

ANALYTICAL REPORT

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

Laboratory Job ID: 240-159310-1
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:
11/18/2021 3:19:56 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: 240-159310-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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: 240-159310-1

Job ID: 240-159310-1

Laboratory: Eurofins TestAmerica, Canton

Narrative

Job Narrative
240-159310-1

Comments

No additional comments.

Receipt

The samples were received on 11/4/2021 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 1.0° 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: 240-159310-1

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 - Off-Site

Job ID: 240-159310-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-159310-1	TRIP BLANK_24	Water	11/01/21 00:00	11/04/21 08:00
240-159310-2	MW-96S_110121	Water	11/01/21 15:32	11/04/21 08:00

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Detection Summary

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

Job ID: 240-159310-1

Client Sample ID: TRIP BLANK_24

Lab Sample ID: 240-159310-1

No Detections.

Client Sample ID: MW-96S_110121

Lab Sample ID: 240-159310-2

No Detections.

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- 12
- 13
- 14

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Canton

Client Sample Results

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

Job ID: 240-159310-1

Client Sample ID: TRIP BLANK_24

Lab Sample ID: 240-159310-1

Date Collected: 11/01/21 00:00

Matrix: Water

Date Received: 11/04/21 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	0.49	ug/L			11/11/21 17:08	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			11/11/21 17:08	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			11/11/21 17:08	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			11/11/21 17:08	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			11/11/21 17:08	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			11/11/21 17:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	123		62 - 137		11/11/21 17:08	1
4-Bromofluorobenzene (Surr)	68		56 - 136		11/11/21 17:08	1
Toluene-d8 (Surr)	88		78 - 122		11/11/21 17:08	1
Dibromofluoromethane (Surr)	111		73 - 120		11/11/21 17:08	1

Client Sample Results

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

Job ID: 240-159310-1

Client Sample ID: MW-96S_110121

Lab Sample ID: 240-159310-2

Date Collected: 11/01/21 15:32

Matrix: Water

Date Received: 11/04/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U F1	2.0	0.86	ug/L			11/10/21 23:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		66 - 120		11/10/21 23:45	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	0.49	ug/L			11/11/21 17:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			11/11/21 17:29	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			11/11/21 17:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			11/11/21 17:29	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			11/11/21 17:29	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			11/11/21 17:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		62 - 137		11/11/21 17:29	1
4-Bromofluorobenzene (Surr)	70		56 - 136		11/11/21 17:29	1
Toluene-d8 (Surr)	84		78 - 122		11/11/21 17:29	1
Dibromofluoromethane (Surr)	103		73 - 120		11/11/21 17:29	1

Surrogate Summary

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

Job ID: 240-159310-1

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 (62-137)	BFB (56-136)	TOL (78-122)	DBFM (73-120)
240-159310-1	TRIP BLANK_24	123	68	88	111
240-159310-2	MW-96S_110121	118	70	84	103
240-159310-2 MS	MW-96S-MS_110121	103	98	103	94
240-159310-2 MSD	MW-96S-MSD_110121	103	96	102	92
LCS 240-512503/4	Lab Control Sample	102	94	101	93
MB 240-512503/7	Method Blank	114	77	90	98

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 (66-120)
240-159310-2	MW-96S_110121	84
240-159310-2 MS	MW-96S-MS_110121	84
240-159310-2 MSD	MW-96S-MSD_110121	84
LCS 240-512369/6	Lab Control Sample	85
MB 240-512369/5	Method Blank	84

Surrogate Legend

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

QC Sample Results

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

Job ID: 240-159310-1

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

Lab Sample ID: MB 240-512503/7
Matrix: Water
Analysis Batch: 512503

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	0.49	ug/L			11/11/21 13:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			11/11/21 13:07	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			11/11/21 13:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			11/11/21 13:07	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			11/11/21 13:07	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			11/11/21 13:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		62 - 137		11/11/21 13:07	1
4-Bromofluorobenzene (Surr)	77		56 - 136		11/11/21 13:07	1
Toluene-d8 (Surr)	90		78 - 122		11/11/21 13:07	1
Dibromofluoromethane (Surr)	98		73 - 120		11/11/21 13:07	1

Lab Sample ID: LCS 240-512503/4
Matrix: Water
Analysis Batch: 512503

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	8.54		ug/L		85	63 - 134
cis-1,2-Dichloroethene	10.0	10.9		ug/L		109	77 - 123
Tetrachloroethene	10.0	9.61		ug/L		96	76 - 123
trans-1,2-Dichloroethene	10.0	11.3		ug/L		113	75 - 124
Trichloroethene	10.0	9.58		ug/L		96	70 - 122
Vinyl chloride	10.0	8.69		ug/L		87	60 - 144

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		62 - 137
4-Bromofluorobenzene (Surr)	94		56 - 136
Toluene-d8 (Surr)	101		78 - 122
Dibromofluoromethane (Surr)	93		73 - 120

Lab Sample ID: 240-159310-2 MS
Matrix: Water
Analysis Batch: 512503

Client Sample ID: MW-96S-MS_110121
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	10.0	8.69		ug/L		87	56 - 135
cis-1,2-Dichloroethene	1.0	U	10.0	9.70		ug/L		97	66 - 128
Tetrachloroethene	1.0	U	10.0	8.74		ug/L		87	62 - 131
trans-1,2-Dichloroethene	1.0	U	10.0	10.1		ug/L		101	56 - 136
Trichloroethene	1.0	U	10.0	8.43		ug/L		84	61 - 124
Vinyl chloride	1.0	U	10.0	8.11		ug/L		81	43 - 157

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		62 - 137
4-Bromofluorobenzene (Surr)	98		56 - 136
Toluene-d8 (Surr)	103		78 - 122

QC Sample Results

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

Job ID: 240-159310-1

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

Lab Sample ID: 240-159310-2 MS
Matrix: Water
Analysis Batch: 512503

Client Sample ID: MW-96S-MS_110121
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	94		73 - 120

Lab Sample ID: 240-159310-2 MSD
Matrix: Water
Analysis Batch: 512503

Client Sample ID: MW-96S-MSD_110121
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	1.0	U	10.0	8.78		ug/L		88	56 - 135	1	26
cis-1,2-Dichloroethene	1.0	U	10.0	10.0		ug/L		100	66 - 128	3	14
Tetrachloroethene	1.0	U	10.0	8.65		ug/L		86	62 - 131	1	20
trans-1,2-Dichloroethene	1.0	U	10.0	10.2		ug/L		102	56 - 136	1	15
Trichloroethene	1.0	U	10.0	8.58		ug/L		86	61 - 124	2	15
Vinyl chloride	1.0	U	10.0	8.51		ug/L		85	43 - 157	5	24

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		62 - 137
4-Bromofluorobenzene (Surr)	96		56 - 136
Toluene-d8 (Surr)	102		78 - 122
Dibromofluoromethane (Surr)	92		73 - 120

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

Lab Sample ID: MB 240-512369/5
Matrix: Water
Analysis Batch: 512369

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			11/10/21 19:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		66 - 120		11/10/21 19:46	1

Lab Sample ID: LCS 240-512369/6
Matrix: Water
Analysis Batch: 512369

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	9.53		ug/L		95	80 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	85		66 - 120

Lab Sample ID: 240-159310-2 MS
Matrix: Water
Analysis Batch: 512369

Client Sample ID: MW-96S-MS_110121
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 F1	10.0	9.69		ug/L		97	51 - 153

Eurofins TestAmerica, Canton

QC Sample Results

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

Job ID: 240-159310-1

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

<i>Surrogate</i>	<i>MS</i> <i>%Recovery</i>	<i>MS</i> <i>Qualifier</i>	<i>Limits</i>
1,2-Dichloroethane-d4 (Surr)	84		66 - 120

Lab Sample ID: 240-159310-2 MSD
Matrix: Water
Analysis Batch: 512369

Client Sample ID: MW-96S-MSD_110121
Prep Type: Total/NA

<i>Analyte</i>	<i>Sample</i> <i>Result</i>	<i>Sample</i> <i>Qualifier</i>	<i>Spike</i> <i>Added</i>	<i>MSD</i> <i>Result</i>	<i>MSD</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> <i>Limits</i>	<i>RPD</i>	<i>RPD</i> <i>Limit</i>
1,4-Dioxane	2.0	U F1	10.0	9.59		ug/L		96	51 - 153	1	16

<i>Surrogate</i>	<i>MSD</i> <i>%Recovery</i>	<i>MSD</i> <i>Qualifier</i>	<i>Limits</i>
1,2-Dichloroethane-d4 (Surr)	84		66 - 120

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QC Association Summary

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

Job ID: 240-159310-1

GC/MS VOA

Analysis Batch: 512369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-159310-2	MW-96S_110121	Total/NA	Water	8260B SIM	
MB 240-512369/5	Method Blank	Total/NA	Water	8260B SIM	
LCS 240-512369/6	Lab Control Sample	Total/NA	Water	8260B SIM	
240-159310-2 MS	MW-96S-MS_110121	Total/NA	Water	8260B SIM	
240-159310-2 MSD	MW-96S-MSD_110121	Total/NA	Water	8260B SIM	

Analysis Batch: 512503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-159310-1	TRIP BLANK_24	Total/NA	Water	8260B	
240-159310-2	MW-96S_110121	Total/NA	Water	8260B	
MB 240-512503/7	Method Blank	Total/NA	Water	8260B	
LCS 240-512503/4	Lab Control Sample	Total/NA	Water	8260B	
240-159310-2 MS	MW-96S-MS_110121	Total/NA	Water	8260B	
240-159310-2 MSD	MW-96S-MSD_110121	Total/NA	Water	8260B	

Lab Chronicle

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

Job ID: 240-159310-1

Client Sample ID: TRIP BLANK_24

Lab Sample ID: 240-159310-1

Date Collected: 11/01/21 00:00

Matrix: Water

Date Received: 11/04/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	512503	11/11/21 17:08	LEE	TAL CAN

Client Sample ID: MW-96S_110121

Lab Sample ID: 240-159310-2

Date Collected: 11/01/21 15:32

Matrix: Water

Date Received: 11/04/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	512503	11/11/21 17:29	LEE	TAL CAN
Total/NA	Analysis	8260B SIM		1	512369	11/10/21 23:45	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 - Off-Site

Job ID: 240-159310-1

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	06-30-22
Georgia	State	4062	02-23-22
Illinois	NELAP	200004	07-31-22
Iowa	State	421	06-01-23
Kansas	NELAP	E-10336	04-30-22
Kentucky (UST)	State	112225	02-23-22
Kentucky (WW)	State	KY98016	12-31-21
Minnesota	NELAP	OH00048	12-31-21
Minnesota (Petrofund)	State	3506	08-01-23
New Jersey	NELAP	OH001	06-30-22
New York	NELAP	10975	03-31-22
Ohio VAP	State	CL0024	12-21-23
Oregon	NELAP	4062	02-23-22
Pennsylvania	NELAP	68-00340	08-31-22
Texas	NELAP	T104704517-18-10	08-31-22
Virginia	NELAP	11570	09-14-22
Washington	State	C971	01-12-22
West Virginia DEP	State	210	12-31-21

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

Regulatory program: DW NPDES RCRA Other

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 Off-Site
 Project Number: 30080642-402.04
 PO # 30080642-402.04

Client Project Manager: Kris Hinskey
 Telephone: 248-994-2240
 Email: kris@arcadis.com

Site Contact: Julia McClafferty
 Telephone: 734-644-5131

Lab Contact: Mike DeMonico
 Telephone: 330-497-9396

Sample Information:
 Sampler Name: *Andrew Bant*
 Method of Shipment/Carrier:
 Shipping/Tracking No:

Sample Identification	Sample Date	Sample Time	Matrix				Containers & Preservatives				Filtered Sample (Y/N)	Composite=C/Grab=G	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	COCs	
			Air	Aqueous	Sediment	Solid	Other:	H2SO4	HNO3	HCl											NaOH
TRIP BLANK_24	---	---	X					1													1 Trip Blank
MW-965-11012A	11/12/21	1532	X					G													3 VOAs for 8260B 3 VOAs for 8260B SIM
MW-965-MS-11012I	11/12/21	1532	X					G													RUC MS/MSD
MW-965-MSD-11012I	11/12/21	1532	X					G													RUC MS/MSD



Possible Hazard Identification
 Non-Hazard Flammable Corrosive Irritant Unknown

Special Instructions/OC Requirements & Comments:
 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return to Client Disposal By Lab Archive For _____ Months

Submit all results through Cadena at jtomalia@cadena.com. Cadena #E203631
 Level IV Reporting requested.

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
<i>Andrew Bant</i>	Arcadis	11/12/21 1640	<i>Novi Lab Storage</i>	Arcadis	11/12/21 1640
<i>Janice Bant</i>	ARCADIS	11/31/21 10940	<i>Novi Lab</i>	ETA	11/3/21 946
<i>Janice Bant</i>	ETA	11/3/21 1006	<i>Mansday Block</i>	ETA	11-4-21 8:00



Eurofins TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 159310

Client Arcadis Site Name _____ Cooler unpacked by: Mandy Black
 Cooler Received on 11-4-21 Opened on 11-4-21
 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-14 (CF +0.1 °C) Observed Cooler Temp. 0.9 °C Corrected Cooler Temp. 1.0 °C
 IR GUN #IR-15 (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 _____ 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)? Yes No
 10. Were correct bottle(s) used for the test(s) indicated? Yes No
 11. Sufficient quantity received to perform indicated analyses? YME Yes No
 12. Are these work share samples and all listed on the COC? 11-4-21 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
 15. Were air bubbles >6 mm in any VOA vials? ● ← Larger than this. Yes No NA
 16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes No
 17. Was a LL Hg or Me Hg trip blank present? Yes No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other
 Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES additional next page Samples processed by: _____
The TB is not logged for SIM due to insufficient volume.
YME - 11-4-21

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: _____

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

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