

ANALYTICAL REPORT

Eurofins Canton
180 S. Van Buren Avenue
Barberton, OH 44203
Tel: (330)497-9396

Laboratory Job ID: 240-166653-1
Client Project/Site: Ford LTP - Off Site

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

Attn: Kristoffer Hinskey



Authorized for release by:
5/26/2022 11:12:05 PM
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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: 240-166653-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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: 240-166653-1

Job ID: 240-166653-1

Laboratory: Eurofins Canton

Narrative

**Job Narrative
240-166653-1**

Comments

No additional comments.

Receipt

The samples were received on 5/14/2022 @ 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.0° C.

GC/MS VOA

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

VOA Prep

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

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Method Summary

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

Job ID: 240-166653-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL CAN
5030C	Purge and Trap	SW846	TAL CAN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = Eurofins Canton, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

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Sample Summary

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

Job ID: 240-166653-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-166653-1	TRIP BLANK_94	Water	05/11/22 00:00	05/14/22 08:00
240-166653-2	MW-204S_051122	Water	05/11/22 09:25	05/14/22 08:00
240-166653-3	MW-204_051122	Water	05/11/22 10:05	05/14/22 08:00
240-166653-4	MW-205_051122	Water	05/11/22 11:00	05/14/22 08:00
240-166653-5	MW-205S_051122	Water	05/11/22 11:40	05/14/22 08:00

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- 11
- 12
- 13
- 14

Detection Summary

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

Job ID: 240-166653-1

Client Sample ID: TRIP BLANK_94

Lab Sample ID: 240-166653-1

No Detections.

Client Sample ID: MW-204S_051122

Lab Sample ID: 240-166653-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.0		1.0	0.46	ug/L	1		8260D	Total/NA
Trichloroethene	4.4		1.0	0.44	ug/L	1		8260D	Total/NA

Client Sample ID: MW-204_051122

Lab Sample ID: 240-166653-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	41		2.0	0.88	ug/L	2		8260D	Total/NA

Client Sample ID: MW-205_051122

Lab Sample ID: 240-166653-4

No Detections.

Client Sample ID: MW-205S_051122

Lab Sample ID: 240-166653-5

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Canton

Client Sample Results

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

Job ID: 240-166653-1

Client Sample ID: TRIP BLANK_94

Lab Sample ID: 240-166653-1

Date Collected: 05/11/22 00:00

Matrix: Water

Date Received: 05/14/22 08:00

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/21/22 16:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/21/22 16:01	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/21/22 16:01	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/21/22 16:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		62 - 137		05/21/22 16:01	1
4-Bromofluorobenzene (Surr)	99		56 - 136		05/21/22 16:01	1
Toluene-d8 (Surr)	103		78 - 122		05/21/22 16:01	1
Dibromofluoromethane (Surr)	96		73 - 120		05/21/22 16:01	1

Client Sample Results

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

Job ID: 240-166653-1

Client Sample ID: MW-204S_051122

Lab Sample ID: 240-166653-2

Date Collected: 05/11/22 09:25

Matrix: Water

Date Received: 05/14/22 08:00

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	1.0		1.0	0.46	ug/L			05/21/22 16:23	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/21/22 16:23	1
Trichloroethene	4.4		1.0	0.44	ug/L			05/21/22 16:23	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/21/22 16:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		62 - 137		05/21/22 16:23	1
4-Bromofluorobenzene (Surr)	98		56 - 136		05/21/22 16:23	1
Toluene-d8 (Surr)	101		78 - 122		05/21/22 16:23	1
Dibromofluoromethane (Surr)	94		73 - 120		05/21/22 16:23	1

Client Sample Results

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

Job ID: 240-166653-1

Client Sample ID: MW-204_051122

Lab Sample ID: 240-166653-3

Date Collected: 05/11/22 10:05

Matrix: Water

Date Received: 05/14/22 08:00

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	2.0	U	2.0	0.92	ug/L			05/21/22 16:46	2
trans-1,2-Dichloroethene	2.0	U	2.0	1.0	ug/L			05/21/22 16:46	2
Trichloroethene	41		2.0	0.88	ug/L			05/21/22 16:46	2
Vinyl chloride	2.0	U	2.0	0.90	ug/L			05/21/22 16:46	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		62 - 137		05/21/22 16:46	2
4-Bromofluorobenzene (Surr)	96		56 - 136		05/21/22 16:46	2
Toluene-d8 (Surr)	102		78 - 122		05/21/22 16:46	2
Dibromofluoromethane (Surr)	93		73 - 120		05/21/22 16:46	2

Client Sample Results

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

Job ID: 240-166653-1

Client Sample ID: MW-205_051122

Lab Sample ID: 240-166653-4

Date Collected: 05/11/22 11:00

Matrix: Water

Date Received: 05/14/22 08:00

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/21/22 17:08	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/21/22 17:08	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/21/22 17:08	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/21/22 17:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		62 - 137		05/21/22 17:08	1
4-Bromofluorobenzene (Surr)	97		56 - 136		05/21/22 17:08	1
Toluene-d8 (Surr)	103		78 - 122		05/21/22 17:08	1
Dibromofluoromethane (Surr)	94		73 - 120		05/21/22 17:08	1

Client Sample Results

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

Job ID: 240-166653-1

Client Sample ID: MW-205S_051122

Lab Sample ID: 240-166653-5

Date Collected: 05/11/22 11:40

Matrix: Water

Date Received: 05/14/22 08:00

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/21/22 17:30	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/21/22 17:30	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/21/22 17:30	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/21/22 17:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		62 - 137		05/21/22 17:30	1
4-Bromofluorobenzene (Surr)	95		56 - 136		05/21/22 17:30	1
Toluene-d8 (Surr)	99		78 - 122		05/21/22 17:30	1
Dibromofluoromethane (Surr)	93		73 - 120		05/21/22 17:30	1

Surrogate Summary

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

Job ID: 240-166653-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA	BFB	TOL	DBFM
		(62-137)	(56-136)	(78-122)	(73-120)
240-166563-E-1 MS	Matrix Spike	99	107	106	94
240-166563-E-1 MSD	Matrix Spike Duplicate	98	108	104	93
240-166653-1	TRIP BLANK_94	106	99	103	96
240-166653-2	MW-204S_051122	104	98	101	94
240-166653-3	MW-204_051122	103	96	102	93
240-166653-4	MW-205_051122	105	97	103	94
240-166653-5	MW-205S_051122	103	95	99	93
LCS 240-527387/5	Lab Control Sample	98	109	106	94
MB 240-527387/9	Method Blank	102	98	104	91

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

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

Job ID: 240-166653-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-527387/9
Matrix: Water
Analysis Batch: 527387

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/21/22 12:39	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/21/22 12:39	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/21/22 12:39	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/21/22 12:39	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	102		62 - 137		05/21/22 12:39	1
4-Bromofluorobenzene (Surr)	98		56 - 136		05/21/22 12:39	1
Toluene-d8 (Surr)	104		78 - 122		05/21/22 12:39	1
Dibromofluoromethane (Surr)	91		73 - 120		05/21/22 12:39	1

Lab Sample ID: LCS 240-527387/5
Matrix: Water
Analysis Batch: 527387

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

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
cis-1,2-Dichloroethene	20.0	19.4		ug/L		97	77 - 123
trans-1,2-Dichloroethene	20.0	19.7		ug/L		99	75 - 124
Trichloroethene	20.0	19.0		ug/L		95	70 - 122
Vinyl chloride	20.0	17.8		ug/L		89	60 - 144

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	98		62 - 137
4-Bromofluorobenzene (Surr)	109		56 - 136
Toluene-d8 (Surr)	106		78 - 122
Dibromofluoromethane (Surr)	94		73 - 120

Lab Sample ID: 240-166563-E-1 MS
Matrix: Water
Analysis Batch: 527387

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
				Result	Qualifier				
cis-1,2-Dichloroethene	170		100	257		ug/L		89	66 - 128
trans-1,2-Dichloroethene	5.0	U	100	98.2		ug/L		98	56 - 136
Trichloroethene	5.0	U	100	91.1		ug/L		91	61 - 124
Vinyl chloride	5.0	U	100	93.1		ug/L		93	43 - 157

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	99		62 - 137
4-Bromofluorobenzene (Surr)	107		56 - 136
Toluene-d8 (Surr)	106		78 - 122
Dibromofluoromethane (Surr)	94		73 - 120

QC Sample Results

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

Job ID: 240-166653-1

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

Lab Sample ID: 240-166563-E-1 MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 527387

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	170		100	254		ug/L		86	66 - 128	1	14
trans-1,2-Dichloroethene	5.0	U	100	97.4		ug/L		97	56 - 136	1	15
Trichloroethene	5.0	U	100	88.2		ug/L		88	61 - 124	3	15
Vinyl chloride	5.0	U	100	86.7		ug/L		87	43 - 157	7	24

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		62 - 137
4-Bromofluorobenzene (Surr)	108		56 - 136
Toluene-d8 (Surr)	104		78 - 122
Dibromofluoromethane (Surr)	93		73 - 120

QC Association Summary

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

Job ID: 240-166653-1

GC/MS VOA

Analysis Batch: 527387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-166653-1	TRIP BLANK_94	Total/NA	Water	8260D	
240-166653-2	MW-204S_051122	Total/NA	Water	8260D	
240-166653-3	MW-204_051122	Total/NA	Water	8260D	
240-166653-4	MW-205_051122	Total/NA	Water	8260D	
240-166653-5	MW-205S_051122	Total/NA	Water	8260D	
MB 240-527387/9	Method Blank	Total/NA	Water	8260D	
LCS 240-527387/5	Lab Control Sample	Total/NA	Water	8260D	
240-166563-E-1 MS	Matrix Spike	Total/NA	Water	8260D	
240-166563-E-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Lab Chronicle

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

Job ID: 240-166653-1

Client Sample ID: TRIP BLANK_94

Lab Sample ID: 240-166653-1

Date Collected: 05/11/22 00:00

Matrix: Water

Date Received: 05/14/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	527387	05/21/22 16:01	TJL1	TAL CAN

Client Sample ID: MW-204S_051122

Lab Sample ID: 240-166653-2

Date Collected: 05/11/22 09:25

Matrix: Water

Date Received: 05/14/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	527387	05/21/22 16:23	TJL1	TAL CAN

Client Sample ID: MW-204_051122

Lab Sample ID: 240-166653-3

Date Collected: 05/11/22 10:05

Matrix: Water

Date Received: 05/14/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		2	527387	05/21/22 16:46	TJL1	TAL CAN

Client Sample ID: MW-205_051122

Lab Sample ID: 240-166653-4

Date Collected: 05/11/22 11:00

Matrix: Water

Date Received: 05/14/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	527387	05/21/22 17:08	TJL1	TAL CAN

Client Sample ID: MW-205S_051122

Lab Sample ID: 240-166653-5

Date Collected: 05/11/22 11:40

Matrix: Water

Date Received: 05/14/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	527387	05/21/22 17:30	TJL1	TAL CAN

Laboratory References:

TAL CAN = Eurofins Canton, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

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

Job ID: 240-166653-1

Laboratory: Eurofins Canton

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

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-27-23
Connecticut	State	PH-0590	12-31-23
Florida	NELAP	E87225	06-30-22
Georgia	State	4062	02-23-22 *
Illinois	NELAP	200004	07-31-22
Iowa	State	421	06-01-23
Kentucky (UST)	State	112225	02-27-23
Kentucky (WW)	State	KY98016	12-31-22
Minnesota	NELAP	039-999-348	12-31-22
Minnesota (Petrofund)	State	3506	08-01-23
New Jersey	NELAP	OH001	06-30-22
New York	NELAP	10975	04-01-23
Ohio	State	8303	02-23-23
Ohio VAP	State	CL0024	05-24-22
Oregon	NELAP	4062	05-24-22
Pennsylvania	NELAP	68-00340	08-31-22
Texas	NELAP	T104704517-22-16	08-31-22
Virginia	NELAP	11570	09-14-22
Washington	State	C971	01-12-23
West Virginia DEP	State	210	12-31-22

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

Eurofins Canton

Eurofins TestAmerica Canton Sample Receipt Form/Narrative Login # : 166653

Canton Facility

Client Arcadis Site Name _____ Cooler unpacked by: Larry Boyer

Cooler Received on 5-14-22 Opened on 5-16-22

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

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

TestAmerica Cooler # TA Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt See Multiple Cooler Form
 IR GUN# IR-13 (CF 0.0 °C) Observed Cooler Temp. 3.0 °C Corrected Cooler Temp. 3.0 °C
 IR GUN #IR-15 (CF -0.7°C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
 -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
 -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No 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
 If yes, Questions 13-17 have been checked at the originating laboratory.

13. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC157842

14. Were VOAs on the COC? Yes No NA

15. Were air bubbles >6 mm in any VOA vials? Yes No NA ● ← Larger than this.

16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # Covered 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: _____

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Eurofins TestAmerica Canton Sample Receipt Form/Narrative Login # : 166653

Canton Facility

Client Arcadis Site Name _____ Cooler unpacked by: Larry Boyer

Cooler Received on 5-14-22 Opened on 5-16-22

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

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

TestAmerica Cooler # TA Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt See Multiple Cooler Form
 IR GUN# IR-13 (CF 0.0 °C) Observed Cooler Temp. 3.0 °C Corrected Cooler Temp. 3.0 °C
 IR GUN #IR-15 (CF -0.7°C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
 -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
 -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No 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
 If yes, Questions 13-17 have been checked at the originating laboratory.

13. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC157842

14. Were VOAs on the COC? Yes No NA

15. Were air bubbles >6 mm in any VOA vials? Yes No NA ● ← Larger than this.

16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # Covered Yes No

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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

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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: _____

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