

ANALYTICAL REPORT

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

Laboratory Job ID: 240-149412-1
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:
5/28/2021 2:04:58 PM

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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



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Definitions/Glossary

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

Job ID: 240-149412-1

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 - On Site

Job ID: 240-149412-1

Job ID: 240-149412-1

Laboratory: Eurofins TestAmerica, Canton

Narrative

Job Narrative
240-149412-1

Comments

No additional comments.

Receipt

The samples were received on 5/14/2021 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 4.4° 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 - On Site

Job ID: 240-149412-1

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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Sample Summary

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

Job ID: 240-149412-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-149412-1	TRIP BLANK_59	Water	05/12/21 00:00	05/14/21 08:00	
240-149412-2	MW-44_051221	Water	05/12/21 11:35	05/14/21 08:00	
240-149412-3	MW-22_051221	Water	05/12/21 12:50	05/14/21 08:00	

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- 10
- 11
- 12
- 13
- 14

Detection Summary

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

Job ID: 240-149412-1

Client Sample ID: TRIP BLANK_59

Lab Sample ID: 240-149412-1

No Detections.

Client Sample ID: MW-44_051221

Lab Sample ID: 240-149412-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	8.6		2.0	0.86	ug/L	1		8260B SIM	Total/NA
Vinyl chloride	200		5.0	1.0	ug/L	5		8260B	Total/NA

Client Sample ID: MW-22_051221

Lab Sample ID: 240-149412-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	47		2.0	0.86	ug/L	1		8260B SIM	Total/NA
cis-1,2-Dichloroethene	47		25	4.0	ug/L	25		8260B	Total/NA
Vinyl chloride	1500		25	5.0	ug/L	25		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: 240-149412-1

Client Sample ID: TRIP BLANK_59

Lab Sample ID: 240-149412-1

Date Collected: 05/12/21 00:00

Matrix: Water

Date Received: 05/14/21 08:00

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			05/24/21 15:02	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.16	ug/L			05/24/21 15:02	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/24/21 15:02	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			05/24/21 15:02	1
Trichloroethene	1.0	U	1.0	0.10	ug/L			05/24/21 15:02	1
Vinyl chloride	1.0	U	1.0	0.20	ug/L			05/24/21 15:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 130		05/24/21 15:02	1
4-Bromofluorobenzene (Surr)	95		47 - 134		05/24/21 15:02	1
Toluene-d8 (Surr)	97		69 - 122		05/24/21 15:02	1
Dibromofluoromethane (Surr)	102		78 - 129		05/24/21 15:02	1

Client Sample Results

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

Job ID: 240-149412-1

Client Sample ID: MW-44_051221

Lab Sample ID: 240-149412-2

Date Collected: 05/12/21 11:35

Matrix: Water

Date Received: 05/14/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	8.6		2.0	0.86	ug/L			05/18/21 19:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		70 - 133					05/18/21 19:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	5.0	U	5.0	0.95	ug/L			05/24/21 19:16	5
cis-1,2-Dichloroethene	5.0	U	5.0	0.80	ug/L			05/24/21 19:16	5
Tetrachloroethene	5.0	U	5.0	0.75	ug/L			05/24/21 19:16	5
trans-1,2-Dichloroethene	5.0	U	5.0	0.95	ug/L			05/24/21 19:16	5
Trichloroethene	5.0	U	5.0	0.50	ug/L			05/24/21 19:16	5
Vinyl chloride	200		5.0	1.0	ug/L			05/24/21 19:16	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		75 - 130					05/24/21 19:16	5
4-Bromofluorobenzene (Surr)	91		47 - 134					05/24/21 19:16	5
Toluene-d8 (Surr)	96		69 - 122					05/24/21 19:16	5
Dibromofluoromethane (Surr)	101		78 - 129					05/24/21 19:16	5

Client Sample Results

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

Job ID: 240-149412-1

Client Sample ID: MW-22_051221

Lab Sample ID: 240-149412-3

Date Collected: 05/12/21 12:50

Matrix: Water

Date Received: 05/14/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	47		2.0	0.86	ug/L			05/18/21 21:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		70 - 133					05/18/21 21:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	25	U	25	4.8	ug/L			05/25/21 17:24	25
cis-1,2-Dichloroethene	47		25	4.0	ug/L			05/25/21 17:24	25
Tetrachloroethene	25	U	25	3.8	ug/L			05/25/21 17:24	25
trans-1,2-Dichloroethene	25	U	25	4.8	ug/L			05/25/21 17:24	25
Trichloroethene	25	U	25	2.5	ug/L			05/25/21 17:24	25
Vinyl chloride	1500		25	5.0	ug/L			05/25/21 17:24	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		75 - 130					05/25/21 17:24	25
4-Bromofluorobenzene (Surr)	106		47 - 134					05/25/21 17:24	25
Toluene-d8 (Surr)	110		69 - 122					05/25/21 17:24	25
Dibromofluoromethane (Surr)	116		78 - 129					05/25/21 17:24	25

Surrogate Summary

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

Job ID: 240-149412-1

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)
240-149412-1	TRIP BLANK_59	100	95	97	102
240-149412-2	MW-44_051221	99	91	96	101
240-149412-3	MW-22_051221	114	106	110	116
LCS 240-487192/5	Lab Control Sample	93	95	97	97
MB 240-487192/7	Method Blank	96	95	95	102

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)
240-149412-2	MW-44_051221	82
240-149412-3	MW-22_051221	82
240-149470-H-4 MS	Matrix Spike	84
240-149470-N-4 MSD	Matrix Spike Duplicate	81
LCS 240-486375/4	Lab Control Sample	82
MB 240-486375/5	Method Blank	83

Surrogate Legend

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

QC Sample Results

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

Job ID: 240-149412-1

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

Lab Sample ID: MB 240-487192/7
Matrix: Water
Analysis Batch: 487192

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			05/24/21 13:53	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.16	ug/L			05/24/21 13:53	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			05/24/21 13:53	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			05/24/21 13:53	1
Trichloroethene	1.0	U	1.0	0.10	ug/L			05/24/21 13:53	1
Vinyl chloride	1.0	U	1.0	0.20	ug/L			05/24/21 13:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 130		05/24/21 13:53	1
4-Bromofluorobenzene (Surr)	95		47 - 134		05/24/21 13:53	1
Toluene-d8 (Surr)	95		69 - 122		05/24/21 13:53	1
Dibromofluoromethane (Surr)	102		78 - 129		05/24/21 13:53	1

Lab Sample ID: LCS 240-487192/5
Matrix: Water
Analysis Batch: 487192

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	25.0	26.2		ug/L		105	73 - 129
cis-1,2-Dichloroethene	25.0	24.4		ug/L		98	75 - 124
Tetrachloroethene	25.0	24.2		ug/L		97	70 - 125
trans-1,2-Dichloroethene	25.0	25.6		ug/L		102	74 - 130
Trichloroethene	25.0	24.0		ug/L		96	71 - 121
Vinyl chloride	25.0	24.1		ug/L		96	61 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	93		75 - 130
4-Bromofluorobenzene (Surr)	95		47 - 134
Toluene-d8 (Surr)	97		69 - 122
Dibromofluoromethane (Surr)	97		78 - 129

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

Lab Sample ID: MB 240-486375/5
Matrix: Water
Analysis Batch: 486375

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			05/18/21 16:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	83		70 - 133		05/18/21 16:05	1

QC Sample Results

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

Job ID: 240-149412-1

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

Lab Sample ID: LCS 240-486375/4
Matrix: Water
Analysis Batch: 486375

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	10.5		ug/L		105	80 - 135
Surrogate							
	%Recovery	LCS Qualifier	LCS Limits				
1,2-Dichloroethane-d4 (Surr)	82		70 - 133				

Lab Sample ID: 240-149470-H-4 MS
Matrix: Water
Analysis Batch: 486375

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	1.3	J	10.0	12.4		ug/L		111	46 - 170
Surrogate									
	%Recovery	MS Qualifier	MS Limits						
1,2-Dichloroethane-d4 (Surr)	84		70 - 133						

Lab Sample ID: 240-149470-N-4 MSD
Matrix: Water
Analysis Batch: 486375

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	1.3	J	10.0	11.5		ug/L		102	46 - 170	8	26
Surrogate											
	%Recovery	MSD Qualifier	MSD Limits								
1,2-Dichloroethane-d4 (Surr)	81		70 - 133								

QC Association Summary

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

Job ID: 240-149412-1

GC/MS VOA

Analysis Batch: 486375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-149412-2	MW-44_051221	Total/NA	Water	8260B SIM	
240-149412-3	MW-22_051221	Total/NA	Water	8260B SIM	
MB 240-486375/5	Method Blank	Total/NA	Water	8260B SIM	
LCS 240-486375/4	Lab Control Sample	Total/NA	Water	8260B SIM	
240-149470-H-4 MS	Matrix Spike	Total/NA	Water	8260B SIM	
240-149470-N-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B SIM	

Analysis Batch: 487192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-149412-1	TRIP BLANK_59	Total/NA	Water	8260B	
240-149412-2	MW-44_051221	Total/NA	Water	8260B	
MB 240-487192/7	Method Blank	Total/NA	Water	8260B	
LCS 240-487192/5	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 487429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-149412-3	MW-22_051221	Total/NA	Water	8260B	

Lab Chronicle

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

Job ID: 240-149412-1

Client Sample ID: TRIP BLANK_59

Lab Sample ID: 240-149412-1

Date Collected: 05/12/21 00:00

Matrix: Water

Date Received: 05/14/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	487192	05/24/21 15:02	SAM	TAL CAN

Client Sample ID: MW-44_051221

Lab Sample ID: 240-149412-2

Date Collected: 05/12/21 11:35

Matrix: Water

Date Received: 05/14/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	487192	05/24/21 19:16	SAM	TAL CAN
Total/NA	Analysis	8260B SIM		1	486375	05/18/21 19:48	CS	TAL CAN

Client Sample ID: MW-22_051221

Lab Sample ID: 240-149412-3

Date Collected: 05/12/21 12:50

Matrix: Water

Date Received: 05/14/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		25	487429	05/25/21 17:24	SAM	TAL CAN
Total/NA	Analysis	8260B SIM		1	486375	05/18/21 21:27	CS	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 - On Site

Job ID: 240-149412-1

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	02-23-22
Connecticut	State	PH-0590	12-31-21
Florida	NELAP	E87225	06-30-21
Georgia	State	4062	02-23-22
Illinois	NELAP	200004	07-31-21
Iowa	State	421	06-01-21
Kansas	NELAP	E-10336	04-30-21 *
Kentucky (UST)	State	112225	02-23-22
Kentucky (WW)	State	KY98016	12-31-21
Minnesota	NELAP	OH00048	12-31-21
Minnesota (Petrofund)	State	3506	08-01-21
New Jersey	NELAP	OH001	06-30-21
New York	NELAP	10975	03-31-22
Ohio VAP	State	CL0024	12-21-23
Oregon	NELAP	4062	02-23-22
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	01-12-22
West Virginia DEP	State	210	12-31-21

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



4/3/44

Chain of Custody Record

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

MICHIGAN
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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 On-Site Project Number: 30080642.401.03 PO # 30080642.401.03		Regulatory program: DW NPDES RCRA Other Site Contact: Julia McClafferty Telephone: 734-644-5151 Email: kristoffer.hinskey@arcadis.com		Lab Contact: Mike DeMomico Telephone: 330-497-9396		TestAmerica Laboratories, Inc. COC No: 1 of 1 COCs For lab use only Walk-in client Lab sampling Job/SDG No:	
Sampler Name: CHRISTINA WEAVER Method of Shipment/Carrier: Shipping/Tracking No:		Analysis Turnaround Time: TAT different from below 10 day <input checked="" type="checkbox"/> 3 weeks 1 week <input type="checkbox"/> 2 weeks 2 days <input type="checkbox"/> 1 day 1 day <input type="checkbox"/>		Analyses: 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: 1 Trip Blank 3 VOAs for 8260B 3 VOAs for 8260B SIM // //	
Matrix: Air <input checked="" type="checkbox"/> Aqueous <input type="checkbox"/> Sediment <input type="checkbox"/> Solid <input type="checkbox"/> Other <input type="checkbox"/> H2SO4 <input type="checkbox"/> HNO3 <input type="checkbox"/> HCl <input checked="" type="checkbox"/> NaOH <input type="checkbox"/> ZnAc <input type="checkbox"/> NaBr <input type="checkbox"/> Unpres <input type="checkbox"/> Other <input type="checkbox"/>		Containers & Preservatives: 1 6 6 Filtered Sample (Y/N) Composite C/Grab G Filtered Sample (Y/N) NG NG NG		Sample Disposal: (A fee may be assessed if samples are retained longer than 1 month) Return to Client <input type="checkbox"/> Disposal By Lab <input checked="" type="checkbox"/> Archive For _____ Months		Barcode: 240-149412 Chain of Custody	
Sample Identification: TRIP BLANK - 59 MW-44-051221 MW-22-051221		Sample Date: --- 5/12/21 1135 5/12/21 1250		Sample Time: --- 1135 1250		Sample Disposal: (A fee may be assessed if samples are retained longer than 1 month) Return to Client <input type="checkbox"/> Disposal By Lab <input checked="" type="checkbox"/> Archive For _____ Months	
Possible Hazard Identification: <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Irritant <input type="checkbox"/> Corrosive <input type="checkbox"/> Flammable <input type="checkbox"/> Toxic		Special Instructions/QC Requirements & Comments: Submit all results through Cadena at jtomalia@cadenaco.com, Cadena #E203728 Level IV Reporting requested		Relinquished by: Christina Weaver Date/Time: 5/12/21 1400 Company: ARCADIS		Relinquished by: Julia McClafferty Date/Time: 5/13/21 Company: Arcadis	
Relinquished by: Christina Weaver Date/Time: 5/13/21 1519 Company: EDA		Relinquished by: Christina Weaver Date/Time: 5/14/21 800 Company: EDA		Relinquished by: Christina Weaver Date/Time: 5/14/21 800 Company: EDA		Relinquished by: Christina Weaver Date/Time: 5/14/21 800 Company: EDA	



Eurofins TestAmerica Canton Sample Receipt Form/Narrative

Login # : 149412

Canton Facility

Client Accad's Site Name _____ Cooler unpacked by Matt
 Cooler Received on 5/14/21 Opened on 3/14/21
 FedEx. 1st Grd Exp UPS FAS Clipped Client Drop Off TestAmerica Courier Other _____

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

TestAmerica Cooler # NA 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 +0.1 °C) Observed Cooler Temp. 4.3 °C Corrected Cooler Temp. 4.4 °C
 IR GUN #IR-12 (CF +0.2 °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
 -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)?
- 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# HC022887
- 14 Were VOAs on the COC? Yes No
- 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 # NA 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. _____