

ANALYTICAL REPORT

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

Laboratory Job ID: 240-171816-1
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:
9/2/2022 8:46:29 AM

Michael DeMonico, Project Manager I
(330)497-9396
Michael.DeMonico@et.eurofinsus.com

LINKS

Review your project
results through



Have a Question?



Visit us at:

www.eurofinsus.com/Env

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.



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Method Summary	5
Sample Summary	6
Detection Summary	7
Client Sample Results	8
Surrogate Summary	10
QC Sample Results	11
QC Association Summary	14
Lab Chronicle	15
Certification Summary	16
Chain of Custody	17

Definitions/Glossary

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

Job ID: 240-171816-1

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: 240-171816-1

Job ID: 240-171816-1

Laboratory: Eurofins Canton

Narrative

Job Narrative
240-171816-1

Comments

No additional comments.

Receipt

The samples were received on 8/19/2022 9:50 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 4.8° C.

GC/MS VOA

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

VOA Prep

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

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

Job ID: 240-171816-1

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

Protocol References:

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

Laboratory References:

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Sample Summary

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

Job ID: 240-171816-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-171816-1	TRIP BLANK_05	Water	08/17/22 00:00	08/19/22 09:50
240-171816-2	MW-106S_081722	Water	08/17/22 11:10	08/19/22 09:50

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Detection Summary

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

Job ID: 240-171816-1

Client Sample ID: TRIP BLANK_05

Lab Sample ID: 240-171816-1

No Detections.

Client Sample ID: MW-106S_081722

Lab Sample ID: 240-171816-2

No Detections.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

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: 240-171816-1

Client Sample ID: TRIP BLANK_05

Lab Sample ID: 240-171816-1

Date Collected: 08/17/22 00:00

Matrix: Water

Date Received: 08/19/22 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			08/22/22 14:09	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/22/22 14:09	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/22/22 14:09	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/22/22 14:09	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/22/22 14:09	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/22/22 14:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		62 - 137		08/22/22 14:09	1
4-Bromofluorobenzene (Surr)	95		56 - 136		08/22/22 14:09	1
Toluene-d8 (Surr)	94		78 - 122		08/22/22 14:09	1
Dibromofluoromethane (Surr)	85		73 - 120		08/22/22 14:09	1

Client Sample Results

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

Job ID: 240-171816-1

Client Sample ID: MW-106S_081722

Lab Sample ID: 240-171816-2

Date Collected: 08/17/22 11:10

Matrix: Water

Date Received: 08/19/22 09:50

Method: 8260D 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			08/24/22 23:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		66 - 120		08/24/22 23:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			08/22/22 14:34	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/22/22 14:34	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/22/22 14:34	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/22/22 14:34	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/22/22 14:34	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/22/22 14:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		62 - 137		08/22/22 14:34	1
4-Bromofluorobenzene (Surr)	94		56 - 136		08/22/22 14:34	1
Toluene-d8 (Surr)	95		78 - 122		08/22/22 14:34	1
Dibromofluoromethane (Surr)	85		73 - 120		08/22/22 14:34	1

Surrogate Summary

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

Job ID: 240-171816-1

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)
240-171816-1	TRIP BLANK_05	88	95	94	85
240-171816-2	MW-106S_081722	87	94	95	85
240-171821-E-4 MSD	Matrix Spike Duplicate	85	93	95	86
240-171821-H-4 MS	Matrix Spike	88	91	96	88
LCS 240-539643/5	Lab Control Sample	86	92	97	86
MB 240-539643/8	Method Blank	89	95	95	86

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA
		(66-120)
240-171816-2	MW-106S_081722	87
240-171821-I-4 MS	Matrix Spike	86
240-171821-M-4 MSD	Matrix Spike Duplicate	88
LCS 240-540081/3	Lab Control Sample	91
MB 240-540081/4	Method Blank	93

Surrogate Legend

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

QC Sample Results

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

Job ID: 240-171816-1

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

Lab Sample ID: MB 240-539643/8
Matrix: Water
Analysis Batch: 539643

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			08/22/22 12:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/22/22 12:29	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/22/22 12:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/22/22 12:29	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/22/22 12:29	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/22/22 12:29	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	89		62 - 137		08/22/22 12:29	1
4-Bromofluorobenzene (Surr)	95		56 - 136		08/22/22 12:29	1
Toluene-d8 (Surr)	95		78 - 122		08/22/22 12:29	1
Dibromofluoromethane (Surr)	86		73 - 120		08/22/22 12:29	1

Lab Sample ID: LCS 240-539643/5
Matrix: Water
Analysis Batch: 539643

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

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,1-Dichloroethene	20.0	16.6		ug/L		83	63 - 134
cis-1,2-Dichloroethene	20.0	17.0		ug/L		85	77 - 123
Tetrachloroethene	20.0	19.3		ug/L		97	76 - 123
trans-1,2-Dichloroethene	20.0	19.0		ug/L		95	75 - 124
Trichloroethene	20.0	17.5		ug/L		88	70 - 122
Vinyl chloride	20.0	17.2		ug/L		86	60 - 144

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	86		62 - 137
4-Bromofluorobenzene (Surr)	92		56 - 136
Toluene-d8 (Surr)	97		78 - 122
Dibromofluoromethane (Surr)	86		73 - 120

Lab Sample ID: 240-171821-E-4 MSD
Matrix: Water
Analysis Batch: 539643

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

Analyte	Sample Sample		Spike Added	MSD MSD		Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
	Result	Qualifier		Result	Qualifier						
1,1-Dichloroethene	1.0	U	20.0	17.5		ug/L		87	56 - 135	0	26
cis-1,2-Dichloroethene	1.0	U	20.0	17.5		ug/L		87	66 - 128	0	14
Tetrachloroethene	1.0	U	20.0	18.6		ug/L		93	62 - 131	1	20
trans-1,2-Dichloroethene	1.0	U	20.0	19.3		ug/L		96	56 - 136	1	15
Trichloroethene	1.0	U	20.0	17.5		ug/L		87	61 - 124	1	15
Vinyl chloride	1.0	U	20.0	18.3		ug/L		91	43 - 157	9	24

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	85		62 - 137
4-Bromofluorobenzene (Surr)	93		56 - 136
Toluene-d8 (Surr)	95		78 - 122

Eurofins Canton

QC Sample Results

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

Job ID: 240-171816-1

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

Lab Sample ID: 240-171821-E-4 MSD
Matrix: Water
Analysis Batch: 539643

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

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Dibromofluoromethane (Surr)	86		73 - 120

Lab Sample ID: 240-171821-H-4 MS
Matrix: Water
Analysis Batch: 539643

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	1.0	U	20.0	17.4		ug/L		87	56 - 135
cis-1,2-Dichloroethene	1.0	U	20.0	17.4		ug/L		87	66 - 128
Tetrachloroethene	1.0	U	20.0	18.4		ug/L		92	62 - 131
trans-1,2-Dichloroethene	1.0	U	20.0	19.1		ug/L		95	56 - 136
Trichloroethene	1.0	U	20.0	17.7		ug/L		89	61 - 124
Vinyl chloride	1.0	U	20.0	16.8		ug/L		84	43 - 157

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	88		62 - 137
4-Bromofluorobenzene (Surr)	91		56 - 136
Toluene-d8 (Surr)	96		78 - 122
Dibromofluoromethane (Surr)	88		73 - 120

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

Lab Sample ID: MB 240-540081/4
Matrix: Water
Analysis Batch: 540081

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			08/24/22 18:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		66 - 120		08/24/22 18:05	1

Lab Sample ID: LCS 240-540081/3
Matrix: Water
Analysis Batch: 540081

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	10.3		ug/L		103	80 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		66 - 120

Lab Sample ID: 240-171821-I-4 MS
Matrix: Water
Analysis Batch: 540081

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	2.0	U	10.0	10.9		ug/L		109	51 - 153

Eurofins Canton

QC Sample Results

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

Job ID: 240-171816-1

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

<i>Surrogate</i>	<i>%Recovery</i>	<i>MS MS Qualifier</i>	<i>Limits</i>
1,2-Dichloroethane-d4 (Surr)	86		66 - 120

Lab Sample ID: 240-171821-M-4 MSD
 Matrix: Water
 Analysis Batch: 540081

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

<i>Analyte</i>	<i>Sample Result</i>	<i>Sample Qualifier</i>	<i>Spike Added</i>	<i>MSD Result</i>	<i>MSD Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec Limits</i>	<i>RPD</i>	<i>RPD Limit</i>
1,4-Dioxane	2.0	U	10.0	11.1		ug/L		111	51 - 153	2	16

<i>Surrogate</i>	<i>%Recovery</i>	<i>MSD MSD Qualifier</i>	<i>Limits</i>
1,2-Dichloroethane-d4 (Surr)	88		66 - 120



QC Association Summary

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

Job ID: 240-171816-1

GC/MS VOA

Analysis Batch: 539643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-171816-1	TRIP BLANK_05	Total/NA	Water	8260D	
240-171816-2	MW-106S_081722	Total/NA	Water	8260D	
MB 240-539643/8	Method Blank	Total/NA	Water	8260D	
LCS 240-539643/5	Lab Control Sample	Total/NA	Water	8260D	
240-171821-E-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	
240-171821-H-4 MS	Matrix Spike	Total/NA	Water	8260D	

Analysis Batch: 540081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-171816-2	MW-106S_081722	Total/NA	Water	8260D SIM	
MB 240-540081/4	Method Blank	Total/NA	Water	8260D SIM	
LCS 240-540081/3	Lab Control Sample	Total/NA	Water	8260D SIM	
240-171821-I-4 MS	Matrix Spike	Total/NA	Water	8260D SIM	
240-171821-M-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D SIM	

Lab Chronicle

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

Job ID: 240-171816-1

Client Sample ID: TRIP BLANK_05

Lab Sample ID: 240-171816-1

Date Collected: 08/17/22 00:00

Matrix: Water

Date Received: 08/19/22 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	539643	LEE	EET CAN	08/22/22 14:09

Client Sample ID: MW-106S_081722

Lab Sample ID: 240-171816-2

Date Collected: 08/17/22 11:10

Matrix: Water

Date Received: 08/19/22 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	539643	LEE	EET CAN	08/22/22 14:34
Total/NA	Analysis	8260D SIM		1	540081	CS	EET CAN	08/24/22 23:08

Laboratory References:

EET 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: 240-171816-1

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	06-30-23
Georgia	State	4062	02-27-23
Illinois	NELAP	200004	07-31-23
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	06-30-23
New York	NELAP	10975	04-01-23
Ohio	State	8303	02-23-23
Ohio VAP	State	CL0024	02-27-23
Oregon	NELAP	4062	02-27-23
Pennsylvania	NELAP	68-00340	08-31-23
Texas	NELAP	T104704517-22-17	08-31-22
Virginia	NELAP	11570	09-14-22
Washington	State	C971	01-12-23
West Virginia DEP	State	210	12-31-22

4.1/4.8

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

Client Contact Company Name: Arcadis Address: 28550 Cabot Drive, Suite 500 City/State/Zip: Novi, MI, 48377 Phone: 248-994-2240		Regulatory program: <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input type="checkbox"/> Other	
Client Project Manager: Kris Hinskey Telephone: 269-832-7478 Email: Kristoffer.Hinskey@arcadis.com		Site Contact: Christina Weaver Telephone: 248-994-2329	
Lab Contact: Mike DeMonico Telephone: 330-966-9783		TestAmerica Laboratories, Inc. COC No:	
Sampler Name: Sara Suknig Method of Shipment/Carrier: Shipping/Tracking No:		For lab use only Walk-in client Lab sampling Job/SDG No:	
Sample Identification Sample Date: 8/17/22 Sample Time: 10:00 AM Sample ID: MW-106-081722		1 of 1 COCs	
Analysis Turnaround Time TAT (if different from below): 10 day 3 weeks <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day <input type="checkbox"/>		Analyses 1,4-Dioxane 8260D SIM Vinyl Chloride 8260D TCE 8260D PCE 8260D Trans-1,2-DCE 8260D cis-1,2-DCE 8260D 1,1-DCE 8260D Composite=C / Grab=C Filtered Sample (Y/N)	
Containers & Preservatives H2SO4 HNO3 HCl NaOH ZnOH Umpres Other:		Sample Specific Notes / Special Instructions: 1 Trip Blank 3 VOAs for 8260D 3 VOAs for 8260D SIM	
Matrix Air Aqueous Sediment Solid Other:		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For <input type="checkbox"/> Months	
Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown		Date/Time: 08/17/22 13:30 Date/Time: 8-18-22 9:50 Date/Time: 8-19-22 9:50	
Special Instructions/OC Requirements & Comments: Sample Address: 34350 Perimeter Row 12001 Stark Submit all results through Cadena at jomaher@cadenaqc.com, Cadena #EX03631 Level IV Reporting requested		Company: Arcadis Company: Arcadis Company: ETA	
Relinquished by: Sara Suknig Relinquished by: Sara Suknig Relinquished by: Gama Buivera		Received by: Arcadis Gold Star Received by: Gama Buivera Received in Laboratory by: Sara Suknig	



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

©2022 TestAmerica Laboratories, Inc. All rights reserved.
 TestAmerica & "The Leader in Environmental Testing" are trademarks of TestAmerica Laboratories, Inc.

Eurofins - Canton Sample Receipt Form/Narrative
Barberton Facility

Login # : 171816

Client Arcaadis Site Name _____ Cooler unpacked by: Charisek
 Cooler Received on 8-19-22 Opened on 8-19-22

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

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

Eurofins 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 +0.7 °C) Observed Cooler Temp. 4.1 °C Corrected Cooler Temp. 4.8 °C
 IR GUN #IR-15 (CF 0.0°C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity _____ 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# HC286797
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 # 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: _____