins TestAmerica Canton Sample Receipt Form/Narrative

Login # : 134804

Canton Facility

Client Arcadis

Site Name \_\_\_\_\_

Cooler unpacked by: Ryan CCooler Received on 8-12-20Opened on 8-12-20 930FedEx: 1<sup>st</sup> Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other \_\_\_\_\_

Receipt After-hours: Drop-off Date/Time \_\_\_\_\_

Storage Location \_\_\_\_\_

TestAmerica Cooler # TA Foam Box Client Cooler Box Other \_\_\_\_\_Packing material used: Bubble Wrap Foam Plastic Bag None Other \_\_\_\_\_COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# IR-10 (CF +0.7 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C

IR GUN #IR-11 (CF +0.9 °C) Observed Cooler Temp. 3.4 °C Corrected Cooler Temp. 4.3 °C2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1

Yes No

-Were the seals on the outside of the cooler(s) signed &amp; 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 &amp; 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

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 # \_\_\_\_\_

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  
TOCpH Strip Lot# HC911298

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

Concerning \_\_\_\_\_

## 17. CHAIN OF CUSTODY &amp; SAMPLE DISCREPANCIES

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

## 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 &gt;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: \_\_\_\_\_

WT-NC-099