PREPARED FOR

Attn: Ms. Megan Meckley Arcadis US Inc. 28550 Cabot Drive Suite 500 Novi, Michigan 48377

Generated 5/19/2025 7:28:59 AM

JOB DESCRIPTION

Ford LTP

JOB NUMBER

240-224129-1

Eurofins Cleveland 180 S. Van Buren Avenue Barberton OH 44203

Eurofins Cleveland

Job Notes

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Authorization

Generated 5/19/2025 7:28:59 AM

Authorized for release by Michael DelMonico, Project Manager I Michael.DelMonico@et.eurofinsus.com (330)966-9783 Client: Arcadis US Inc. Project/Site: Ford LTP

Laboratory Job ID: 240-224129-1

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Definitions/Glossary

Client: Arcadis US Inc. Job ID: 240-224129-1

Project/Site: Ford LTP

Qualifiers GC/MS VOA

Qualifier **Qualifier Description**

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) Estimated Detection Limit (Dioxin) EDL

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

Not Detected at the reporting limit (or MDL or EDL if shown) ND

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) Toxicity Equivalent Quotient (Dioxin) **TEQ**

TNTC Too Numerous To Count

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Case Narrative

Client: Arcadis US Inc. Project: Ford LTP

Job ID: 240-224129-1 Eurofins Cleveland

Job Narrative 240-224129-1

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 5/9/2025 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.5°C, 2.0°C and 2.1°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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Job ID: 240-224129-1

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Method Summary

Client: Arcadis US Inc.

Project/Site: Ford LTP

Job ID: 240-224129-1

| 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

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Sample Summary

Client: Arcadis US Inc.

Project/Site: Ford LTP

Job ID: 240-224129-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---------------|------------------|--------|----------------|----------------|
| 240-224129-1 | TRIP BLANK_51 | Water | 05/06/25 00:00 | 05/09/25 08:00 |
| 240-224129-2 | MW-75D_050625 | Water | 05/06/25 14:50 | 05/09/25 08:00 |
| 240-224129-3 | MW-75SR_050625 | Water | 05/06/25 15:50 | 05/09/25 08:00 |
| 240-224129-4 | DUP-08 | Water | 05/06/25 00:00 | 05/09/25 08:00 |
| 240-224129-5 | DUP-09 | Water | 05/06/25 00:00 | 05/09/25 08:00 |

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Detection Summary

Client: Arcadis US Inc. Job ID: 240-224129-1

Project/Site: Ford LTP

Client Sample ID: TRIP BLANK_51 Lab Sample ID: 240-224129-1

No Detections.

Client Sample ID: MW-75D_050625 Lab Sample ID: 240-224129-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|----------------|--------|-----------|-----|------|------|---------|---|-----------|-----------|
| 1,4-Dioxane | 2.9 | | 2.0 | 0.86 | ug/L | 1 | _ | 8260D SIM | Total/NA |
| Vinyl chloride | 1.6 | | 1.0 | 0.45 | ug/L | 1 | | 8260D | Total/NA |

Client Sample ID: MW-75SR_050625 Lab Sample ID: 240-224129-3

No Detections.

Client Sample ID: DUP-08 Lab Sample ID: 240-224129-4

No Detections.

Client Sample ID: DUP-09 Lab Sample ID: 240-224129-5

| Analyte | Result Qualifier | RL M | DL Unit | Dil Fac D | Method | Prep Type |
|----------------|------------------|-------|----------|-----------|-----------|-----------|
| 1,4-Dioxane | 2.8 | 2.0 | .86 ug/L | 1 | 8260D SIM | Total/NA |
| Vinyl chloride | 1.9 | 1.0 0 | .45 ug/L | 1 | 8260D | Total/NA |

This Detection Summary does not include radiochemical test results.

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Client: Arcadis US Inc. Job ID: 240-224129-1

Project/Site: Ford LTP

Date Received: 05/09/25 08:00

Client Sample ID: TRIP BLANK_51

Lab Sample ID: 240-224129-1 Date Collected: 05/06/25 00:00

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS Result Qualifier RLMDL Unit D Prepared Analyzed Dil Fac 1.0 1,1-Dichloroethene 1.0 U 0.49 ug/L 05/15/25 15:53 cis-1,2-Dichloroethene 1.0 U 1.0 0.46 ug/L 05/15/25 15:53 Tetrachloroethene 1.0 U 1.0 0.44 ug/L 05/15/25 15:53 trans-1,2-Dichloroethene 1.0 U 1.0 0.51 ug/L 05/15/25 15:53 Trichloroethene 1.0 U 1.0 0.44 ug/L 05/15/25 15:53 Vinyl chloride 0.45 ug/L 1.0 U 1.0 05/15/25 15:53 %Recovery Qualifier Surrogate Limits Prepared Analyzed Dil Fac 1,2-Dichloroethane-d4 (Surr) 104 62 - 137 05/15/25 15:53 4-Bromofluorobenzene (Surr) 85 05/15/25 15:53 56 - 136 78 - 122 05/15/25 15:53 Toluene-d8 (Surr) 94 Dibromofluoromethane (Surr) 103 73 - 120 05/15/25 15:53

Client: Arcadis US Inc. Job ID: 240-224129-1

Project/Site: Ford LTP

Client Sample ID: MW-75D_050625

Lab Sample ID: 240-224129-2 Date Collected: 05/06/25 14:50

Matrix: Water

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|------|---|----------|----------------|---------|
| 1,4-Dioxane | 2.9 | | 2.0 | 0.86 | ug/L | | | 05/15/25 04:45 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1.2-Dichloroethane-d4 (Surr) | <u></u> | | 68 - 127 | | | | | 05/15/25 04:45 | 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 | | | 05/16/25 00:52 | 1 |
| cis-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.46 | ug/L | | | 05/16/25 00:52 | 1 |
| Tetrachloroethene | 1.0 | U | 1.0 | 0.44 | ug/L | | | 05/16/25 00:52 | 1 |
| trans-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.51 | ug/L | | | 05/16/25 00:52 | 1 |
| Trichloroethene | 1.0 | H | 1.0 | 0.44 | ua/l | | | 05/16/25 00:52 | 1 |

| Vinyl chloride | 1.6 | 1.0 | 0.45 ug/L | | 05/16/25 00:52 | 1 |
|------------------------------|---------------------|---------------------|-----------|----------|----------------|---------|
| Surrogate | %Recovery Qualifier | Limits | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 111 | 62 - 137 | | | 05/16/25 00:52 | 1 |
| 4-Bromofluorobenzene (Surr) | 92 | 56 ₋ 136 | | | 05/16/25 00:52 | 1 |
| Toluene-d8 (Surr) | 101 | 78 - 122 | | | 05/16/25 00:52 | 1 |
| Dibromofluoromethane (Surr) | 110 | 73 - 120 | | | 05/16/25 00:52 | 1 |

Client: Arcadis US Inc. Job ID: 240-224129-1

Project/Site: Ford LTP

Analyte

Date Received: 05/09/25 08:00

Client Sample ID: MW-75SR_050625

Lab Sample ID: 240-224129-3 Date Collected: 05/06/25 15:50

Result Qualifier

Matrix: Water

Analyzed

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|------|---|----------|----------------|---------|
| 1,4-Dioxane | 2.0 | U | 2.0 | 0.86 | ug/L | | | 05/14/25 15:27 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 82 | | 68 - 127 | | | _ | | 05/14/25 15:27 | 1 |

MDL Unit

Prepared

| = | | | | | | • | | |
|------------------------------|-----------|-----------|---------------------|------|------|----------|----------------|---------|
| 1,1-Dichloroethene | 1.0 | U | 1.0 | 0.49 | ug/L | | 05/16/25 01:15 | 1 |
| cis-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.46 | ug/L | | 05/16/25 01:15 | 1 |
| Tetrachloroethene | 1.0 | U | 1.0 | 0.44 | ug/L | | 05/16/25 01:15 | 1 |
| trans-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.51 | ug/L | | 05/16/25 01:15 | 1 |
| Trichloroethene | 1.0 | U | 1.0 | 0.44 | ug/L | | 05/16/25 01:15 | 1 |
| Vinyl chloride | 1.0 | U | 1.0 | 0.45 | ug/L | | 05/16/25 01:15 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 109 | | 62 - 137 | | | | 05/16/25 01:15 | 1 |
| 4-Bromofluorobenzene (Surr) | 90 | | 56 ₋ 136 | | | | 05/16/25 01:15 | 1 |
| Toluene-d8 (Surr) | 98 | | 78 - 122 | | | | 05/16/25 01:15 | 1 |
| Dibromofluoromethane (Surr) | 108 | | 73 - 120 | | | | 05/16/25 01:15 | 1 |

Client: Arcadis US Inc. Job ID: 240-224129-1

Project/Site: Ford LTP

Date Received: 05/09/25 08:00

Client Sample ID: DUP-08

Lab Sample ID: 240-224129-4 Date Collected: 05/06/25 00:00

Matrix: Water

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|------------------|------------|---------------------|------|------|---|----------|----------------|---------|
| 1,4-Dioxane | 2.0 | U | 2.0 | 0.86 | ug/L | | | 05/14/25 15:50 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 83 | | 68 - 127 | | | - | | 05/14/25 15:50 | 1 |
| Method: SW846 8260D - Volati | ile Organic Comp | ounds by G | SC/MS | | | | | | |
| Analyte | • | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| 1,1-Dichloroethene | 1.0 | U | 1.0 | 0.49 | ug/L | | | 05/16/25 01:38 | 1 |
| cis-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.46 | ug/L | | | 05/16/25 01:38 | 1 |
| Tetrachloroethene | 1.0 | U | 1.0 | 0.44 | ug/L | | | 05/16/25 01:38 | 1 |
| trans-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.51 | ug/L | | | 05/16/25 01:38 | 1 |
| Trichloroethene | 1.0 | U | 1.0 | 0.44 | ug/L | | | 05/16/25 01:38 | 1 |
| Vinyl chloride | 1.0 | U | 1.0 | 0.45 | ug/L | | | 05/16/25 01:38 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 105 | | 62 - 137 | | | - | | 05/16/25 01:38 | 1 |
| 4-Bromofluorobenzene (Surr) | 87 | | 56 ₋ 136 | | | | | 05/16/25 01:38 | 1 |
| Toluene-d8 (Surr) | 96 | | 78 - 122 | | | | | 05/16/25 01:38 | 1 |
| Dibromofluoromethane (Surr) | 105 | | 73 - 120 | | | | | 05/16/25 01:38 | 1 |

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Client: Arcadis US Inc. Job ID: 240-224129-1

Project/Site: Ford LTP

Client Sample ID: DUP-09 Lab Sample ID: 240-224129-5

Date Collected: 05/06/25 00:00 Matrix: Water

Date Received: 05/09/25 08:00

4-Bromofluorobenzene (Surr)

Dibromofluoromethane (Surr)

Toluene-d8 (Surr)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|-----------|-----------|----------|------|------|---|----------|----------------|---------|
| 1,4-Dioxane | 2.8 | | 2.0 | 0.86 | ug/L | | | 05/14/25 16:13 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 77 | | 68 - 127 | | | _ | | 05/14/25 16:13 | 1 |
| Method: SW846 8260D - Volat Analyte | | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| | | = | | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| 1,1-Dichloroethene | 1.0 | U | 1.0 | 0.49 | ug/L | | | 05/16/25 02:02 | 1 |
| cis-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.46 | ug/L | | | 05/16/25 02:02 | 1 |
| Tetrachloroethene | 1.0 | U | 1.0 | 0.44 | ug/L | | | 05/16/25 02:02 | 1 |
| trans-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.51 | ug/L | | | 05/16/25 02:02 | 1 |
| Trichloroethene | 1.0 | U | 1.0 | 0.44 | ug/L | | | 05/16/25 02:02 | 1 |
| Vinyl chloride | 1.9 | | 1.0 | 0.45 | ug/L | | | 05/16/25 02:02 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 109 | | 62 - 137 | | | - | | 05/16/25 02:02 | |

56 - 136

78 - 122

73 - 120

87

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05/16/25 02:02

05/16/25 02:02

05/16/25 02:02

Surrogate Summary

Client: Arcadis US Inc. Job ID: 240-224129-1 Project/Site: Ford LTP

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

Matrix: Water Prep Type: Total/NA

| | | | | Percent Su | rrogate Rec |
|--------------------|------------------------|----------|----------|------------|-------------|
| | | DCA | BFB | TOL | DBFM |
| Lab Sample ID | Client Sample ID | (62-137) | (56-136) | (78-122) | (73-120) |
| 240-224129-1 | TRIP BLANK_51 | 104 | 85 | 94 | 103 |
| 240-224129-2 | MW-75D_050625 | 111 | 92 | 101 | 110 |
| 240-224129-3 | MW-75SR_050625 | 109 | 90 | 98 | 108 |
| 240-224129-4 | DUP-08 | 105 | 87 | 96 | 105 |
| 240-224129-5 | DUP-09 | 109 | 87 | 99 | 111 |
| 240-224130-C-2 MS | Matrix Spike | 97 | 101 | 103 | 99 |
| 240-224130-C-2 MSD | Matrix Spike Duplicate | 94 | 97 | 97 | 93 |
| 240-224135-A-2 MS | Matrix Spike | 99 | 105 | 104 | 100 |
| 240-224135-A-2 MSD | Matrix Spike Duplicate | 96 | 101 | 100 | 95 |
| LCS 240-656137/5 | Lab Control Sample | 101 | 107 | 104 | 102 |
| LCS 240-656137/6 | Lab Control Sample | 97 | 92 | 92 | 98 |
| LCS 240-656215/2 | Lab Control Sample | 97 | 103 | 102 | 99 |
| LCSD 240-656215/3 | Lab Control Sample Dup | 100 | 104 | 104 | 102 |
| MB 240-656137/10 | Method Blank | 107 | 92 | 99 | 102 |
| MB 240-656215/6 | Method Blank | 106 | 90 | 99 | 103 |
| 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)

Prep Type: Total/NA **Matrix: Water**

| | | | Percent Surrogate Recovery (Acceptance Limits) |
|--------------------|------------------------|----------|--|
| | | DCA | |
| Lab Sample ID | Client Sample ID | (68-127) | |
| 240-224129-2 | MW-75D_050625 | 76 | |
| 240-224129-3 | MW-75SR_050625 | 82 | |
| 240-224129-4 | DUP-08 | 83 | |
| 240-224129-5 | DUP-09 | 77 | |
| 240-224135-E-2 MS | Matrix Spike | 78 | |
| 240-224135-E-2 MSD | Matrix Spike Duplicate | 77 | |
| 240-224193-D-3 MS | Matrix Spike | 77 | |
| 240-224193-E-3 MSD | Matrix Spike Duplicate | 70 | |
| LCS 240-656016/5 | Lab Control Sample | 78 | |
| _CS 240-656033/3 | Lab Control Sample | 78 | |
| MB 240-656016/7 | Method Blank | 78 | |
| MB 240-656033/5 | Method Blank | 76 | |

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Job ID: 240-224129-1

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

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

Lab Sample ID: MB 240-656137/10

Matrix: Water

Analysis Batch: 656137

| Client | Sample | ID: | Meth | nod | Blank |
|--------|--------|-----|------|-----|-------------|
| | D., | | | | 6 - 1/N I A |

Prep Type: Total/NA

| ı | | MB | MB | | | | | | | |
|---|--------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| | Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| | 1,1-Dichloroethene | 1.0 | U | 1.0 | 0.49 | ug/L | | | 05/15/25 13:08 | 1 |
| | cis-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.46 | ug/L | | | 05/15/25 13:08 | 1 |
| | Tetrachloroethene | 1.0 | U | 1.0 | 0.44 | ug/L | | | 05/15/25 13:08 | 1 |
| | trans-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.51 | ug/L | | | 05/15/25 13:08 | 1 |
| | Trichloroethene | 1.0 | U | 1.0 | 0.44 | ug/L | | | 05/15/25 13:08 | 1 |
| | Vinyl chloride | 1.0 | U | 1.0 | 0.45 | ug/L | | | 05/15/25 13:08 | 1 |
| | | | | | | | | | | |

MB MB

| Surrogate | %Recovery Qualifi | er Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-------------------|---------------------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 107 | 62 - 137 | | 05/15/25 13:08 | 1 |
| 4-Bromofluorobenzene (Surr) | 92 | 56 ₋ 136 | | 05/15/25 13:08 | 1 |
| Toluene-d8 (Surr) | 99 | 78 - 122 | | 05/15/25 13:08 | 1 |
| Dibromofluoromethane (Surr) | 102 | 73 - 120 | | 05/15/25 13:08 | 1 |

Lab Sample ID: LCS 240-656137/5

Matrix: Water

Analysis Batch: 656137

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| | LUU | LCS | | | | %Rec | |
|-------|--------------------------------------|--|--|--|--|--|--|
| Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| 20.0 | 19.3 | | ug/L | | 96 | 63 - 134 | |
| 20.0 | 19.6 | | ug/L | | 98 | 77 - 123 | |
| 20.0 | 18.7 | | ug/L | | 94 | 76 - 123 | |
| 20.0 | 19.7 | | ug/L | | 99 | 75 - 124 | |
| 20.0 | 18.4 | | ug/L | | 92 | 70 - 122 | |
| 20.0 | 15.7 | | ug/L | | 78 | 60 - 144 | |
| | 20.0 20.0 20.0 20.0 20.0 | Added Result 20.0 19.3 20.0 19.6 20.0 18.7 20.0 19.7 20.0 18.4 | Added Result Qualifier 20.0 19.3 20.0 19.6 20.0 18.7 20.0 19.7 20.0 18.4 | Added Result Qualifier Unit 20.0 19.3 ug/L 20.0 19.6 ug/L 20.0 18.7 ug/L 20.0 19.7 ug/L 20.0 18.4 ug/L | Added Result Qualifier Unit D 20.0 19.3 ug/L ug/L 20.0 19.6 ug/L ug/L 20.0 18.7 ug/L ug/L 20.0 19.7 ug/L ug/L 20.0 18.4 ug/L | Added Result Qualifier Unit D %Rec 20.0 19.3 ug/L 96 20.0 19.6 ug/L 98 20.0 18.7 ug/L 94 20.0 19.7 ug/L 99 20.0 18.4 ug/L 92 | Added Result Qualifier Unit D %Rec Limits 20.0 19.3 ug/L 96 63 - 134 20.0 19.6 ug/L 98 77 - 123 20.0 18.7 ug/L 94 76 - 123 20.0 19.7 ug/L 99 75 - 124 20.0 18.4 ug/L 92 70 - 122 |

LCS LCS

98

| Surrogate | %Recovery Q | ualifier | Limits |
|------------------------------|-------------|----------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 101 | | 62 - 137 |
| 4-Bromofluorobenzene (Surr) | 107 | | 56 - 136 |
| Toluene-d8 (Surr) | 104 | | 78 - 122 |
| Dibromofluoromethane (Surr) | 102 | | 73 - 120 |

Lab Sample ID: LCS 240-656137/6

Matrix: Water

Analysis Batch: 656137

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: 240-224130-C-2 MS

Matrix: Water

Analysis Batch: 656137

Dibromofluoromethane (Surr)

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| | Sample | Sample | Spike | MS | MS | | | | %Rec | |
|------------------------|--------|-----------|-------|--------|-----------|------|---|------|----------|--|
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| 1,1-Dichloroethene | 1.0 | U | 20.0 | 17.9 | | ug/L | | 89 | 56 - 135 | |
| cis-1,2-Dichloroethene | 1.0 | U | 20.0 | 18.6 | | ug/L | | 93 | 66 - 128 | |

73 - 120

Eurofins Cleveland

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QC Sample Results

Client: Arcadis US Inc. Job ID: 240-224129-1

Project/Site: Ford LTP

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

Lab Sample ID: 240-224130-C-2 MS **Matrix: Water**

Analysis Batch: 656137

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| | Sample | Sample | Spike | MS | MS | | | | %Rec |
|--------------------------|--------|-----------|-------|--------|-----------|------|---|------|----------|
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits |
| Tetrachloroethene | 1.0 | U | 20.0 | 18.0 | | ug/L | | 90 | 62 - 131 |
| trans-1,2-Dichloroethene | 1.0 | U | 20.0 | 18.6 | | ug/L | | 93 | 56 - 136 |
| Trichloroethene | 1.0 | U | 20.0 | 16.6 | | ug/L | | 83 | 61 - 124 |
| Vinyl chloride | 1.0 | U | 20.0 | 15.1 | | ug/L | | 76 | 43 - 157 |

MS MS

| Surrogate | %Recovery | Qualifier | Limits |
|------------------------------|-----------|-----------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 97 | | 62 - 137 |
| 4-Bromofluorobenzene (Surr) | 101 | | 56 - 136 |
| Toluene-d8 (Surr) | 103 | | 78 - 122 |
| Dibromofluoromethane (Surr) | 99 | | 73 - 120 |

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Matrix: Water

Analysis Batch: 656137

Lab Sample ID: 240-224130-C-2 MSD

| | Sample | Sample | Spike | MSD | MSD | | | | %Rec | | RPD |
|--------------------------|--------|-----------|-------|--------|-----------|------|---|------|----------|-----|-------|
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| 1,1-Dichloroethene | 1.0 | U | 20.0 | 16.6 | | ug/L | | 83 | 56 - 135 | 7 | 26 |
| cis-1,2-Dichloroethene | 1.0 | U | 20.0 | 18.3 | | ug/L | | 92 | 66 - 128 | 1 | 14 |
| Tetrachloroethene | 1.0 | U | 20.0 | 16.9 | | ug/L | | 84 | 62 - 131 | 6 | 20 |
| trans-1,2-Dichloroethene | 1.0 | U | 20.0 | 17.8 | | ug/L | | 89 | 56 - 136 | 4 | 15 |
| Trichloroethene | 1.0 | U | 20.0 | 16.5 | | ug/L | | 82 | 61 - 124 | 1 | 15 |
| Vinyl chloride | 1.0 | U | 20.0 | 13.9 | | ug/L | | 69 | 43 - 157 | 8 | 24 |
| | | | | | | | | | | | |

MSD MSD

| Surrogate | %Recovery | Qualifier | Limits |
|------------------------------|-----------|-----------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 94 | | 62 - 137 |
| 4-Bromofluorobenzene (Surr) | 97 | | 56 - 136 |
| Toluene-d8 (Surr) | 97 | | 78 - 122 |
| Dibromofluoromethane (Surr) | 93 | | 73 120 |

Client Sample ID: Method Blank

Prep Type: Total/NA

Analysis Batch: 656215

Matrix: Water

Lab Sample ID: MB 240-656215/6

MB MB

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,1-Dichloroethene | 1.0 | U | 1.0 | 0.49 | ug/L | | | 05/16/25 00:29 | 1 |
| cis-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.46 | ug/L | | | 05/16/25 00:29 | 1 |
| Tetrachloroethene | 1.0 | U | 1.0 | 0.44 | ug/L | | | 05/16/25 00:29 | 1 |
| trans-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.51 | ug/L | | | 05/16/25 00:29 | 1 |
| Trichloroethene | 1.0 | U | 1.0 | 0.44 | ug/L | | | 05/16/25 00:29 | 1 |
| Vinyl chloride | 1.0 | U | 1.0 | 0.45 | ug/L | | | 05/16/25 00:29 | 1 |

MB MB

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 106 | | 62 - 137 | | 05/16/25 00:29 | 1 |
| 4-Bromofluorobenzene (Surr) | 90 | | 56 - 136 | | 05/16/25 00:29 | 1 |
| Toluene-d8 (Surr) | 99 | | 78 - 122 | | 05/16/25 00:29 | 1 |
| Dibromofluoromethane (Surr) | 103 | | 73 - 120 | | 05/16/25 00:29 | 1 |

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Client: Arcadis US Inc. Job ID: 240-224129-1

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

Lab Sample ID: LCS 240-656215/2

Matrix: Water

Project/Site: Ford LTP

Analysis Batch: 656215

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

| | Spike | LCS | LCS | | | %Rec | |
|--------------------------|-------|--------|---------------|------|------|----------|--|
| Analyte | Added | Result | Qualifier Uni | it D | %Rec | Limits | |
| 1,1-Dichloroethene | 20.0 | 17.5 | ug/ | L | 87 | 63 - 134 | |
| cis-1,2-Dichloroethene | 20.0 | 18.5 | ug/ | L | 93 | 77 - 123 | |
| Tetrachloroethene | 20.0 | 17.0 | ug/ | L | 85 | 76 - 123 | |
| trans-1,2-Dichloroethene | 20.0 | 18.2 | ug/ | L | 91 | 75 - 124 | |
| Trichloroethene | 20.0 | 17.9 | ug/ | L | 90 | 70 - 122 | |
| Vinyl chloride | 20.0 | 15.0 | ug/ | L | 75 | 60 - 144 | |
| | | | | | | | |

| LCS | LUS | |
|-----------|-------------------------------|------------|
| %Recovery | Qualifier | Limits |
| 97 | | 62 - 137 |
| 103 | | 56 - 136 |
| 102 | | 78 - 122 |
| 99 | | 73 - 120 |
| | %Recovery 97 103 102 | 103 102 |

Lab Sample ID: LCSD 240-656215/3

Matrix: Water

Analysis Batch: 656215

| Client Sample ID: La | ab Contro | I Sample Dup |
|----------------------|-----------|---------------|
| | Prep T | ype: Total/NA |

| 7 maryoto Batom 600210 | Spike | LCSD | LCSD | | | | %Rec | | RPD |
|--------------------------|-------|--------|-----------|------|---|------|----------|-----|-------|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| 1,1-Dichloroethene | 20.0 | 18.9 | | ug/L | | 94 | 63 - 134 | 8 | 35 |
| cis-1,2-Dichloroethene | 20.0 | 19.1 | | ug/L | | 95 | 77 - 123 | 3 | 35 |
| Tetrachloroethene | 20.0 | 17.3 | | ug/L | | 87 | 76 - 123 | 2 | 35 |
| trans-1,2-Dichloroethene | 20.0 | 18.9 | | ug/L | | 95 | 75 - 124 | 4 | 35 |
| Trichloroethene | 20.0 | 17.7 | | ug/L | | 88 | 70 - 122 | 2 | 35 |
| Vinyl chloride | 20.0 | 15.7 | | ug/L | | 79 | 60 - 144 | 5 | 35 |
| | | | | _ | | | | _ | |

| | LCSD | LCSD | |
|------------------------------|-----------|-----------|---------------------|
| Surrogate | %Recovery | Qualifier | Limits |
| 1,2-Dichloroethane-d4 (Surr) | 100 | | 62 - 137 |
| 4-Bromofluorobenzene (Surr) | 104 | | 56 ₋ 136 |
| Toluene-d8 (Surr) | 104 | | 78 - 122 |
| Dibromofluoromethane (Surr) | 102 | | 73 - 120 |

Analysis Batch: 656215

| Lab Sample ID: 240-224135-A-2 MS | Client Sample ID: Matrix Spike |
|----------------------------------|--------------------------------|
| Matrix: Water | Prep Type: Total/NA |

| | Sample | Sample | Spike | MS | MS | | | | %Rec | |
|--------------------------|--------|-----------|-------|--------|-----------|------|---|------|----------|--|
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| 1,1-Dichloroethene | 1.0 | U | 20.0 | 19.8 | | ug/L | | 99 | 56 - 135 | |
| cis-1,2-Dichloroethene | 1.0 | U | 20.0 | 19.1 | | ug/L | | 95 | 66 - 128 | |
| Tetrachloroethene | 1.0 | U | 20.0 | 19.3 | | ug/L | | 96 | 62 - 131 | |
| trans-1,2-Dichloroethene | 1.0 | U | 20.0 | 19.4 | | ug/L | | 97 | 56 - 136 | |
| Trichloroethene | 1.0 | U | 20.0 | 17.3 | | ug/L | | 87 | 61 - 124 | |
| Vinyl chloride | 1.0 | U | 20.0 | 15.8 | | ug/L | | 79 | 43 - 157 | |
| | MS | MS | | | | | | | | |

| | MS | MS | |
|------------------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 1,2-Dichloroethane-d4 (Surr) | 99 | | 62 - 137 |
| 4-Bromofluorobenzene (Surr) | 105 | | 56 - 136 |
| Toluene-d8 (Surr) | 104 | | 78 - 122 |

Eurofins Cleveland

5/19/2025

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Job ID: 240-224129-1

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

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

1.0 U

MR MR

Lab Sample ID: 240-224135-A-2 MS **Matrix: Water**

Analysis Batch: 656215

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

43 - 157

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Matrix Spike

MS MS

Surrogate %Recovery Qualifier Limits Dibromofluoromethane (Surr) 100 73 - 120

Lab Sample ID: 240-224135-A-2 MSD Client Sample ID: Matrix Spike Duplicate **Matrix: Water** Prep Type: Total/NA

Vinyl chloride

Analysis Batch: 656215

| | - | Sample | Sample | Spike | MSD | MSD | | | | %Rec | | RPD |
|---|--------------------------|--------|-----------|-------|--------|-----------|------|---|------|----------|-----|-------|
| | Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| | 1,1-Dichloroethene | 1.0 | U | 20.0 | 18.8 | | ug/L | | 94 | 56 - 135 | 5 | 26 |
| | cis-1,2-Dichloroethene | 1.0 | U | 20.0 | 18.4 | | ug/L | | 92 | 66 - 128 | 4 | 14 |
| | Tetrachloroethene | 1.0 | U | 20.0 | 19.1 | | ug/L | | 95 | 62 - 131 | 1 | 20 |
| ı | trans-1,2-Dichloroethene | 1.0 | U | 20.0 | 18.7 | | ug/L | | 94 | 56 - 136 | 4 | 15 |
| | Trichloroethene | 1.0 | U | 20.0 | 17.6 | | ug/L | | 88 | 61 - 124 | 2 | 15 |

16.0

20.0

MSD MSD Qualifier Surrogate %Recovery Limits 1,2-Dichloroethane-d4 (Surr) 96 62 - 137 4-Bromofluorobenzene (Surr) 101 56 - 136 Toluene-d8 (Surr) 100 78 - 122 Dibromofluoromethane (Surr) 95 73 - 120

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

Lab Sample ID: MB 240-656016/7

Matrix: Water

Analysis Batch: 656016

| Prep Type: Total/NA |
|---------------------|
| |

ug/L

Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac 1,4-Dioxane 2.0 U 2.0 0.86 ug/L 05/14/25 14:40

MB MB Surrogate %Recovery Qualifier Limits Prepared Analyzed 1,2-Dichloroethane-d4 (Surr) 78 68 - 127 05/14/25 14:40

Lab Sample ID: LCS 240-656016/5

Matrix: Water

Analysis Batch: 656016

| • | Spike | LCS | LCS | | | | %Rec | |
|-------------|-------|--------|-----------|------|---|------|--------|--|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| 1 4-Dioxane | | 8 25 | | ua/l | | 82 | 75 121 | |

LCS LCS %Recovery Qualifier Surrogate Limits 1,2-Dichloroethane-d4 (Surr) 68 - 127 78

Lab Sample ID: 240-224135-E-2 MS

Matrix: Water

Analysis Batch: 656016

| Allalysis Datcil. 000010 | | | | | | | | | | |
|--------------------------|--------|-----------|-------|--------|-----------|------|---|------|----------|--|
| | Sample | Sample | Spike | MS | MS | | | | %Rec | |
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| 1,4-Dioxane | 2.0 | U | 10.0 | 8.70 | | ug/L | | 87 | 20 - 180 | |

Eurofins Cleveland

Prep Type: Total/NA

Dil Fac

Prep Type: Total/NA

10

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

Job ID: 240-224129-1

Prep Type: Total/NA

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

| | MS | MS | |
|------------------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 1,2-Dichloroethane-d4 (Surr) | 78 | | 68 - 127 |

Lab Sample ID: 240-224135-E-2 MSD Client Sample ID: Matrix Spike Duplicate **Matrix: Water**

Analysis Batch: 656016

| | Sample | Sample | Spike | MSD | MSD | | | | %Rec | | RPD |
|-------------|--------|-----------|-------|--------|-----------|------|---|------|----------|-----|-------|
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| 1,4-Dioxane | 2.0 | U | 10.0 | 9.63 | | ug/L | | 96 | 20 - 180 | 10 | 20 |

MSD MSD %Recovery Qualifier Limits 68 - 127

Lab Sample ID: MB 240-656033/5 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Surrogate

1,2-Dichloroethane-d4 (Surr)

| Analysis Batch: 656033 | | | | | | | | | |
|------------------------------|-----------|-----------|----------|------|------|--------------|----------|----------------|---------|
| | MB | MB | | | | | | | |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| 1,4-Dioxane | 2.0 | U | 2.0 | 0.86 | ug/L | | | 05/15/25 01:37 | 1 |
| | MB | MB | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 76 | | 68 - 127 | | | - | | 05/15/25 01:37 | 1 |

Lab Sample ID: LCS 240-656033/3 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 656033

LCS LCS Spike %Rec Added Result Qualifier Unit %Rec Limits 1,4-Dioxane 10.0 8.86 ug/L 75 - 121

LCS LCS Surrogate %Recovery Qualifier Limits 1,2-Dichloroethane-d4 (Surr) 78 68 - 127

Lab Sample ID: 240-224193-D-3 MS Client Sample ID: Matrix Spike Prep Type: Total/NA

Matrix: Water

Analysis Batch: 656033

| • | Sample S | Sample | Spike | MS | MS | | | | %Rec |
|-------------|----------|-----------|-------|--------|-----------|------|---|------|----------|
| Analyte | Result (| Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits |
| 1,4-Dioxane | 2.0 | U | 10.0 | 10.0 | | ug/L | | 100 | 20 - 180 |

MS MS Surrogate Limits %Recovery Qualifier 1,2-Dichloroethane-d4 (Surr) 68 - 127 77

Lab Sample ID: 240-224193-E-3 MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Water

Analysis Batch: 656033

| Analysis Batom 600000 | Sample | Sample | Spike | MSD | MSD | | | | %Rec | | RPD |
|-----------------------|--------|-----------|-------|--------|-----------|------|---|------|----------|-----|-------|
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| 1,4-Dioxane | 2.0 | U | 10.0 | 10.5 | | ug/L | | 105 | 20 - 180 | 4 | 20 |

Eurofins Cleveland

Prep Type: Total/NA

QC Sample Results

Client: Arcadis US Inc. Job ID: 240-224129-1

Project/Site: Ford LTP

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

Lab Sample ID: 240-224193-E-3 MSD

Matrix: Water

Analysis Batch: 656033

MSD MSD

%Recovery Qualifier Surrogate Limits 1,2-Dichloroethane-d4 (Surr) 70 68 - 127 **Client Sample ID: Matrix Spike Duplicate**

Prep Type: Total/NA

QC Association Summary

Client: Arcadis US Inc.

Project/Site: Ford LTP

Job ID: 240-224129-1

GC/MS VOA

Analysis Batch: 656016

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|-----------|------------|
| 240-224129-3 | MW-75SR_050625 | Total/NA | Water | 8260D SIM | |
| 240-224129-4 | DUP-08 | Total/NA | Water | 8260D SIM | |
| 240-224129-5 | DUP-09 | Total/NA | Water | 8260D SIM | |
| MB 240-656016/7 | Method Blank | Total/NA | Water | 8260D SIM | |
| LCS 240-656016/5 | Lab Control Sample | Total/NA | Water | 8260D SIM | |
| 240-224135-E-2 MS | Matrix Spike | Total/NA | Water | 8260D SIM | |
| 240-224135-E-2 MSD | Matrix Spike Duplicate | Total/NA | Water | 8260D SIM | |

Analysis Batch: 656033

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|-----------|------------|
| 240-224129-2 | MW-75D_050625 | Total/NA | Water | 8260D SIM | |
| MB 240-656033/5 | Method Blank | Total/NA | Water | 8260D SIM | |
| LCS 240-656033/3 | Lab Control Sample | Total/NA | Water | 8260D SIM | |
| 240-224193-D-3 MS | Matrix Spike | Total/NA | Water | 8260D SIM | |
| 240-224193-E-3 MSD | Matrix Spike Duplicate | Total/NA | Water | 8260D SIM | |

Analysis Batch: 656137

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Bato |
|--------------------|------------------------|-----------|--------|--------|-----------|
| 240-224129-1 | TRIP BLANK_51 | Total/NA | Water | 8260D | |
| MB 240-656137/10 | Method Blank | Total/NA | Water | 8260D | |
| LCS 240-656137/5 | Lab Control Sample | Total/NA | Water | 8260D | |
| LCS 240-656137/6 | Lab Control Sample | Total/NA | Water | 8260D | |
| 240-224130-C-2 MS | Matrix Spike | Total/NA | Water | 8260D | |
| 240-224130-C-2 MSD | Matrix Spike Duplicate | Total/NA | Water | 8260D | |

Analysis Batch: 656215

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 240-224129-2 | MW-75D_050625 | Total/NA | Water | 8260D | |
| 240-224129-3 | MW-75SR_050625 | Total/NA | Water | 8260D | |
| 240-224129-4 | DUP-08 | Total/NA | Water | 8260D | |
| 240-224129-5 | DUP-09 | Total/NA | Water | 8260D | |
| MB 240-656215/6 | Method Blank | Total/NA | Water | 8260D | |
| LCS 240-656215/2 | Lab Control Sample | Total/NA | Water | 8260D | |
| LCSD 240-656215/3 | Lab Control Sample Dup | Total/NA | Water | 8260D | |
| 240-224135-A-2 MS | Matrix Spike | Total/NA | Water | 8260D | |
| 240-224135-A-2 MSD | Matrix Spike Duplicate | Total/NA | Water | 8260D | |

8

9

11

13

Job ID: 240-224129-1

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

Client Sample ID: TRIP BLANK_51

Lab Sample ID: 240-224129-1 Date Collected: 05/06/25 00:00

Matrix: Water

Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor Number Analyst Lab or Analyzed 05/15/25 15:53 Total/NA Analysis 8260D 656137 AJS EET CLE

Client Sample ID: MW-75D 050625 Lab Sample ID: 240-224129-2

Date Collected: 05/06/25 14:50 **Matrix: Water**

Date Received: 05/09/25 08:00

Date Received: 05/09/25 08:00

Batch Batch Dilution Batch Prepared Prep Type Method Factor Number Analyst or Analyzed Туре Run Lab 8260D 656215 AJS 05/16/25 00:52 Total/NA EET CLE Analysis 8260D SIM 656033 EET CLE 05/15/25 04:45 Total/NA Analysis 1 R5XG

Client Sample ID: MW-75SR 050625 Lab Sample ID: 240-224129-3

Date Collected: 05/06/25 15:50 **Matrix: Water**

Date Received: 05/09/25 08:00

Batch Batch Dilution Batch Prepared Prep Type Type Method Run Factor **Number Analyst** or Analyzed Lab 05/16/25 01:15 8260D Total/NA Analysis 656215 AJS EET CLE 05/14/25 15:27 Total/NA Analysis 8260D SIM 656016 R5XG EET CLE 1

Client Sample ID: DUP-08 Lab Sample ID: 240-224129-4

Date Collected: 05/06/25 00:00 **Matrix: Water**

Date Received: 05/09/25 08:00

Batch Batch Dilution Batch Prepared Method or Analyzed Factor **Prep Type** Type Run Number Analyst Lab 05/16/25 01:38 Total/NA 8260D 656215 AJS Analysis EET CLE Total/NA 8260D SIM 656016 R5XG EET CLE 05/14/25 15:50 Analysis 1

Client Sample ID: DUP-09 Lab Sample ID: 240-224129-5

Date Collected: 05/06/25 00:00

Date Received: 05/09/25 08:00

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|-----------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Туре | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260D | | 1 | 656215 | AJS | EET CLE | 05/16/25 02:02 |
| Total/NA | Analysis | 8260D SIM | | 1 | 656016 | R5XG | EET CLE | 05/14/25 16:13 |

Laboratory References:

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

Eurofins Cleveland

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Accreditation/Certification Summary

Client: Arcadis US Inc. Job ID: 240-224129-1 Project/Site: Ford LTP

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 | | | |
|--------------------|---------------------|-----------------------|-----------------|--|--|--|
| Connecticut | State | PH-0806 | 12-31-26 | | | |
| Georgia | State | 4062 | 02-27-26 | | | |
| Illinois | NELAP | 200004 | 08-31-25 | | | |
| lowa | State | 421 | 06-01-25 | | | |
| Kansas | NELAP | E-10336 | 01-31-26 | | | |
| Kentucky (UST) | State | 112225 | 02-28-26 | | | |
| 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 | 04-01-26 | | | |
| North Dakota | State | R-244 | 02-27-26 | | | |
| Ohio | State | 8303 | 11-04-25 | | | |
| Ohio VAP | State | ORELAP 4062 | 02-28-26 | | | |
| Oregon | NELAP | 4062 | 02-27-26 | | | |
| Pennsylvania | NELAP | 68-00340 | 08-31-25 | | | |
| Texas | NELAP | T104704517-22-19 | 08-31-25 | | | |
| US Fish & Wildlife | US Federal Programs | A26406 | 02-28-26 | | | |
| 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 | | | |

MICHIGAN 190

Chain of Custody Record

| TAN | en | CC |
|--------|------|----------------|
| 17 (11 | 1011 | <u> </u> |
| | tAm | t <u>Ameri</u> |

| 190 TestAi | stAmerica Laboratory location: Farmington Hills — 38855 Hills Tech Drive, Suite 600, Farmington Hills 48331 Regulatory program: DW NPDES RCRA Other | | | | | | | | | | | | | | THE | THE LEADER IN ENVIRONMENTAL TES | | | | | | | | | |
|--|--|---------------|-------------|----------|----------------|--------|----------|---------|--------|--------------------------|---------|-------------------------|--------------------|---------------|-------------------|---------------------------------|-----------|-------------|----------------------|-----------------------|-------|---|---|----|--|
| Client Contact | Regulat | ory program: | | Г | DW | Г | NP | DES | | □ RC | RA | П | Other | r | | | | | | | | | | | |
| ompany Name: Arcadis | Client Project | Manager: Mega | n Mec | kley | | Si | te Cor | ıtact: | Sam | antha Sz | paichle | r | | I | ab Co | ontact | Mike | DelN | Jonic | , | | - | | | <u>CestAmerica Laboratories, In</u> COC No: |
| ddress: 28550 Cabot Drive, Suite 500 | Telephone: 248 | .004.2240 | | | | T | lenho | nu. 7. | 48-00 | 4-2240 | | | | - | alanh | one: 3 | 20.40 | 7.030 | 6 | | | - | | -+ | |
| ity/State/Zip: Novi, MI, 48377 | | | | | | | | | | - | | | | | eiepii | one. 3 | JU/ | | | | | | | | 1 of 1 COCs |
| hone: 248-994-2240 | Email: megan. | meckley@arcac | lis.com | | | | Ana | itysis | l urn: | around 1 | ime | 1 | - | - | $\overline{}$ | | | Ar | 1alys | es | | | | F | or lab use only |
| roject Name: Ford LTP | Sampler Name | | | 0 | | T/ | \T if di | (ferent | | ow 3 weeks | | | | -1 | | | | | | | | | | V | Valk-in client |
| | | Kaylee | · L | leKo | Ū | | 10 d | ay | 0 | 2 weeks | | | | | | | | | | | | | ļ | r | ab sampling |
| roject Number: 30251157.401.04 | Method of Ship | ment/Carrier: | | | | | I week | | | | | 8 | | | | | | SI | | | | | | | |
| O # US3460023914 | Shipping/Track | sing No: | | | | | | | | 1 day | | Filtered Sample (Y / N) | Composite=C / Grab | 00g | cis-1,2-DCE 8260D | Trans-1,2-DCE 8260D | | | Vinyl Chloride 8260D | 1,4-Dioxane 8260D SIM | | | | 1 | ob/SDG No: |
| | | | | Mat | П | , | Т | | | reservat | | ed Sam | osite= | 1,1-DCE 8260D | S-DCE | -1,2-D(| PCE 8260D | TCE 8260D | Chlorid | ioxane | | | | Ť | Sample Specific Notes / |
| Sample Identification | Sample Date | Sample Time | Air. | Sediment | Solid | 112504 | HNO3 | HCI | NaOH | ZaAci NaOii Unpres | Other: | Filter | Com | 1,1-D | cis-1. | Trans | PCE. | 1 <u>CE</u> | Viny | 1,4-D | | | | | Special Instructions: |
| TRIP BLANK_ 5') | | | | 1 | | | | 1 | | | | Ņ | G | X | × | X | X | X | Х | | | | | | 1 Trip Blank |
| MW-75D_050625 | 5/4/25 | 1450 | - Section 1 | o | | | | 6 | | | | | | | | | | | | Ϋ́ | | | | | 3 VOAs for 8260D 3 VOAs for 8260D SIM |
| MW-755R_050625 | | 1550 | | 0 | | | | 6 | | | | | | | | | | | | | | | | | |
| DUP-08 | | | Ç | , | | | | 6 | | | | | | | | | | | | | | | | | |
| DUP-09 | 4 | | (| 1 | | | | 6 | | | | L | | | | 1 | | | | 1 | | | | | ملا |
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| | | | - | | a salangan ang | | | | | | | | | | | | | | | | | | | | 1222 |
| | | | | | | | Ł | 0 | | 7 | | П | | | | | | | | | | | | 7 | |
| | | | | | | | | | 37 | 6/2 | | | | | | - | \exists | \neg | | | | | | 24 | 10-22442 |
| | | | | | | | T | П | | | | П | 7 | | | | 1 | | | | | | | | 10-224129 COC — |
| Possible Hazard Identification Non-Hazard Identification Kin Irritant | Poise | n B | Jnkno | wn | !!_ | \top | Samp | | | l (A fee Client | | assesse Disposa | | | | retaine | | | an 1 n | | onths | | | | |
| pecial Instructions/QC Requirements & Comments: Belde | en Roh | / | | | | | | | | | | | | | | | | | | | | | | - | |
| ubmit all results through Cadena at jtomalia@cadenaco.co evel IV Reporting requested. | | 203728 | | | | | | | | | | | | | | | | | | | | | | | |
| clinquished by: Mayble Polot | Company: | da) | | ate/Tim | ne: . /25 | 17 | 00 | | | ived by: | ; (A | ld | S.1 | fora | rl. | | 9 | Compa | any: FVC | id: | ` | | | ľ | Pate/Time: 1700 |
| elinquished by: | Company ARC | APIS | D | ate/Tim | | 5 16 | .2: | | | ived by: | 9 | ~ | | 2 | | | (| Compa | | A | 7 | | | r | 5/6/25 1630 |
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TestAmence & Design " are trecements of TestAmence Laboratories, In

े सोस्राम

| urofins – Cleveland Sample Receipt Form/Narrative – Login# | |
|---|---------------------|
| 744 (A) | |
| icnt Avcaci'S Site Name | Cooler unpacked by: |
| poler Received on S19125 Opened on S19125 | 1006-12 |
| edEx: 1st Grd Exp_UPS_FAS_Waypoint_Client Drop Off Eurofins Courier Other | Wher |
| keceipt After-hours Drop-off Date/Time Storage Location | |
| urofins Cooler # E Foam Box Client Cooler Box Other | |
| Packing material used. Bubble Wrap Foam Plastic Bag None Other | |
| COOLANT, Welle Blue Ice Dry Ice Water None | |

Cooler temperature upon receipt 0 <u>ڻ</u> See Multiple Cooler Form

Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity -Were the seals on the outside of the cooler(s) signed & dated? -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? (A Observed Cooler Temp Corrected Cooler Temp 2 2 **3** 2 **3** 8 X checked for pH by Tests that are not

2

840010 Shippers packing slip attached to the cooler(s)? -Were tamper/custody seals intact and uncompromised?

6

X

Receiving

ကိ

VOAs
Oil and Grease
TOC

Did custody papers accompany the sample(s)?

Were the custody papers relinquished & signed in the appropriate place?

Was/were the person(s) who collected the samples clearly identified on the COC?

Did all bottles arrive in good condition (Unbroken)?

Could all bottle labels (ID/Date/Time) be reconciled with the COC?

9 For each sample, does the COC specify preservatives (VN), # of containers (ON), Were correct bottle(s) used for the test(s) indicated? and sample 1 **FEET** No type of grab/comp(XDN)?

(<u>3</u>) <u>x</u>

Sufficient quantity received to perform indicated analyses?

12 Are these work share samples and all listed on the COC?

If yes, Questions 13-17 have been checked at the originating laboratory

Were all preserved sample(s) at the correct pH upon receipt?

13 14 15 16 Were au bubbles >6 mm in any VOA vials? Were VOAs on the COC?

Was a LL Hg or Me Hg trip blank present? Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # Larger than this.
 Blank Lot # N/A

Contacted PM হ via Verbal Voice Mail Other

Concerning

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES additional next page

Labeled by

Labels Venfied by

received Ş extra 719 ğ P 3/5 Sing VIAI Ð BUP-6

19 SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired

Sample(s) _____ Time preserved 20. SAMPLE PRESERVATION Sample(s) Sample(s) Preservative(s) added/Lot number(s): were received with bubble >6 mm in diameter (Notify PM) were received in a broken container were further preserved in the laboratory

WI-NC 099-042925 Cooler Receipt Form.doc

VOA Sample Preservation -

Date/Time VOAs Frozen

@@*

NA A

(3)

pH Strap Lo# HC457151

(3) \$(3) \$

| nnershire Evaluation Form | T See Ten | | | | | |
|---|---------------------------------------|---|----------------------|------------------|-----------------------------|------------|
| Wet Ice Blue Ice Dry Ice Water None | | | IR GUN #: | Box Other | Cllent | 23 |
| Wet Ice Blue Ice Dry Ice Water None | , , , , , , , , , , , , , , , , , , , | | IR GUN # | Box Other | Client | ۳ n |
| Wet Ice Blue Ice Dry Ice Water None | | | IR GUN # | Box Other | Client | EC. |
| Wet Ice Blue Ice Dry Ice Water None | | | IR GUN #: | Box Other | Client | EC |
| Wet Ice Blue Ice Dry Ice Water None | | | IR GUN #: | Box Other | Client | EC |
| Wet Ice Blue Ice Dry Ice Water Nane | | | IR GUN #: | Box Other | Client | EC |
| Wetice Blueice Dryice Water None | | | IR GUN #: | Box Other | Client | 23 |
| Wet Ice Blue Ice Dry Ice Water None | | | IR GUN #: | Box Other | Client | EC |
| Wet Ice Blue Ice Dry Ice Water None | | | IR GUN #: | Box Other | Client | <u>ب</u> |
| Wet Ice Blue Ice Dry Ice Water None | | | IR GUN #: | Box Other | C Client | 53 |
| Wet Ice Blue Ice Dry Ice Water None | | | IR GUN # | Box Other | C Client | С |
| Wet Ice Blue Ice Dry Ice Water None | | | IR GUN #· | Box Other | Client | 23 |
| Wet Ice Blue Ice Dry Ice Water None | | | IR GUN #: | Box Other | Client | 53 |
| Wet Ice Blue Ice Dry Ice Water None | | | IR GUN # | Box Other | : Client | EC |
| Wet Ice Blue Ice Dry Ice Water Name | | | IR GUN #' | Box Other | Client | EC |
| Wet Ice Blue Ice Dry Ice Water None | | | IR GUN #: | Box Other | Client | ۳, |
| Wet ice Blue ice Dry ice Water Name | | | IR GUN #: | Box Other | Client | . |
| Wet Ice Blue Ice Dry Ice Water None | | | IR GUN #: | Box Other | Client | 7 7 |
| Wet Ice Blue Ice Dry Ice Water None | | | IR GUN #: | Box Other | Client | E |
| Wet Ice Blue Ice Dry Ice Water Nane | | | IR GUN #: | Box Other | Client | <u>ال</u> |
| Wet Ice Blue Ice Dry Ice Water None | | | IR GUN #: | box Other | Client | 7 |
| Wet ice Blue ice Dry ice Water None | | | IR GUN #: | Box Other | Client | EC |
| Wet Ice Blue Ice Dry Ice Water None | | | IR GUN #: | Box Other | Client | 53 |
| Wet Ice Blue Ice Dry Ice Water None | | | IR GUN #: | Box Other | Client | |
| Wet Ice Blue Ice Dry Ice Water None | | | IR GUN #: | Box Other | Client | |
| Wet Ice Blue Ice Dry Ice Water None | | AND | IR GUN # | Box Other | Client | EC |
| Wet Ice Blue Ice Dry Ice Water None | | | IR GUN #: | Box Other | Client | EC |
| Wet Ice Blue Ice Dry Ice Water None | | | IR GUN #: | lox Other | Client | EC |
| Wet Ice Bive Ice Dry ice Water None | | | !R GUN #: | Box Other | : Client | EC |
| Wetice Blueice Dryice Water None | | | IR GUN #: | Box Other | Client | 8 |
| Wellice Bluelice Drylice Waler None | | | IRGUN#: | Box Other | : Client | <u>ٿ</u> |
| Wellce Blue Ice Dry Ice Water None | 2 0 | L 2 | IR GUN #: | Box Other | Client | গ |
| Wet Ice Bive ice Dry Ice Water None | 5 | 17 | IR GUN #: | Box Other | Client | (7) |
| Wel Jade Blue Ice Dry Ice Water None | 1.2 | 2.6 | IR GUN #: | Box Olher | Client | (6) |
| Coolant (Circle) | Corrected Temp °C | Observed Temp °C | IR Gun # (Circle) | scription le) | Cooler Description (Circle) | _ |
| | | | | | | |

Login#•

5/9/2025

240-224129

5/19/2025

Login Container Summary Report

| DUP-09 240-224129-F-5 Voa Vial 40ml - Hydrochloric Acid | 240-224129-E-5 | DUP-09 240-224129-D-5 Voa Vial 40ml - Hydrochloric Acid | DUP-09 240-224129-C-5 Voa Vial 40ml - Hydrochloric Acid | DUP-09 240-224129-B-5 Voa Vial 40ml - Hydrochloric Acid | DUP-09 240-224129-A-5 Voa Vial 40mi - Hydrochloric Acid | DUP-08 240-224129-F-4 Voa Vial 40ml - Hydrochloric Acid | DUP-08 240-224129-E-4 Voa Vial 40ml - Hydrochloric Acid | DUP-08 240-224129-D-4 Voa Vial 40ml - Hydrochloric Acid | DUP-08 240-224129-C-4 Voa Vial 40ml - Hydrochloric Acid | DUP-08 240-224129-B-4 Voa Vial 40ml - Hydrochloric Acid | DUP-08 240-224129-A-4 Voa Vial 40ml - Hydrochloric Acıd | MW-75SR_050625 240-224129-F-3 Voa Vial 40ml - Hydrochloric Acid | MW-75SR_050625 240-224129-E-3 Voa Vial 40ml - Hydrochloric Acid | MW-75SR_050625 240-224129-D-3 Voa Vial 40ml - Hydrochloric Acid | MW-75SR_050625 240-224129-C-3 Voa Vial 40ml - Hydrochloric Acid | MW-75SR_050625 240-224129-B-3 Voa Vial 40ml - Hydrochloric Acid | MW-75SR_050625 240-224129-A-3 Voa Vial 40ml - Hydrochloric Acid | MW-75D_050625 240-224129-F-2 Voa Vial 40ml - Hydrochloric Acid | MW-75D_050625 240-224129-E-2 Voa Vial 40ml - Hydrochloric Acid | MW-75D_050625 240-224129-D-2 Voa Vial 40ml - Hydrochloric Acid | MW-75D_050625 240-224129-C-2 Voa Vial 40ml - Hydrochloric Acid | MW-75D_050625 240-224129-B-2 Voa Vial 40ml Hydrochloric Acid | MW-75D_050625 240-224129-A-2 Voa Vial 40ml - Hydrochloric Acid | TRĮP BLANK_51 240-224129-A-1 Voa Vial 40ml - Hydrochloric Acid | Client Sample ID Lab ID Container Type |
|--|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|--|--|--|--|--|--|--|--|
| | | | | | | | - | | | Ť | | | | | | | | | | - | | | | | Contain |
| l 40ml - Hydrochloric Acid | l 40ml - Hydrochloric Acıd | l 40ml - Hydrochloric Acid | l 40ml - Hydrochloric Acıd | l 40ml - Hydrochloric Acid | l 40ml - Hydrochloric Acid | l 40ml - Hydrochloric Acid | l 40ml - Hydrochloric Acid | l 40ml - Hydrochloric Acid | l 40ml - Hydrochloric Acid | l 40ml - Hydrochloric Acid | l 40ml - Hydrochloric Acid | l 40ml - Hydrochloric Acid | <u>er Type</u> |
| distribution of the state of th | | *************************************** | | | | Martinia anna anna anna anna anna anna anna | | | | | | | | | | - Andrewson - Andr | | *************************************** | | Action of the last | | | | *************************************** | <u>pH Temp</u> |
| | | | | | | | | | | | | | | | | | | | | | | | | | Added Added |
| | | | | | | | Pa | uge 2 | 27 o | f 27 | | | | | | | | *************************************** | | | | | | | Added Lot Number |



DATA VERIFICATION REPORT

May 19, 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) Event Specific Scope of Work References: Sample COC Laboratory: Eurofins Environment Testing LLC - Cleveland

Laboratory submittal: 224129-1 Sample date: 2025-05-06

Report received by CADENA: 2025-05-19

Initial Data Verification completed by CADENA: 2025-05-19

Number of Samples:5 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.

There were no significant QC anomalies or exceptions to report.

Sample/MS/MSD Surrogate Recovery, Blank/LCS Surrogate Recovery, LCS/LCD Recovery, LCS/LCD 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.

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 Valid Qualifiers

| Valid Qualifiers | Description |
|---------------------|--|
| < | Less than the reported concentration. |
| > | Greater than the reported concentration. |
| В | 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 contaminates) 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. |
| Е | 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 contaminates) 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. |

Analytical Results Summary

CADENA Project ID: E203728

Laboratory: Eurofins Environment Testing LLC - Cleveland

Laboratory Submittal: 224129-1

| | | Sample Name: Lab Sample ID: Sample Date: | | 1291 | | | MW-75 240224 5/6/202 | | 5 | | MW-755 240224 5/6/202 | | 25 | | DUP-08 240224 5/6/202 | 1294 | | | DUP-09 240224 5/6/202 | 1295 | | |
|-----------|--------------------------|--|--------|--------|-------|-----------|----------------------------|--------|-------|-----------|-----------------------------|--------|-------|-----------|-----------------------------|--------|-------|-----------|-----------------------------|--------|-------|-----------|
| | | | | Report | | Valid | | Report | | Valid | | Report | | Valid | | Report | | Valid | | Report | | Valid |
| | Analyte | Cas No. | Result | Limit | Units | Qualifier | Result | Limit | Units | Qualifier | Result | Limit | Units | Qualifier | Result | Limit | Units | Qualifier | Result | Limit | Units | Qualifier |
| GC/MS VOC | | | | | | | | | | | | | | | | | | | | | | |
| OSW-8260 | <u>)D</u> | | | | | | | | | | | | | | | | | | | | | |
| | 1,1-Dichloroethene | 75-35-4 | ND | 1.0 | ug/l | | ND | 1.0 | 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 | | ND | 1.0 | ug/l | | ND | 1.0 | ug/l | | ND | 1.0 | ug/l | | ND | 1.0 | ug/l | |
| | Tetrachloroethene | 127-18-4 | ND | 1.0 | ug/l | | ND | 1.0 | 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 | | ND | 1.0 | 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 | 1.0 | ug/l | | ND | 1.0 | ug/l | | ND | 1.0 | ug/l | | ND | 1.0 | ug/l | |
| | Vinyl chloride | 75-01-4 | ND | 1.0 | ug/l | | 1.6 | 1.0 | ug/l | | ND | 1.0 | ug/l | | ND | 1.0 | ug/l | | 1.9 | 1.0 | ug/l | |
| OSW-8260 | <u>DDSIM</u> | | | | | | | | | | | | | | | | | | | | | |
| | 1,4-Dioxane | 123-91-1 | | | | | 2.9 | 2.0 | ug/l | | ND | 2.0 | ug/l | | ND | 2.0 | ug/l | | 2.8 | 2.0 | ug/l | |



Ford Motor Company – Livonia Transmission Project

Data Review

Livonia, Michigan

Volatile Organic Compounds (VOC) Analysis

SDG # 240-224129-1

CADENA Verification Report: 2025-05-13

Analyses Performed By: Eurofins Cleveland Barberton, Ohio

Report # 59608R Review Level: Tier III Project: 30251157.401.02

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) # 240-224129-1 for samples collected in association with the Ford – Livonia, Michigan site. The review was conducted as a Tier III validation in addition to a verification/Tier II validation review performed by CADENA Inc. and included review of level IV laboratory data package completeness. Only elements of a Tier III validation effort (Tier III) include a detailed review of laboratory raw data to check for errors in calculation, calibration review, internal standard review and compound identification) and omitted deviations from the CADENA verification/Tier II report are documented in this report. Only analytical data associated with constituents of concern were reviewed for this validation. Field documentation was not included in this review. Included with this assessment are the validation annotated sample result sheets, and chain of custody. Analyses were performed on the following samples:

| Comple ID | Lab ID | Matrix | Sample | Darant Samula | Ana | lysis |
|----------------|--------------|--------|-----------------|----------------|-----|---------|
| Sample ID | Labib | Watrix | Collection Date | Parent Sample | voc | VOC SIM |
| TRIP BLANK_51 | 240-224129-1 | Water | 05/06/2025 | | Х | |
| MW-75D_050625 | 240-224129-2 | Water | 05/06/2025 | | Х | Х |
| MW-75SR_050625 | 240-224129-3 | Water | 05/06/2025 | | Х | Х |
| DUP-08 | 240-224129-4 | Water | 05/06/2025 | MW-75SR_050625 | Х | Х |
| DUP-09 | 240-224129-5 | Water | 05/06/2025 | MW-75D_050625 | X | Х |

ANALYTICAL DATA PACKAGE DOCUMENTATION

The table below is the evaluation of the data package completeness.

| Items Reviewed | Rep | orted | Perfori Accep | | Not Required |
|--|-----|-------|------------------|-----|-----------------|
| | No | Yes | No | Yes | Required |
| Sample receipt condition | | X | | Х | |
| 2. Requested analyses and sample results | | X | | Х | |
| Master tracking list | | Х | | Х | |
| 4. Methods of analysis | | X | | Х | |
| 5. Reporting limits | | Х | | Х | |
| 6. Sample collection date | | Х | | Х | |
| 7. Laboratory sample received date | | Х | | Х | |
| 8. Sample preservation verification (as applicable) | | Х | | Х | |
| Sample preparation/extraction/analysis dates | | Х | | Х | |
| 10. Fully executed Chain-of-Custody (COC) form | | Х | | Х | |
| Narrative summary of Quality Assurance or sample problems provided | | Х | | Х | |
| 12. Data Package Completeness and Compliance | | Х | | Х | |

ORGANIC ANALYSIS INTRODUCTION

Analyses were performed according to United States Environmental Protection Agency (USEPA) SW-846 Method 8260D and 8260D SIM. Data were reviewed in accordance with USEPA National Functional Guidelines for Organic Superfund Methods Data Review, EPA 540-R-20-005, November 2020 (with reference to the historical USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, OSWER 9240.1-05A-P, October 1999), as appropriate.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

- Concentration (C) Qualifiers
 - U The analyte was analyzed for but was not detected above the level of the reported sample quantitation limit.
 - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers
 - E The compound was quantitated above the calibration range.
 - D Concentration is based on a diluted sample analysis.
- Validation Qualifiers
 - J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
 - UJ The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
 - UB Analyte considered non-detect at the listed value due to associated blank contamination.
 - R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

VOLATILE ORGANIC COMPOUND (VOC) ANALYSES

1. Holding Times

The specified holding times for the following methods are presented in the following table.

| Method | Matrix | Holding Time | Preservation |
|------------------------|--------|-------------------------------------|---------------------------------|
| SW-846 8260D/8260D-SIM | Water | 14 days from collection to analysis | Cool to < 6 °C; pH < 2 with HCl |

All samples were analyzed within the specified holding time criteria.

2. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable, and all analyses were performed within a 12-hour tune clock.

System performance and column resolution were acceptable.

3. Calibration

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

3.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds associated with the initial calibration standards must exhibit a %RSD less than the control limit (20%) or a correlation coefficient greater than 0.99 and an RRF value greater than control limit (0.05).

All compounds associated with the initial calibrations were within the specified control limits.

3.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%) and RRF value greater than control limit (0.05).

All compounds associated with the continuing calibrations were within the specified control limits.

4. Internal Standard Performance

Internal standard performance criteria ensure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria require the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard responses were within control limits.

5. Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit of 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

| Sample ID/Duplicate ID | Compound | Sample Result | Duplicate Result | RPD |
|-------------------------|----------------|------------------|---------------------|-----|
| MW-75SR_050625 / DUP-08 | All compounds | U | U | AC |
| MW-75D 050625 / DUP-09 | 1,4-Dioxane | 2.9 | 2.8 | AC |
| WW-75D_0506257 DOF-09 | Vinyl chloride | 1.6 | 1.9 | AC |

Note:

AC Acceptable

The calculated RPDs between the parent sample and field duplicate were acceptable.

6. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

All identified compounds met the specified criteria.

7. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

DATA VALIDATION CHECKLIST FOR VOCs

| VOCs: 8260D/8260D-SIM | Rep | orted | | rmance ptable | Not Required |
|---|-------|-------|----|------------------|-----------------|
| | No | Yes | No | Yes | Required |
| GAS CHROMATOGRAPHY/MASS SPECTROMETRY (G | C/MS) | | | | |
| Tier II Validation | | | | | |
| Holding times/Preservation | | Х | | Х | |
| Tier III Validation | | | | | |
| System performance and column resolution | | Х | | Х | |
| Initial calibration %RSDs | | Х | | Х | |
| Continuing calibration RRFs | | Х | | Х | |
| Continuing calibration %Ds | | Х | | Х | |
| Instrument tune and performance check | | Х | | Х | |
| Ion abundance criteria for each instrument used | | Х | | Х | |
| Field Duplicate RPD | | Х | | Х | |
| Internal standard | | Х | | Х | |
| Compound identification and quantitation | | | | | |
| A. Reconstructed ion chromatograms | | Х | | Х | |
| B. Quantitation Reports | | Х | | Х | |
| C. RT of sample compounds within the established RT windows | | Х | | Х | |
| D. Transcription/calculation errors present | | Х | | Х | |
| E. Reporting limits adjusted to reflect sample dilutions | | Х | | Х | |

Notes:

%RSD Relative standard deviation

%R Percent recovery

RPD Relative percent difference

%D Percent difference

VALIDATION PERFORMED BY: Febin J S

SIGNATURE:

DATE: June 13, 2025

PEER REVIEW: Andrew Korycinski

DATE: June 16, 2025

NO CORRECTIONS/QUALIFERS ADDED TO SAMPLE ANALYSIS DATA SHEETS

MICHIGAN 190

Chain of Custody Record

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|--------|------|----------------|
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| | tAm | t <u>Ameri</u> |

| 190 TestAi | merica Labora | tory location: | Farmi | ngton H | allis | 38855 H | lills Te | ch D | rive, | Suite 60 | 0, Farm | nington | Hills | 4833 | 1 | | | | | | | | | THE | LEADER IN ENVIRONMENTAL TESTI |
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| Client Contact | Regulat | ory program: | | Г | DW | Г | NP | DES | | □ RC | RA | П | Other | r | | | | | | | | | | | |
| ompany Name: Arcadis | Client Project | Manager: Mega | n Mec | kley | | Si | te Cor | ıtact: | Sam | antha Sz | paichle | r | | I | ab Co | ontact | Mike | DelN | Jonic | , | | - | | | <u>CestAmerica Laboratories, In</u> COC No: |
| ddress: 28550 Cabot Drive, Suite 500 | Telephone: 248 | .004.2240 | | | | T | lenho | nu. 7. | 48-00 | 4-2240 | | | | - | alanh | one: 3 | 20.40 | 7.030 | 6 | | | - | | -+ | |
| ity/State/Zip: Novi, MI, 48377 | | | | | | | | | | - | | | | | eiepii | one. 3 | JU/ | | | | | | | | 1 of 1 COCs |
| hone: 248-994-2240 | Email: megan. | meckley@arcac | lis.com | | | | Ana | itysis | l urn: | around 1 | ime | 1 | - | - | $\overline{}$ | | | Ar | 1alys | es | | | | F | or lab use only |
| roject Name: Ford LTP | Sampler Name | | | 0 | | T/ | \T if di | (ferent | | ow 3 weeks | | | | -1 | | | | | | | | | | V | Valk-in client |
| | | Kaylee | · L | leKo | Ū | | 10 d | ay | 0 | 2 weeks | | | | | | | | | | | | | ļ | r | ab sampling |
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| O # US3460023914 | Shipping/Track | sing No: | | | | | | | | 1 day | | Filtered Sample (Y / N) | Composite=C / Grab | 00g | cis-1,2-DCE 8260D | Trans-1,2-DCE 8260D | | | Vinyl Chloride 8260D | 1,4-Dioxane 8260D SIM | | | | 1 | ob/SDG No: |
| | | | | Mat | П | , | Т | | | reservat | | ed Sam | osite= | 1,1-DCE 8260D | S-DCE | -1,2-D(| PCE 8260D | TCE 8260D | Chlorid | ioxane | | | | Ť | Sample Specific Notes / |
| Sample Identification | Sample Date | Sample Time | Air. | Sediment | Solid | 112504 | HNO3 | HCI | NaOH | ZaAci NaOii Unpres | Other: | Filter | Com | 1,1-D | cis-1. | Trans | PCE. | 1 <u>CE</u> | Viny | 1,4-D | | | | | Special Instructions: |
| TRIP BLANK_ 5') | | | | 1 | | | | 1 | | | | Ņ | G | X | × | X | X | X | X | | | | | | 1 Trip Blank |
| MW-75D_050625 | 5/4/25 | 1450 | - Section 1 | o | | | | 6 | | | | | | | | | | | | Ϋ́ | | | | | 3 VOAs for 8260D 3 VOAs for 8260D SIM |
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| DUP-09 | 4 | | (| 1 | | | | 6 | | | | | | | | 1 | | | | 1 | | | | | ملا |
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| | | | | | | | T | П | | | | П | 7 | | | | 1 | | | | | | | | 10-224129 COC — |
| Possible Hazard Identification Non-Hazard Identification Kin Irritant | Poise | n B | Jnkno | wn | !!_ | \top | Samp | | | l (A fee Client | | assesse Disposa | | | | retaine | | | an 1 n | | onths | | | | |
| pecial Instructions/QC Requirements & Comments: Belde | en Roh | / | | | | | | | | | | | | | | | | | | | | | | - | |
| ubmit all results through Cadena at jtomalia@cadenaco.co evel IV Reporting requested. | | 203728 | | | | | | | | | | | | | | | | | | | | | | | |
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TestAmence & Design " are trecements of TestAmence Laboratories, In

Definitions/Glossary

Client: Arcadis US Inc.

Job ID: 240-224129-1

Project/Site: Ford LTP

Qualifiers

GC/MS VOA

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

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Client: Arcadis US Inc. Job ID: 240-224129-1

Project/Site: Ford LTP

Date Received: 05/09/25 08:00

Client Sample ID: TRIP BLANK_51

Lab Sample ID: 240-224129-1 Date Collected: 05/06/25 00:00

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS Result Qualifier RLMDL Unit D Prepared Analyzed Dil Fac 1.0 1,1-Dichloroethene 1.0 U 0.49 ug/L 05/15/25 15:53 cis-1,2-Dichloroethene 1.0 U 1.0 0.46 ug/L 05/15/25 15:53 Tetrachloroethene 1.0 U 1.0 0.44 ug/L 05/15/25 15:53 trans-1,2-Dichloroethene 1.0 U 1.0 0.51 ug/L 05/15/25 15:53 Trichloroethene 1.0 U 1.0 0.44 ug/L 05/15/25 15:53 Vinyl chloride 0.45 ug/L 1.0 U 1.0 05/15/25 15:53 %Recovery Qualifier Surrogate Limits Prepared Analyzed Dil Fac 1,2-Dichloroethane-d4 (Surr) 104 62 - 137 05/15/25 15:53 4-Bromofluorobenzene (Surr) 85 05/15/25 15:53 56 - 136 78 - 122 05/15/25 15:53 Toluene-d8 (Surr) 94 Dibromofluoromethane (Surr) 103 73 - 120 05/15/25 15:53

Client: Arcadis US Inc. Job ID: 240-224129-1

Project/Site: Ford LTP

Client Sample ID: MW-75D_050625

Lab Sample ID: 240-224129-2 Date Collected: 05/06/25 14:50

Matrix: Water

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|------|---|----------|----------------|---------|
| 1,4-Dioxane | 2.9 | | 2.0 | 0.86 | ug/L | | | 05/15/25 04:45 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1.2-Dichloroethane-d4 (Surr) | <u></u> | | 68 - 127 | | | | | 05/15/25 04:45 | 1 |

| Method: SW846 8260D - Volatil | | | | | | | | | |
|-------------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| 1,1-Dichloroethene | 1.0 | U | 1.0 | 0.49 | ug/L | | | 05/16/25 00:52 | 1 |
| cis-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.46 | ug/L | | | 05/16/25 00:52 | 1 |
| Tetrachloroethene | 1.0 | U | 1.0 | 0.44 | ug/L | | | 05/16/25 00:52 | 1 |
| trans-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.51 | ug/L | | | 05/16/25 00:52 | 1 |
| Trichloroethene | 1.0 | H | 1.0 | 0.44 | ua/l | | | 05/16/25 00:52 | 1 |

| Vinyl chloride | 1.6 | 1.0 | 0.45 ug/L | | 05/16/25 00:52 | 1 |
|------------------------------|---------------------|---------------------|-----------|----------|----------------|---------|
| Surrogate | %Recovery Qualifier | Limits | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 111 | 62 - 137 | | | 05/16/25 00:52 | 1 |
| 4-Bromofluorobenzene (Surr) | 92 | 56 ₋ 136 | | | 05/16/25 00:52 | 1 |
| Toluene-d8 (Surr) | 101 | 78 - 122 | | | 05/16/25 00:52 | 1 |
| Dibromofluoromethane (Surr) | 110 | 73 - 120 | | | 05/16/25 00:52 | 1 |

Client: Arcadis US Inc. Job ID: 240-224129-1

Project/Site: Ford LTP

Analyte

Date Received: 05/09/25 08:00

Client Sample ID: MW-75SR_050625

Lab Sample ID: 240-224129-3 Date Collected: 05/06/25 15:50

Result Qualifier

Matrix: Water

Analyzed

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|------|---|----------|----------------|---------|
| 1,4-Dioxane | 2.0 | U | 2.0 | 0.86 | ug/L | | | 05/14/25 15:27 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 82 | | 68 - 127 | | | _ | | 05/14/25 15:27 | 1 |

MDL Unit

Prepared

| = | | | | | | • | | |
|------------------------------|-----------|-----------|---------------------|------|------|----------|----------------|---------|
| 1,1-Dichloroethene | 1.0 | U | 1.0 | 0.49 | ug/L | | 05/16/25 01:15 | 1 |
| cis-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.46 | ug/L | | 05/16/25 01:15 | 1 |
| Tetrachloroethene | 1.0 | U | 1.0 | 0.44 | ug/L | | 05/16/25 01:15 | 1 |
| trans-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.51 | ug/L | | 05/16/25 01:15 | 1 |
| Trichloroethene | 1.0 | U | 1.0 | 0.44 | ug/L | | 05/16/25 01:15 | 1 |
| Vinyl chloride | 1.0 | U | 1.0 | 0.45 | ug/L | | 05/16/25 01:15 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 109 | | 62 - 137 | | | | 05/16/25 01:15 | 1 |
| 4-Bromofluorobenzene (Surr) | 90 | | 56 ₋ 136 | | | | 05/16/25 01:15 | 1 |
| Toluene-d8 (Surr) | 98 | | 78 - 122 | | | | 05/16/25 01:15 | 1 |
| Dibromofluoromethane (Surr) | 108 | | 73 - 120 | | | | 05/16/25 01:15 | 1 |

Client: Arcadis US Inc. Job ID: 240-224129-1

Project/Site: Ford LTP

Date Received: 05/09/25 08:00

Client Sample ID: DUP-08

Lab Sample ID: 240-224129-4 Date Collected: 05/06/25 00:00

Matrix: Water

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|------------------|------------|---------------------|------|------|---|----------|----------------|---------|
| 1,4-Dioxane | 2.0 | U | 2.0 | 0.86 | ug/L | | | 05/14/25 15:50 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 83 | | 68 - 127 | | | - | | 05/14/25 15:50 | 1 |
| Method: SW846 8260D - Volati | ile Organic Comp | ounds by G | SC/MS | | | | | | |
| Analyte | • | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| 1,1-Dichloroethene | 1.0 | U | 1.0 | 0.49 | ug/L | | | 05/16/25 01:38 | 1 |
| cis-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.46 | ug/L | | | 05/16/25 01:38 | 1 |
| Tetrachloroethene | 1.0 | U | 1.0 | 0.44 | ug/L | | | 05/16/25 01:38 | 1 |
| trans-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.51 | ug/L | | | 05/16/25 01:38 | 1 |
| Trichloroethene | 1.0 | U | 1.0 | 0.44 | ug/L | | | 05/16/25 01:38 | 1 |
| Vinyl chloride | 1.0 | U | 1.0 | 0.45 | ug/L | | | 05/16/25 01:38 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 105 | | 62 - 137 | | | - | | 05/16/25 01:38 | 1 |
| 4-Bromofluorobenzene (Surr) | 87 | | 56 ₋ 136 | | | | | 05/16/25 01:38 | 1 |
| Toluene-d8 (Surr) | 96 | | 78 - 122 | | | | | 05/16/25 01:38 | 1 |
| Dibromofluoromethane (Surr) | 105 | | 73 - 120 | | | | | 05/16/25 01:38 | 1 |

5/19/2025

Client: Arcadis US Inc. Job ID: 240-224129-1

Project/Site: Ford LTP

Client Sample ID: DUP-09 Lab Sample ID: 240-224129-5

Date Collected: 05/06/25 00:00 Matrix: Water

Date Received: 05/09/25 08:00

4-Bromofluorobenzene (Surr)

Dibromofluoromethane (Surr)

Toluene-d8 (Surr)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|-----------|-----------|----------|------|------|---|----------|----------------|---------|
| 1,4-Dioxane | 2.8 | | 2.0 | 0.86 | ug/L | | | 05/14/25 16:13 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 77 | | 68 - 127 | | | _ | | 05/14/25 16:13 | 1 |
| Method: SW846 8260D - Volat Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
| | | = | | MDI | Unit | D | Prenared | Analyzed | Dil Fac |
| 1,1-Dichloroethene | 1.0 | U | 1.0 | 0.49 | ug/L | | | 05/16/25 02:02 | 1 |
| cis-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.46 | ug/L | | | 05/16/25 02:02 | 1 |
| Tetrachloroethene | 1.0 | U | 1.0 | 0.44 | ug/L | | | 05/16/25 02:02 | 1 |
| trans-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.51 | ug/L | | | 05/16/25 02:02 | 1 |
| Trichloroethene | 1.0 | U | 1.0 | 0.44 | ug/L | | | 05/16/25 02:02 | 1 |
| Vinyl chloride | 1.9 | | 1.0 | 0.45 | ug/L | | | 05/16/25 02:02 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 109 | | 62 - 137 | | | - | | 05/16/25 02:02 | |

56 - 136

78 - 122

73 - 120

87

99

111

5

7

8

10

12

13

05/16/25 02:02

05/16/25 02:02

05/16/25 02:02