

ANALYTICAL REPORT

PREPARED FOR

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Generated 2/27/2025 7:08:16 AM

JOB DESCRIPTION

Ford LTP

JOB NUMBER

240-219305-1

Eurofins Cleveland

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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Definitions/Glossary

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-219305-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
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.

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 US Inc.
Project: Ford LTP

Job ID: 240-219305-1

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Job Narrative 240-219305-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 2/22/2025 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 time was 1.2°C.

GC/MS VOA

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

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Method Summary

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-219305-1

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-219305-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-219305-1	TRIP BLANK_145	Water	02/20/25 00:00	02/22/25 08:00
240-219305-2	MW-02_022025	Water	02/20/25 10:30	02/22/25 08:00
240-219305-3	DUP-01	Water	02/20/25 00:00	02/22/25 08:00
240-219305-4	MW-54_022025	Water	02/20/25 12:35	02/22/25 08:00
240-219305-5	MW-67_022025	Water	02/20/25 14:25	02/22/25 08:00
240-219305-6	MW-64_022025	Water	02/20/25 15:30	02/22/25 08:00

Detection Summary

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-219305-1

Client Sample ID: TRIP BLANK_145

Lab Sample ID: 240-219305-1

No Detections.

Client Sample ID: MW-02_022025

Lab Sample ID: 240-219305-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	4.8		2.0	0.86	ug/L	1		8260D SIM	Total/NA
cis-1,2-Dichloroethene	6000	F2 F1	100	46	ug/L	100		8260D	Total/NA
trans-1,2-Dichloroethene	990	F2	100	51	ug/L	100		8260D	Total/NA
Vinyl chloride	320		100	45	ug/L	100		8260D	Total/NA

Client Sample ID: DUP-01

Lab Sample ID: 240-219305-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	4.5		2.0	0.86	ug/L	1		8260D SIM	Total/NA
cis-1,2-Dichloroethene	4900		200	92	ug/L	200		8260D	Total/NA
trans-1,2-Dichloroethene	690		200	100	ug/L	200		8260D	Total/NA
Vinyl chloride	270		200	90	ug/L	200		8260D	Total/NA

Client Sample ID: MW-54_022025

Lab Sample ID: 240-219305-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	1.8	J	2.0	0.86	ug/L	1		8260D SIM	Total/NA
Vinyl chloride	0.95	J	1.0	0.45	ug/L	1		8260D	Total/NA

Client Sample ID: MW-67_022025

Lab Sample ID: 240-219305-5

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	33		1.0	0.44	ug/L	1		8260D	Total/NA

Client Sample ID: MW-64_022025

Lab Sample ID: 240-219305-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.1		1.0	0.46	ug/L	1		8260D	Total/NA
Vinyl chloride	3.6		1.0	0.45	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-219305-1

Client Sample ID: TRIP BLANK_145

Lab Sample ID: 240-219305-1

Date Collected: 02/20/25 00:00

Matrix: Water

Date Received: 02/22/25 08:00

Method: SW846 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			02/25/25 11:56	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/25/25 11:56	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/25/25 11:56	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/25/25 11:56	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/25/25 11:56	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/25/25 11:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		62 - 137		02/25/25 11:56	1
4-Bromofluorobenzene (Surr)	99		56 - 136		02/25/25 11:56	1
Toluene-d8 (Surr)	100		78 - 122		02/25/25 11:56	1
Dibromofluoromethane (Surr)	101		73 - 120		02/25/25 11:56	1

Client Sample Results

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-219305-1

Client Sample ID: MW-02_022025

Lab Sample ID: 240-219305-2

Date Collected: 02/20/25 10:30

Matrix: Water

Date Received: 02/22/25 08:00

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	4.8		2.0	0.86	ug/L			02/25/25 19:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		68 - 127					02/25/25 19:53	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	100	U	100	49	ug/L			02/25/25 14:13	100
cis-1,2-Dichloroethene	6000	F2 F1	100	46	ug/L			02/25/25 14:13	100
Tetrachloroethene	100	U	100	44	ug/L			02/25/25 14:13	100
trans-1,2-Dichloroethene	990	F2	100	51	ug/L			02/25/25 14:13	100
Trichloroethene	100	U F2	100	44	ug/L			02/25/25 14:13	100
Vinyl chloride	320		100	45	ug/L			02/25/25 14:13	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		62 - 137					02/25/25 14:13	100
4-Bromofluorobenzene (Surr)	96		56 - 136					02/25/25 14:13	100
Toluene-d8 (Surr)	81		78 - 122					02/25/25 14:13	100
Dibromofluoromethane (Surr)	114		73 - 120					02/25/25 14:13	100

Client Sample Results

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-219305-1

Client Sample ID: DUP-01

Lab Sample ID: 240-219305-3

Date Collected: 02/20/25 00:00

Matrix: Water

Date Received: 02/22/25 08:00

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	4.5		2.0	0.86	ug/L			02/25/25 20:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		68 - 127					02/25/25 20:17	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	200	U	200	98	ug/L			02/25/25 14:41	200
cis-1,2-Dichloroethene	4900		200	92	ug/L			02/25/25 14:41	200
Tetrachloroethene	200	U	200	88	ug/L			02/25/25 14:41	200
trans-1,2-Dichloroethene	690		200	100	ug/L			02/25/25 14:41	200
Trichloroethene	200	U	200	88	ug/L			02/25/25 14:41	200
Vinyl chloride	270		200	90	ug/L			02/25/25 14:41	200
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		62 - 137					02/25/25 14:41	200
4-Bromofluorobenzene (Surr)	97		56 - 136					02/25/25 14:41	200
Toluene-d8 (Surr)	102		78 - 122					02/25/25 14:41	200
Dibromofluoromethane (Surr)	96		73 - 120					02/25/25 14:41	200

Client Sample Results

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-219305-1

Client Sample ID: MW-54_022025

Lab Sample ID: 240-219305-4

Date Collected: 02/20/25 12:35

Matrix: Water

Date Received: 02/22/25 08:00

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.8	J	2.0	0.86	ug/L			02/25/25 20:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		68 - 127					02/25/25 20:40	1

Method: SW846 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			02/25/25 15:08	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/25/25 15:08	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/25/25 15:08	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/25/25 15:08	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/25/25 15:08	1
Vinyl chloride	0.95	J	1.0	0.45	ug/L			02/25/25 15:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		62 - 137					02/25/25 15:08	1
4-Bromofluorobenzene (Surr)	94		56 - 136					02/25/25 15:08	1
Toluene-d8 (Surr)	112		78 - 122					02/25/25 15:08	1
Dibromofluoromethane (Surr)	104		73 - 120					02/25/25 15:08	1

Client Sample Results

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-219305-1

Client Sample ID: MW-67_022025

Lab Sample ID: 240-219305-5

Date Collected: 02/20/25 14:25

Matrix: Water

Date Received: 02/22/25 08:00

Method: SW846 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			02/25/25 21:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		68 - 127					02/25/25 21:04	1

Method: SW846 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			02/25/25 15:35	1
cis-1,2-Dichloroethene	1.0		1.0	0.46	ug/L			02/25/25 15:35	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/25/25 15:35	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/25/25 15:35	1
Trichloroethene	33		1.0	0.44	ug/L			02/25/25 15:35	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/25/25 15:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		62 - 137					02/25/25 15:35	1
4-Bromofluorobenzene (Surr)	94		56 - 136					02/25/25 15:35	1
Toluene-d8 (Surr)	97		78 - 122					02/25/25 15:35	1
Dibromofluoromethane (Surr)	101		73 - 120					02/25/25 15:35	1

Client Sample Results

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-219305-1

Client Sample ID: MW-64_022025

Lab Sample ID: 240-219305-6

Date Collected: 02/20/25 15:30

Matrix: Water

Date Received: 02/22/25 08:00

Method: SW846 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			02/25/25 21:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		68 - 127					02/25/25 21:27	1

Method: SW846 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			02/25/25 16:03	1
cis-1,2-Dichloroethene	1.1		1.0	0.46	ug/L			02/25/25 16:03	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/25/25 16:03	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/25/25 16:03	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/25/25 16:03	1
Vinyl chloride	3.6		1.0	0.45	ug/L			02/25/25 16:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		62 - 137					02/25/25 16:03	1
4-Bromofluorobenzene (Surr)	96		56 - 136					02/25/25 16:03	1
Toluene-d8 (Surr)	82		78 - 122					02/25/25 16:03	1
Dibromofluoromethane (Surr)	100		73 - 120					02/25/25 16:03	1

Surrogate Summary

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-219305-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (62-137)	BFB (56-136)	TOL (78-122)	DBFM (73-120)
240-219305-1	TRIP BLANK_145	102	99	100	101
240-219305-2	MW-02_022025	120	96	81	114
240-219305-2 MS	MW-02_022025	113	96	100	120
240-219305-2 MSD	MW-02_022025	108	97	100	97
240-219305-3	DUP-01	96	97	102	96
240-219305-4	MW-54_022025	114	94	112	104
240-219305-5	MW-67_022025	109	94	97	101
240-219305-6	MW-64_022025	114	96	82	100
LCS 240-645938/5	Lab Control Sample	94	95	100	99
MB 240-645938/9	Method Blank	104	96	116	98

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (68-127)			
240-219305-2	MW-02_022025	103			
240-219305-3	DUP-01	101			
240-219305-4	MW-54_022025	101			
240-219305-5	MW-67_022025	102			
240-219305-6	MW-64_022025	102			
240-219307-B-3 MS	Matrix Spike	96			
240-219307-B-3 MSD	Matrix Spike Duplicate	98			
LCS 240-646026/5	Lab Control Sample	100			
MB 240-646026/7	Method Blank	99			

Surrogate Legend

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

QC Sample Results

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-219305-1

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

Lab Sample ID: MB 240-645938/9

Matrix: Water

Analysis Batch: 645938

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			02/25/25 11:28	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/25/25 11:28	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/25/25 11:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/25/25 11:28	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/25/25 11:28	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/25/25 11:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		62 - 137		02/25/25 11:28	1
4-Bromofluorobenzene (Surr)	96		56 - 136		02/25/25 11:28	1
Toluene-d8 (Surr)	116		78 - 122		02/25/25 11:28	1
Dibromofluoromethane (Surr)	98		73 - 120		02/25/25 11:28	1

Lab Sample ID: LCS 240-645938/5

Matrix: Water

Analysis Batch: 645938

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	20.0	20.4		ug/L		102	63 - 134
cis-1,2-Dichloroethene	20.0	20.5		ug/L		102	77 - 123
Tetrachloroethene	20.0	19.4		ug/L		97	76 - 123
trans-1,2-Dichloroethene	20.0	20.4		ug/L		102	75 - 124
Trichloroethene	20.0	20.0		ug/L		100	70 - 122
Vinyl chloride	20.0	24.7		ug/L		124	60 - 144

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		62 - 137
4-Bromofluorobenzene (Surr)	95		56 - 136
Toluene-d8 (Surr)	100		78 - 122
Dibromofluoromethane (Surr)	99		73 - 120

Lab Sample ID: 240-219305-2 MS

Matrix: Water

Analysis Batch: 645938

Client Sample ID: MW-02_022025

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	100	U	2000	2010		ug/L		101	56 - 135
cis-1,2-Dichloroethene	6000	F2 F1	2000	7980		ug/L		99	66 - 128
Tetrachloroethene	100	U	2000	1700		ug/L		85	62 - 131
trans-1,2-Dichloroethene	990	F2	2000	3090		ug/L		105	56 - 136
Trichloroethene	100	U F2	2000	1770		ug/L		88	61 - 124
Vinyl chloride	320		2000	2390		ug/L		103	43 - 157

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	113		62 - 137
4-Bromofluorobenzene (Surr)	96		56 - 136
Toluene-d8 (Surr)	100		78 - 122

Eurofins Cleveland

QC Sample Results

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-219305-1

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

Lab Sample ID: 240-219305-2 MS

Matrix: Water

Analysis Batch: 645938

Client Sample ID: MW-02_022025

Prep Type: Total/NA

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

Lab Sample ID: 240-219305-2 MSD

Matrix: Water

Analysis Batch: 645938

Client Sample ID: MW-02_022025

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	100	U	2000	1900		ug/L		95	56 - 135	6	26
cis-1,2-Dichloroethene	6000	F2 F1	2000	6050	F2 F1	ug/L		3	66 - 128	27	14
Tetrachloroethene	100	U	2000	1890		ug/L		94	62 - 131	10	20
trans-1,2-Dichloroethene	990	F2	2000	2590	F2	ug/L		80	56 - 136	18	15
Trichloroethene	100	U F2	2000	2080	F2	ug/L		104	61 - 124	16	15
Vinyl chloride	320		2000	2210		ug/L		94	43 - 157	8	24

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	108		62 - 137
4-Bromofluorobenzene (Surr)	97		56 - 136
Toluene-d8 (Surr)	100		78 - 122
Dibromofluoromethane (Surr)	97		73 - 120

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

Lab Sample ID: MB 240-646026/7

Matrix: Water

Analysis Batch: 646026

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			02/25/25 14:48	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1,2-Dichloroethane-d4 (Surr)	99		68 - 127		02/25/25 14:48	1			

Lab Sample ID: LCS 240-646026/5

Matrix: Water

Analysis Batch: 646026

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	8.74		ug/L		87	75 - 121

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		68 - 127

Lab Sample ID: 240-219307-B-3 MS

Matrix: Water

Analysis Batch: 646026

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	9.84		ug/L		98	20 - 180

Eurofins Cleveland

QC Sample Results

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-219305-1

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

		MS	MS									
Surrogate	%Recovery	Qualifier	Limits									
1,2-Dichloroethane-d4 (Surr)	96		68 - 127									
Lab Sample ID: 240-219307-B-3 MSD				Client Sample ID: Matrix Spike Duplicate								
Matrix: Water				Prep Type: Total/NA								
Analysis Batch: 646026												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
1,4-Dioxane	2.0	U	10.0	9.94		ug/L		99	20 - 180	1	20	
		MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits									
1,2-Dichloroethane-d4 (Surr)	98		68 - 127									

QC Association Summary

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-219305-1

GC/MS VOA

Analysis Batch: 645938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-219305-1	TRIP BLANK_145	Total/NA	Water	8260D	
240-219305-2	MW-02_022025	Total/NA	Water	8260D	
240-219305-3	DUP-01	Total/NA	Water	8260D	
240-219305-4	MW-54_022025	Total/NA	Water	8260D	
240-219305-5	MW-67_022025	Total/NA	Water	8260D	
240-219305-6	MW-64_022025	Total/NA	Water	8260D	
MB 240-645938/9	Method Blank	Total/NA	Water	8260D	
LCS 240-645938/5	Lab Control Sample	Total/NA	Water	8260D	
240-219305-2 MS	MW-02_022025	Total/NA	Water	8260D	
240-219305-2 MSD	MW-02_022025	Total/NA	Water	8260D	

Analysis Batch: 646026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-219305-2	MW-02_022025	Total/NA	Water	8260D SIM	
240-219305-3	DUP-01	Total/NA	Water	8260D SIM	
240-219305-4	MW-54_022025	Total/NA	Water	8260D SIM	
240-219305-5	MW-67_022025	Total/NA	Water	8260D SIM	
240-219305-6	MW-64_022025	Total/NA	Water	8260D SIM	
MB 240-646026/7	Method Blank	Total/NA	Water	8260D SIM	
LCS 240-646026/5	Lab Control Sample	Total/NA	Water	8260D SIM	
240-219307-B-3 MS	Matrix Spike	Total/NA	Water	8260D SIM	
240-219307-B-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D SIM	

Lab Chronicle

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-219305-1

Client Sample ID: TRIP BLANK_145

Lab Sample ID: 240-219305-1

Date Collected: 02/20/25 00:00

Matrix: Water

Date Received: 02/22/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	645938	HMB	EET CLE	02/25/25 11:56

Client Sample ID: MW-02_022025

Lab Sample ID: 240-219305-2

Date Collected: 02/20/25 10:30

Matrix: Water

Date Received: 02/22/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		100	645938	HMB	EET CLE	02/25/25 14:13
Total/NA	Analysis	8260D SIM		1	646026	R5XG	EET CLE	02/25/25 19:53

Client Sample ID: DUP-01

Lab Sample ID: 240-219305-3

Date Collected: 02/20/25 00:00

Matrix: Water

Date Received: 02/22/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		200	645938	HMB	EET CLE	02/25/25 14:41
Total/NA	Analysis	8260D SIM		1	646026	R5XG	EET CLE	02/25/25 20:17

Client Sample ID: MW-54_022025

Lab Sample ID: 240-219305-4

Date Collected: 02/20/25 12:35

Matrix: Water

Date Received: 02/22/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	645938	HMB	EET CLE	02/25/25 15:08
Total/NA	Analysis	8260D SIM		1	646026	R5XG	EET CLE	02/25/25 20:40

Client Sample ID: MW-67_022025

Lab Sample ID: 240-219305-5

Date Collected: 02/20/25 14:25

Matrix: Water

Date Received: 02/22/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	645938	HMB	EET CLE	02/25/25 15:35
Total/NA	Analysis	8260D SIM		1	646026	R5XG	EET CLE	02/25/25 21:04

Client Sample ID: MW-64_022025

Lab Sample ID: 240-219305-6

Date Collected: 02/20/25 15:30

Matrix: Water

Date Received: 02/22/25 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	645938	HMB	EET CLE	02/25/25 16:03
Total/NA	Analysis	8260D SIM		1	646026	R5XG	EET CLE	02/25/25 21:27

Laboratory References:

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

Eurofins Cleveland

Accreditation/Certification Summary

Client: Arcadis US Inc.
Project/Site: Ford LTP

Job ID: 240-219305-1

Laboratory: Eurofins Cleveland

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	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kansas	NELAP	E-10336	01-31-26
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-31-25
Minnesota	NELAP	039-999-348	12-31-25
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio	State	8303	11-04-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-25
Wisconsin	State	399167560	08-31-25

TestAmerica Laboratory location: Farmington Hills — 38855 Hills Tech Drive, Suite 600, Farmington Hills 48331

[illegible]

Eurofins - Cleveland Sample Receipt Form/Narrative		Login # _____
Barberton Facility		
Client <u>ARCADIS</u>	Site Name _____	Cooler unpacked by <u>JMOROSKO</u>
Cooler Received on <u>2/22/25</u>	Opened on <u>2/22/25</u>	
FedEx, 1st Grd Exp <u>UPS FAS Waypoint</u>	Client Drop Off _____	Other _____
Receipt After-hours _____	Drop-off Date/Time _____	Storage Location _____
Eurofins Cooler # <u>2C</u>	Foam Box _____	Client Cooler _____
Packing material used. <u>Bubbles Wrap</u>	Foam _____	Plastic Bag _____
COOLANT. <u>Wet Ice</u>	Blue Ice _____	Dry Ice _____
	Water _____	None _____
1 Cooler temperature upon receipt _____	☐ See Multiple Cooler Form	
IR GUN # <u>21</u>	(CF +1.1 °C)	Observed Cooler Temp. <u>0.1</u> °C
		Corrected Cooler Temp. <u>1.2</u> °C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity <u>1</u> Yes ☒ No ☐ NA ☐ -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 ☐ NA ☐ 4. Did custody papers accompany the sample(s)? Yes ☒ No ☐ NA ☐ 5. Were the custody papers relinquished & signed in the appropriate place? Yes ☒ No ☐ NA ☐ 6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes ☒ No ☐ NA ☐ 7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐ NA ☐ 8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes ☒ No ☐ NA ☐ 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 ☐ NA ☐ 10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐ NA ☐ 11. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐ NA ☐ 12. Are these work share samples and all listed on the COC? Yes ☒ No ☐ NA ☐ 13. If yes, Questions 13-17 have been checked at the originating laboratory 14. Were all preserved sample(s) at the correct pH upon receipt? Yes ☒ No ☐ NA ☐ pH Strip Lot# <u>HC448976</u> 15. Were VOAAs on the COC? Yes ☒ No ☐ NA ☐ 16. Were air bubbles >6 mm in any VOA vials? Yes ☒ No ☐ NA ☐ Larger than this. 17. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # <u>63271</u> 18. Was a LL Hg or Me Hg trip blank present? Yes ☒ No ☐ NA ☐		
Contacted PM _____ Date _____ by _____ via <u>Verbal Voice Mail</u> 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 _____		

2/22/2025

Login Container Summary Report

240-219305

Temperature readings.

Client Sample ID	Lab ID	Container Type	Container pH	Preservation Temp	Preservation Added	Preservation Lot Number
TRIP BLANK_145	240-219305-A-1	Voa Vial 40ml - Hydrochloric Acid				
MW-02_022025	240-219305-A-2	Voa Vial 40ml - Hydrochloric Acid				
MW-02_022025	240-219305-B-2	Voa Vial 40ml - Hydrochloric Acid				
MW-02_022025	240-219305-C-2	Voa Vial 40ml - Hydrochloric Acid				
MW-02_022025	240-219305-D-2	Voa Vial 40ml - Hydrochloric Acid				
MW-02_022025	240-219305-E-2	Voa Vial 40ml - Hydrochloric Acid				
MW-02_022025	240-219305-F-2	Voa Vial 40ml - Hydrochloric Acid				
DUP-01	240-219305-A-3	Voa Vial 40ml - Hydrochloric Acid				
DUP-01	240-219305-B-3	Voa Vial 40ml - Hydrochloric Acid				
DUP-01	240-219305-C-3	Voa Vial 40ml - Hydrochloric Acid				
DUP-01	240-219305-D-3	Voa Vial 40ml - Hydrochloric Acid				
DUP-01	240-219305-E-3	Voa Vial 40ml - Hydrochloric Acid				
DUP-01	240-219305-F-3	Voa Vial 40ml - Hydrochloric Acid				
MW-54_022025	240-219305-A-4	Voa Vial 40ml - Hydrochloric Acid				
MW-54_022025	240-219305-B-4	Voa Vial 40ml - Hydrochloric Acid				
MW-54_022025	240-219305-C-4	Voa Vial 40ml - Hydrochloric Acid				
MW-54_022025	240-219305-D-4	Voa Vial 40ml - Hydrochloric Acid				
MW-54_022025	240-219305-E-4	Voa Vial 40ml - Hydrochloric Acid				
MW-54_022025	240-219305-F-4	Voa Vial 40ml - Hydrochloric Acid				
MW-67_022025	240-219305-A-5	Voa Vial 40ml - Hydrochloric Acid				
MW-67_022025	240-219305-B-5	Voa Vial 40ml - Hydrochloric Acid				
MW-67_022025	240-219305-C-5	Voa Vial 40ml - Hydrochloric Acid				
MW-67_022025	240-219305-D-5	Voa Vial 40ml - Hydrochloric Acid				
MW-67_022025	240-219305-E-5	Voa Vial 40ml - Hydrochloric Acid				
MW-67_022025	240-219305-F-5	Voa Vial 40ml - Hydrochloric Acid				
MW-64-022025	240-219305-A-6	Voa Vial 40ml - Hydrochloric Acid				
MW-64-022025	240-219305-B-6	Voa Vial 40ml - Hydrochloric Acid				
MW-64-022025	240-219305-C-6	Voa Vial 40ml - Hydrochloric Acid				
MW-64-022025	240-219305-D-6	Voa Vial 40ml - Hydrochloric Acid				
MW-64-022025	240-219305-E-6	Voa Vial 40ml - Hydrochloric Acid				
MW-64-022025	240-219305-F-6	Voa Vial 40ml - Hydrochloric Acid				

DATA VERIFICATION REPORT



February 27, 2025

Megan Meckley
Arcadis
28550 Cabot Drive
Suite 500
Novi, MI US 48377

CADENA project ID: E203728

Project: Ford Livonia Transmission Plant - ON-SITE Soil Gas, Ground Water and Soil

Project number: 30251157.401.04 (vapor 301.04) 30206169.0401.04

Event Specific Scope of Work References: Sample COC

Laboratory: Eurofins Environment Testing LLC - Cleveland

Laboratory submittal: 219305-1

Sample date: 2025-02-20

Report received by CADENA: 2025-02-27

Initial Data Verification completed by CADENA: 2025-02-27

Number of Samples:6

Sample Matrices:Water

Test Categories:GCMS VOC

Please see attached criteria report or sample result/qualified analytical result summary for qualifier flags assigned to sample data.

The following minor QC exceptions or missing information were noted:

MSD - GCMS VOC sample -002 MS and MSD recovery outliers or one recovery along with the MS/MSD RPD were outliers with the recovery biased low for the following analyte: CIS-1,2-DICHLOROETHENE. Client sample results for these analytes should be considered to be estimated and qualified with a J flag if detected. RPD only outliers for TRANS-1,2-DICHLOROETHENE and TRICHLOROETHENE did not result in qualification of data.

Sample/MS/MSD Surrogate Recovery, Blank/LCS Surrogate Recovery, LCS/LCD Recovery, MS/MSD Recovery, MS/MSD RPD, Blank Contamination and Hold Time Exception were reviewed as part of our verification.

Data verification for the report specified above was completed using the Ford Motor Company Environmental Laboratory Technical Specification, the CADENA Standard Operating Procedure for the Verification of Environmental Analytical Data and the associated analytical methods as references for evaluating the batch QC, sample data and report content. The EPA National Functional Guidelines for validating organic and inorganic data were used as guidance when addressing out of control QC results and the associated data qualifiers.

Analytical results reported between RDL and MDL are flagged 'J' and considered estimated values.

The definitions of the qualifiers used for this data package are defined in the analytical report. CADENA valid qualifiers are defined in the table below. To view and download a PDF copy of the laboratory analytical report access the CADENA CLMS at <http://clms.cadenaco.com/index.cfm>.

Please contact me if you have any questions.

Sincerely,

Jim Tomalia

Project Scientist

CADENA Inc, 1099 Highland Drive, Suite E, Ann Arbor, MI 48108 517-819-0356

CADENA Valid Qualifiers

Valid Qualifiers	Description
<	Less than the reported concentration.
>	Greater than the reported concentration.
B	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was greater than the RDL and less than 5x (or 10x for common lab contaminants) the blank concentration and is considered non-detect at the reported concentration. For Inorganic methods the sample concentration was greater than the RDL and less than 10x the blank concentration and is considered non-detect at the reported concentration.
E	The analyte / Compound reported exceeds the calibration range and is considered estimated.
EMPC	Estimated Minimum Potential Contamination - Dioxin/Furan analyses only.
J	Indicates an estimated value. This flag is used either when estimating a concentration for a tentatively identified compound or when the data indicates the presence of an analyte / compound but the result is less than the sample Quantitation limit, but greater than zero. The flag is also used in data validation to indicate a reported value should be considered estimated due to associated quality assurance deficiencies.
J-	The result is an estimated quantity, but the result may be biased low.
JB	NON-DETECT AT THE CONCENTRATION REPORTED AND ESTIMATED
JH	The sample result is considered estimated and is potentially biased high.
JL	The sample result is considered estimated and is potentially biased low.
JUB	NON-DETECT AT THE REPORTING LIMIT AND ESTIMATED
NJ	Tentatively identified compound with approximated concentration.
R	Indicates the value is considered to be unusable. (Note: The analyte / compound may or may not be present.)
TNTC	Too Numerous to Count - Asbestos and Microbiological Results.
U	Indicates that the analyte / compound was analyzed for, but not detected.
UB	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was less than the RDL and less than 5x (or 10x for common lab contaminants) the blank concentration and is considered non-detect at the RDL. For Inorganic methods the sample concentration was less than the RDL and less than 10x the blank concentration and is considered non-detect at the RDL.
UJ	The analyte / compound was not detected above the reported sample Quantitation limit. However, the Quantitation limit is considered to be approximate due to associated quality assurance results and may or may not represent the actual limit of Quantitation to accurately and precisely report the analyte in the sample.

Qualified Results Summary

CADENA Project ID: E203728
Laboratory: Eurofins Environment Testing LLC - Cleveland
Laboratory Submittal: 219305-1

Sample Name: MW-02_022025
Lab Sample ID: 2402193052
Sample Date: 2/20/2025

Analyte	Cas No.	Result	Report	Units	Valid
			Limit		Qualifier
GC/MS VOC					
OSW-8260D					
cis-1,2-Dichloroethene	156-59-2	6000	100	ug/l	J

Analytical Results Summary

CADENA Project ID: E203728
Laboratory: Eurofins Environment Testing LLC - Cleveland
Laboratory Submittal: 219305-1

		Sample Name: TRIP BLANK_145					MW-02_022025			DUP-01			MW-54_022025			MW-67_022025			MW-64_022025						
		Lab Sample ID: 2402193051					2402193052			2402193053			2402193054			2402193055			2402193056						
		Sample Date: 2/20/2025					2/20/2025			2/20/2025			2/20/2025			2/20/2025			2/20/2025						
Analyte	Cas No.	Report			Valid	Report			Valid	Report			Valid	Report			Valid	Report			Valid	Report			Valid
		Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier
GC/MS VOC																									
OSW-8260D																									
1,1-Dichloroethene	75-35-4	ND	1.0	ug/l	---	ND	100	ug/l	---	ND	200	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
cis-1,2-Dichloroethene	156-59-2	ND	1.0	ug/l	---	6000	100	ug/l	J	4900	200	ug/l	---	ND	1.0	ug/l	---	1.0	1.0	ug/l	---	1.1	1.0	ug/l	---
Tetrachloroethene	127-18-4	ND	1.0	ug/l	---	ND	100	ug/l	---	ND	200	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
trans-1,2-Dichloroethene	156-60-5	ND	1.0	ug/l	---	990	100	ug/l	---	690	200	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Trichloroethene	79-01-6	ND	1.0	ug/l	---	ND	100	ug/l	---	ND	200	ug/l	---	ND	1.0	ug/l	---	33	1.0	ug/l	---	ND	1.0	ug/l	---
Vinyl chloride	75-01-4	ND	1.0	ug/l	---	320	100	ug/l	---	270	200	ug/l	---	0.95	1.0	ug/l	J	ND	1.0	ug/l	---	3.6	1.0	ug/l	---
OSW-8260DSIM																									
1,4-Dioxane	123-91-1					4.8	2.0	ug/l	---	4.5	2.0	ug/l	---	1.8	2.0	ug/l	J	ND	2.0	ug/l	---	ND	2.0	ug/l	---