

# ANALYTICAL REPORT

## PREPARED FOR

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28550 Cabot Drive  
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Novi, Michigan 48377

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## JOB DESCRIPTION

Ford LTP

## JOB NUMBER

240-249481-1

# 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: 240-249481-1

### Qualifiers

#### GC/MS VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| 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: 240-249481-1

**Job ID: 240-249481-1**

**Eurofins Cleveland**

## **Job Narrative 240-249481-1**

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

### **Receipt**

The samples were received on 5/2/2026 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 2 coolers at receipt time were 2.9°C and 3.3°C.

### **GC/MS VOA**

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-700978 was outside the method criteria for the following analyte(s): Vinyl chloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D SIM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 240-701183 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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: 240-249481-1

| 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: 240-249481-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       | Sample Origin |
|---------------|------------------|--------|----------------|----------------|---------------|
| 240-249481-1  | TRIP BLANK_79    | Water  | 04/30/26 00:00 | 05/02/26 08:00 | Michigan      |
| 240-249481-2  | MW-30_043026     | Water  | 04/30/26 09:30 | 05/02/26 08:00 | Michigan      |
| 240-249481-3  | MW-208S_043026   | Water  | 04/30/26 10:55 | 05/02/26 08:00 | Michigan      |
| 240-249481-4  | MW-31_043026     | Water  | 04/30/26 11:55 | 05/02/26 08:00 | Michigan      |
| 240-249481-5  | MW-40_043026     | Water  | 04/30/26 12:45 | 05/02/26 08:00 | Michigan      |
| 240-249481-6  | DUP-02           | Water  | 04/30/26 00:00 | 05/02/26 08:00 | Michigan      |

## Detection Summary

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

Job ID: 240-249481-1

### Client Sample ID: TRIP BLANK\_79

Lab Sample ID: 240-249481-1

No Detections.

### Client Sample ID: MW-30\_043026

Lab Sample ID: 240-249481-2

| Analyte     | Result | Qualifier | RL  | MDL  | Unit | Dil Fac | D | Method    | Prep Type |
|-------------|--------|-----------|-----|------|------|---------|---|-----------|-----------|
| 1,4-Dioxane | 8.9    |           | 2.0 | 0.86 | ug/L | 1       |   | 8260D SIM | Total/NA  |

### Client Sample ID: MW-208S\_043026

Lab Sample ID: 240-249481-3

No Detections.

### Client Sample ID: MW-31\_043026

Lab Sample ID: 240-249481-4

No Detections.

### Client Sample ID: MW-40\_043026

Lab Sample ID: 240-249481-5

| Analyte                | Result | Qualifier | RL  | MDL  | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-----|------|------|---------|---|--------|-----------|
| cis-1,2-Dichloroethene | 1.5    |           | 1.0 | 0.46 | ug/L | 1       |   | 8260D  | Total/NA  |
| Vinyl chloride         | 0.66   | J         | 1.0 | 0.45 | ug/L | 1       |   | 8260D  | Total/NA  |

### Client Sample ID: DUP-02

Lab Sample ID: 240-249481-6

| Analyte                | Result | Qualifier | RL  | MDL  | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-----|------|------|---------|---|--------|-----------|
| cis-1,2-Dichloroethene | 1.6    |           | 1.0 | 0.46 | 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: 240-249481-1

Client Sample ID: TRIP BLANK\_79

Lab Sample ID: 240-249481-1

Date Collected: 04/30/26 00:00

Matrix: Water

Date Received: 05/02/26 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 |   |          | 05/08/26 10:15 | 1       |
| cis-1,2-Dichloroethene   | 1.0    | U         | 1.0 | 0.46 | ug/L |   |          | 05/08/26 10:15 | 1       |
| Tetrachloroethene        | 1.0    | U         | 1.0 | 0.44 | ug/L |   |          | 05/08/26 10:15 | 1       |
| trans-1,2-Dichloroethene | 1.0    | U         | 1.0 | 0.51 | ug/L |   |          | 05/08/26 10:15 | 1       |
| Trichloroethene          | 1.0    | U         | 1.0 | 0.44 | ug/L |   |          | 05/08/26 10:15 | 1       |
| Vinyl chloride           | 1.0    | U         | 1.0 | 0.45 | ug/L |   |          | 05/08/26 10:15 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 87        |           | 62 - 137 |          | 05/08/26 10:15 | 1       |
| 4-Bromofluorobenzene (Surr)  | 90        |           | 56 - 136 |          | 05/08/26 10:15 | 1       |
| Toluene-d8 (Surr)            | 92        |           | 78 - 122 |          | 05/08/26 10:15 | 1       |
| Dibromofluoromethane (Surr)  | 96        |           | 73 - 120 |          | 05/08/26 10:15 | 1       |

# Client Sample Results

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

Job ID: 240-249481-1

Client Sample ID: MW-30\_043026

Lab Sample ID: 240-249481-2

Date Collected: 04/30/26 09:30

Matrix: Water

Date Received: 05/02/26 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                  | 8.9       |           | 2.0      | 0.86 | ug/L |   |          | 05/09/26 19:09 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 101       |           | 64 - 136 |      |      |   |          | 05/09/26 19:09 | 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 |   |          | 05/08/26 13:24 | 1       |
| cis-1,2-Dichloroethene       | 1.0       | U         | 1.0      | 0.46 | ug/L |   |          | 05/08/26 13:24 | 1       |
| Tetrachloroethene            | 1.0       | U         | 1.0      | 0.44 | ug/L |   |          | 05/08/26 13:24 | 1       |
| trans-1,2-Dichloroethene     | 1.0       | U         | 1.0      | 0.51 | ug/L |   |          | 05/08/26 13:24 | 1       |
| Trichloroethene              | 1.0       | U         | 1.0      | 0.44 | ug/L |   |          | 05/08/26 13:24 | 1       |
| Vinyl chloride               | 1.0       | U         | 1.0      | 0.45 | ug/L |   |          | 05/08/26 13:24 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 88        |           | 62 - 137 |      |      |   |          | 05/08/26 13:24 | 1       |
| 4-Bromofluorobenzene (Surr)  | 88        |           | 56 - 136 |      |      |   |          | 05/08/26 13:24 | 1       |
| Toluene-d8 (Surr)            | 91        |           | 78 - 122 |      |      |   |          | 05/08/26 13:24 | 1       |
| Dibromofluoromethane (Surr)  | 97        |           | 73 - 120 |      |      |   |          | 05/08/26 13:24 | 1       |

# Client Sample Results

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

Job ID: 240-249481-1

Client Sample ID: MW-208S\_043026

Lab Sample ID: 240-249481-3

Date Collected: 04/30/26 10:55

Matrix: Water

Date Received: 05/02/26 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 |   |          | 05/09/26 19:32 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 105       |           | 64 - 136 |      |      |   |          | 05/09/26 19:32 | 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 |   |          | 05/08/26 13:44 | 1       |
| cis-1,2-Dichloroethene       | 1.0       | U         | 1.0      | 0.46 | ug/L |   |          | 05/08/26 13:44 | 1       |
| Tetrachloroethene            | 1.0       | U         | 1.0      | 0.44 | ug/L |   |          | 05/08/26 13:44 | 1       |
| trans-1,2-Dichloroethene     | 1.0       | U         | 1.0      | 0.51 | ug/L |   |          | 05/08/26 13:44 | 1       |
| Trichloroethene              | 1.0       | U         | 1.0      | 0.44 | ug/L |   |          | 05/08/26 13:44 | 1       |
| Vinyl chloride               | 1.0       | U         | 1.0      | 0.45 | ug/L |   |          | 05/08/26 13:44 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 86        |           | 62 - 137 |      |      |   |          | 05/08/26 13:44 | 1       |
| 4-Bromofluorobenzene (Surr)  | 95        |           | 56 - 136 |      |      |   |          | 05/08/26 13:44 | 1       |
| Toluene-d8 (Surr)            | 95        |           | 78 - 122 |      |      |   |          | 05/08/26 13:44 | 1       |
| Dibromofluoromethane (Surr)  | 97        |           | 73 - 120 |      |      |   |          | 05/08/26 13:44 | 1       |

# Client Sample Results

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

Job ID: 240-249481-1

Client Sample ID: MW-31\_043026

Lab Sample ID: 240-249481-4

Date Collected: 04/30/26 11:55

Matrix: Water

Date Received: 05/02/26 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 |   |          | 05/09/26 19:55 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 113       |           | 64 - 136 |      |      |   |          | 05/09/26 19:55 | 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 |   |          | 05/08/26 14:05 | 1       |
| cis-1,2-Dichloroethene       | 1.0       | U         | 1.0      | 0.46 | ug/L |   |          | 05/08/26 14:05 | 1       |
| Tetrachloroethene            | 1.0       | U         | 1.0      | 0.44 | ug/L |   |          | 05/08/26 14:05 | 1       |
| trans-1,2-Dichloroethene     | 1.0       | U         | 1.0      | 0.51 | ug/L |   |          | 05/08/26 14:05 | 1       |
| Trichloroethene              | 1.0       | U         | 1.0      | 0.44 | ug/L |   |          | 05/08/26 14:05 | 1       |
| Vinyl chloride               | 1.0       | U         | 1.0      | 0.45 | ug/L |   |          | 05/08/26 14:05 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 87        |           | 62 - 137 |      |      |   |          | 05/08/26 14:05 | 1       |
| 4-Bromofluorobenzene (Surr)  | 88        |           | 56 - 136 |      |      |   |          | 05/08/26 14:05 | 1       |
| Toluene-d8 (Surr)            | 92        |           | 78 - 122 |      |      |   |          | 05/08/26 14:05 | 1       |
| Dibromofluoromethane (Surr)  | 95        |           | 73 - 120 |      |      |   |          | 05/08/26 14:05 | 1       |

# Client Sample Results

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

Job ID: 240-249481-1

Client Sample ID: MW-40\_043026

Lab Sample ID: 240-249481-5

Date Collected: 04/30/26 12:45

Matrix: Water

Date Received: 05/02/26 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 |   |          | 05/10/26 02:34 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 109       |           | 64 - 136 |      |      |   |          | 05/10/26 02:34 | 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 |   |          | 05/08/26 14:26 | 1       |
| cis-1,2-Dichloroethene       | 1.5       |           | 1.0      | 0.46 | ug/L |   |          | 05/08/26 14:26 | 1       |
| Tetrachloroethene            | 1.0       | U         | 1.0      | 0.44 | ug/L |   |          | 05/08/26 14:26 | 1       |
| trans-1,2-Dichloroethene     | 1.0       | U         | 1.0      | 0.51 | ug/L |   |          | 05/08/26 14:26 | 1       |
| Trichloroethene              | 1.0       | U         | 1.0      | 0.44 | ug/L |   |          | 05/08/26 14:26 | 1       |
| Vinyl chloride               | 0.66      | J         | 1.0      | 0.45 | ug/L |   |          | 05/09/26 11:45 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 91        |           | 62 - 137 |      |      |   |          | 05/08/26 14:26 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 88        |           | 62 - 137 |      |      |   |          | 05/09/26 11:45 | 1       |
| 4-Bromofluorobenzene (Surr)  | 91        |           | 56 - 136 |      |      |   |          | 05/08/26 14:26 | 1       |
| 4-Bromofluorobenzene (Surr)  | 95        |           | 56 - 136 |      |      |   |          | 05/09/26 11:45 | 1       |
| Toluene-d8 (Surr)            | 95        |           | 78 - 122 |      |      |   |          | 05/08/26 14:26 | 1       |
| Toluene-d8 (Surr)            | 96        |           | 78 - 122 |      |      |   |          | 05/09/26 11:45 | 1       |
| Dibromofluoromethane (Surr)  | 97        |           | 73 - 120 |      |      |   |          | 05/08/26 14:26 | 1       |
| Dibromofluoromethane (Surr)  | 94        |           | 73 - 120 |      |      |   |          | 05/09/26 11:45 | 1       |

# Client Sample Results

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

Job ID: 240-249481-1

Client Sample ID: DUP-02

Lab Sample ID: 240-249481-6

Date Collected: 04/30/26 00:00

Matrix: Water

Date Received: 05/02/26 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 |   |          | 05/10/26 02:58 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 109       |           | 64 - 136 |      |      |   |          | 05/10/26 02:58 | 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 |   |          | 05/08/26 14:47 | 1       |
| cis-1,2-Dichloroethene       | 1.6       |           | 1.0      | 0.46 | ug/L |   |          | 05/08/26 14:47 | 1       |
| Tetrachloroethene            | 1.0       | U         | 1.0      | 0.44 | ug/L |   |          | 05/08/26 14:47 | 1       |
| trans-1,2-Dichloroethene     | 1.0       | U         | 1.0      | 0.51 | ug/L |   |          | 05/08/26 14:47 | 1       |
| Trichloroethene              | 1.0       | U         | 1.0      | 0.44 | ug/L |   |          | 05/08/26 14:47 | 1       |
| Vinyl chloride               | 1.0       | U         | 1.0      | 0.45 | ug/L |   |          | 05/09/26 12:06 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 91        |           | 62 - 137 |      |      |   |          | 05/08/26 14:47 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 88        |           | 62 - 137 |      |      |   |          | 05/09/26 12:06 | 1       |
| 4-Bromofluorobenzene (Surr)  | 90        |           | 56 - 136 |      |      |   |          | 05/08/26 14:47 | 1       |
| 4-Bromofluorobenzene (Surr)  | 90        |           | 56 - 136 |      |      |   |          | 05/09/26 12:06 | 1       |
| Toluene-d8 (Surr)            | 95        |           | 78 - 122 |      |      |   |          | 05/08/26 14:47 | 1       |
| Toluene-d8 (Surr)            | 95        |           | 78 - 122 |      |      |   |          | 05/09/26 12:06 | 1       |
| Dibromofluoromethane (Surr)  | 95        |           | 73 - 120 |      |      |   |          | 05/08/26 14:47 | 1       |
| Dibromofluoromethane (Surr)  | 97        |           | 73 - 120 |      |      |   |          | 05/09/26 12:06 | 1       |

# Surrogate Summary

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

Job ID: 240-249481-1

## 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<br>(62-137)                                | BFB<br>(56-136) | TOL<br>(78-122) | DBFM<br>(73-120) |
| 240-249477-C-4 MS                  | Matrix Spike           | 82                                             | 91              | 91              | 92               |
| 240-249477-D-4 MSD                 | Matrix Spike Duplicate | 86                                             | 90              | 92              | 94               |
| 240-249480-D-3 MS                  | Matrix Spike           | 92                                             | 94              | 95              | 91               |
| 240-249480-F-3 MSD                 | Matrix Spike Duplicate | 90                                             | 95              | 96              | 95               |
| 240-249481-1                       | TRIP BLANK_79          | 87                                             | 90              | 92              | 96               |
| 240-249481-2                       | MW-30_043026           | 88                                             | 88              | 91              | 97               |
| 240-249481-3                       | MW-208S_043026         | 86                                             | 95              | 95              | 97               |
| 240-249481-4                       | MW-31_043026           | 87                                             | 88              | 92              | 95               |
| 240-249481-5                       | MW-40_043026           | 91                                             | 91              | 95              | 97               |
| 240-249481-5                       | MW-40_043026           | 88                                             | 95              | 96              | 94               |
| 240-249481-6                       | DUP-02                 | 91                                             | 90              | 95              | 95               |
| 240-249481-6                       | DUP-02                 | 88                                             | 90              | 95              | 97               |
| LCS 240-700978/4                   | Lab Control Sample     | 84                                             | 95              | 95              | 96               |
| LCS 240-701155/4                   | Lab Control Sample     | 87                                             | 95              | 95              | 91               |
| MB 240-700978/7                    | Method Blank           | 85                                             | 95              | 92              | 92               |
| MB 240-701155/7                    | Method Blank           | 87                                             | 92              | 93              | 94               |
| <b>Surrogate Legend</b>            |                        |                                                |                 |                 |                  |
| 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<br>(64-136)                                |  |  |  |
| 240-249481-2                       | MW-30_043026           | 101                                            |  |  |  |
| 240-249481-3                       | MW-208S_043026         | 105                                            |  |  |  |
| 240-249481-4                       | MW-31_043026           | 113                                            |  |  |  |
| 240-249481-5                       | MW-40_043026           | 109                                            |  |  |  |
| 240-249481-6                       | DUP-02                 | 109                                            |  |  |  |
| 500-285649-B-3 MS                  | Matrix Spike           | 106                                            |  |  |  |
| 500-285649-C-3 MSD                 | Matrix Spike Duplicate | 104                                            |  |  |  |
| LCS 240-701180/4                   | Lab Control Sample     | 96                                             |  |  |  |
| LCS 240-701183/4                   | Lab Control Sample     | 109                                            |  |  |  |
| MB 240-701180/5                    | Method Blank           | 96                                             |  |  |  |
| MB 240-701183/5                    | Method Blank           | 104                                            |  |  |  |
| <b>Surrogate Legend</b>            |                        |                                                |  |  |  |
| DCA = 1,2-Dichloroethane-d4 (Surr) |                        |                                                |  |  |  |

# QC Sample Results

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

Job ID: 240-249481-1

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

Lab Sample ID: MB 240-700978/7

Matrix: Water

Analysis Batch: 700978

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 |   |          | 05/08/26 08:24 | 1       |
| cis-1,2-Dichloroethene   | 1.0       | U            | 1.0 | 0.46 | ug/L |   |          | 05/08/26 08:24 | 1       |
| Tetrachloroethene        | 1.0       | U            | 1.0 | 0.44 | ug/L |   |          | 05/08/26 08:24 | 1       |
| trans-1,2-Dichloroethene | 1.0       | U            | 1.0 | 0.51 | ug/L |   |          | 05/08/26 08:24 | 1       |
| Trichloroethene          | 1.0       | U            | 1.0 | 0.44 | ug/L |   |          | 05/08/26 08:24 | 1       |
| Vinyl chloride           | 1.0       | U            | 1.0 | 0.45 | ug/L |   |          | 05/08/26 08:24 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 85           |              | 62 - 137 |          | 05/08/26 08:24 | 1       |
| 4-Bromofluorobenzene (Surr)  | 95           |              | 56 - 136 |          | 05/08/26 08:24 | 1       |
| Toluene-d8 (Surr)            | 92           |              | 78 - 122 |          | 05/08/26 08:24 | 1       |
| Dibromofluoromethane (Surr)  | 92           |              | 73 - 120 |          | 05/08/26 08:24 | 1       |

Lab Sample ID: LCS 240-700978/4

Matrix: Water

Analysis Batch: 700978

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       | 50.0        | 44.5       |               | ug/L |   | 89   | 63 - 134    |
| cis-1,2-Dichloroethene   | 50.0        | 47.8       |               | ug/L |   | 96   | 77 - 123    |
| Tetrachloroethene        | 50.0        | 54.1       |               | ug/L |   | 108  | 76 - 123    |
| trans-1,2-Dichloroethene | 50.0        | 49.6       |               | ug/L |   | 99   | 75 - 124    |
| Trichloroethene          | 50.0        | 49.5       |               | ug/L |   | 99   | 70 - 122    |
| Vinyl chloride           | 50.0        | 38.8       |               | ug/L |   | 78   | 60 - 144    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 84            |               | 62 - 137 |
| 4-Bromofluorobenzene (Surr)  | 95            |               | 56 - 136 |
| Toluene-d8 (Surr)            | 95            |               | 78 - 122 |
| Dibromofluoromethane (Surr)  | 96            |               | 73 - 120 |

Lab Sample ID: 240-249477-C-4 MS

Matrix: Water

Analysis Batch: 700978

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1-Dichloroethene       | 1.0           | U                | 50.0        | 46.4      |              | ug/L |   | 93   | 56 - 135    |
| cis-1,2-Dichloroethene   | 1.0           | U                | 50.0        | 47.0      |              | ug/L |   | 94   | 66 - 128    |
| Tetrachloroethene        | 1.0           | U                | 50.0        | 52.7      |              | ug/L |   | 105  | 62 - 131    |
| trans-1,2-Dichloroethene | 1.0           | U                | 50.0        | 48.4      |              | ug/L |   | 97   | 56 - 136    |
| Trichloroethene          | 1.0           | U                | 50.0        | 50.4      |              | ug/L |   | 101  | 61 - 124    |
| Vinyl chloride           | 1.0           | U                | 50.0        | 38.4      |              | ug/L |   | 77   | 43 - 157    |

| Surrogate                    | MS %Recovery | MS Qualifier | Limits   |
|------------------------------|--------------|--------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 82           |              | 62 - 137 |
| 4-Bromofluorobenzene (Surr)  | 91           |              | 56 - 136 |
| Toluene-d8 (Surr)            | 91           |              | 78 - 122 |

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# QC Sample Results

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

Job ID: 240-249481-1

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

Lab Sample ID: 240-249477-C-4 MS

Matrix: Water

Analysis Batch: 700978

Client Sample ID: Matrix Spike

Prep Type: Total/NA

|                             | MS        | MS        |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| Dibromofluoromethane (Surr) | 92        |           | 73 - 120 |

Lab Sample ID: 240-249477-D-4 MSD

Matrix: Water

Analysis Batch: 700978

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

| Analyte                  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 1,1-Dichloroethene       | 1.0           | U                | 50.0        | 45.0       |               | ug/L |   | 90   | 56 - 135    | 3   | 26        |
| cis-1,2-Dichloroethene   | 1.0           | U                | 50.0        | 45.6       |               | ug/L |   | 91   | 66 - 128    | 3   | 14        |
| Tetrachloroethene        | 1.0           | U                | 50.0        | 52.0       |               | ug/L |   | 104  | 62 - 131    | 1   | 20        |
| trans-1,2-Dichloroethene | 1.0           | U                | 50.0        | 47.8       |               | ug/L |   | 96   | 56 - 136    | 1   | 15        |
| Trichloroethene          | 1.0           | U                | 50.0        | 48.5       |               | ug/L |   | 97   | 61 - 124    | 4   | 15        |
| Vinyl chloride           | 1.0           | U                | 50.0        | 38.3       |               | ug/L |   | 77   | 43 - 157    | 0   | 24        |

|                              | MSD       | MSD       |          |
|------------------------------|-----------|-----------|----------|
| Surrogate                    | %Recovery | Qualifier | Limits   |
| 1,2-Dichloroethane-d4 (Surr) | 86        |           | 62 - 137 |
| 4-Bromofluorobenzene (Surr)  | 90        |           | 56 - 136 |
| Toluene-d8 (Surr)            | 92        |           | 78 - 122 |
| Dibromofluoromethane (Surr)  | 94        |           | 73 - 120 |

Lab Sample ID: MB 240-701155/7

Matrix: Water

Analysis Batch: 701155

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 |   |          | 05/09/26 09:19 | 1       |
| cis-1,2-Dichloroethene   | 1.0       | U            | 1.0 | 0.46 | ug/L |   |          | 05/09/26 09:19 | 1       |
| Tetrachloroethene        | 1.0       | U            | 1.0 | 0.44 | ug/L |   |          | 05/09/26 09:19 | 1       |
| trans-1,2-Dichloroethene | 1.0       | U            | 1.0 | 0.51 | ug/L |   |          | 05/09/26 09:19 | 1       |
| Trichloroethene          | 1.0       | U            | 1.0 | 0.44 | ug/L |   |          | 05/09/26 09:19 | 1       |
| Vinyl chloride           | 1.0       | U            | 1.0 | 0.45 | ug/L |   |          | 05/09/26 09:19 | 1       |

|                              | MB        | MB        |          |          |                |         |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 87        |           | 62 - 137 |          | 05/09/26 09:19 | 1       |
| 4-Bromofluorobenzene (Surr)  | 92        |           | 56 - 136 |          | 05/09/26 09:19 | 1       |
| Toluene-d8 (Surr)            | 93        |           | 78 - 122 |          | 05/09/26 09:19 | 1       |
| Dibromofluoromethane (Surr)  | 94        |           | 73 - 120 |          | 05/09/26 09:19 | 1       |

Lab Sample ID: LCS 240-701155/4

Matrix: Water

Analysis Batch: 701155

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       | 50.0        | 44.8       |               | ug/L |   | 90   | 63 - 134    |
| cis-1,2-Dichloroethene   | 50.0        | 47.8       |               | ug/L |   | 96   | 77 - 123    |
| Tetrachloroethene        | 50.0        | 53.6       |               | ug/L |   | 107  | 76 - 123    |
| trans-1,2-Dichloroethene | 50.0        | 48.6       |               | ug/L |   | 97   | 75 - 124    |
| Trichloroethene          | 50.0        | 49.4       |               | ug/L |   | 99   | 70 - 122    |

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# QC Sample Results

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

Job ID: 240-249481-1

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

Lab Sample ID: LCS 240-701155/4

Matrix: Water

Analysis Batch: 701155

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------------|-------------|------------|---------------|------|---|------|-------------|
| Vinyl chloride | 50.0        | 40.4       |               | ug/L |   | 81   | 60 - 144    |

|                              | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| <b>Surrogate</b>             |               |               |          |
| 1,2-Dichloroethane-d4 (Surr) | 87            |               | 62 - 137 |
| 4-Bromofluorobenzene (Surr)  | 95            |               | 56 - 136 |
| Toluene-d8 (Surr)            | 95            |               | 78 - 122 |
| Dibromofluoromethane (Surr)  | 91            |               | 73 - 120 |

Lab Sample ID: 240-249480-D-3 MS

Matrix: Water

Analysis Batch: 701155

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 1,1-Dichloroethene       | 1.0           | U                | 50.0        | 44.9      |              | ug/L |   | 90   | 56 - 135    |
| cis-1,2-Dichloroethene   | 17            |                  | 50.0        | 62.5      |              | ug/L |   | 92   | 66 - 128    |
| Tetrachloroethene        | 1.0           | U                | 50.0        | 51.3      |              | ug/L |   | 103  | 62 - 131    |
| trans-1,2-Dichloroethene | 1.8           |                  | 50.0        | 49.3      |              | ug/L |   | 95   | 56 - 136    |
| Trichloroethene          | 1.0           | U                | 50.0        | 47.8      |              | ug/L |   | 96   | 61 - 124    |
| Vinyl chloride           | 8.5           |                  | 50.0        | 45.9      |              | ug/L |   | 75   | 43 - 157    |

|                              | MS %Recovery | MS Qualifier | Limits   |
|------------------------------|--------------|--------------|----------|
| <b>Surrogate</b>             |              |              |          |
| 1,2-Dichloroethane-d4 (Surr) | 92           |              | 62 - 137 |
| 4-Bromofluorobenzene (Surr)  | 94           |              | 56 - 136 |
| Toluene-d8 (Surr)            | 95           |              | 78 - 122 |
| Dibromofluoromethane (Surr)  | 91           |              | 73 - 120 |

Lab Sample ID: 240-249480-F-3 MSD

Matrix: Water

Analysis Batch: 701155

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

| Analyte                  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 1,1-Dichloroethene       | 1.0           | U                | 50.0        | 46.4       |               | ug/L |   | 93   | 56 - 135    | 3   | 26        |
| cis-1,2-Dichloroethene   | 17            |                  | 50.0        | 63.0       |               | ug/L |   | 93   | 66 - 128    | 1   | 14        |
| Tetrachloroethene        | 1.0           | U                | 50.0        | 51.6       |               | ug/L |   | 103  | 62 - 131    | 1   | 20        |
| trans-1,2-Dichloroethene | 1.8           |                  | 50.0        | 50.9       |               | ug/L |   | 98   | 56 - 136    | 3   | 15        |
| Trichloroethene          | 1.0           | U                | 50.0        | 46.6       |               | ug/L |   | 93   | 61 - 124    | 3   | 15        |
| Vinyl chloride           | 8.5           |                  | 50.0        | 48.3       |               | ug/L |   | 79   | 43 - 157    | 5   | 24        |

|                              | MSD %Recovery | MSD Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| <b>Surrogate</b>             |               |               |          |
| 1,2-Dichloroethane-d4 (Surr) | 90            |               | 62 - 137 |
| 4-Bromofluorobenzene (Surr)  | 95            |               | 56 - 136 |
| Toluene-d8 (Surr)            | 96            |               | 78 - 122 |
| Dibromofluoromethane (Surr)  | 95            |               | 73 - 120 |

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# QC Sample Results

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

Job ID: 240-249481-1

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

Lab Sample ID: MB 240-701180/5

Matrix: Water

Analysis Batch: 701180

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                      | MB<br>Result    | MB<br>Qualifier | RL       | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------------|-----------------|----------|------|------|---|----------|----------------|---------|
| 1,4-Dioxane                  | 2.0             | U               | 2.0      | 0.86 | ug/L |   |          | 05/09/26 14:50 | 1       |
| Surrogate                    | MB<br>%Recovery | MB<br>Qualifier | Limits   |      |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 96              |                 | 64 - 136 |      |      |   |          | 05/09/26 14:50 | 1       |

Lab Sample ID: LCS 240-701180/4

Matrix: Water

Analysis Batch: 701180

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                      |                  |                  | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|------------------------------|------------------|------------------|----------------|---------------|------------------|------|---|------|----------------|
| 1,4-Dioxane                  |                  |                  | 10.0           | 8.45          |                  | ug/L |   | 84   | 68 - 120       |
| Surrogate                    | LCS<br>%Recovery | LCS<br>Qualifier | Limits         |               |                  |      |   |      |                |
| 1,2-Dichloroethane-d4 (Surr) | 96               |                  | 64 - 136       |               |                  |      |   |      |                |

Lab Sample ID: 500-285649-B-3 MS

Matrix: Water

Analysis Batch: 701180

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte                      | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|------------------------------|------------------|---------------------|----------------|--------------|-----------------|------|---|------|----------------|
| 1,4-Dioxane                  | 4.0              |                     | 10.0           | 13.0         |                 | ug/L |   | 90   | 45 - 145       |
| Surrogate                    | MS<br>%Recovery  | MS<br>Qualifier     | Limits         |              |                 |      |   |      |                |
| 1,2-Dichloroethane-d4 (Surr) | 106              |                     | 64 - 136       |              |                 |      |   |      |                |

Lab Sample ID: 500-285649-C-3 MSD

Matrix: Water

Analysis Batch: 701180

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

| Analyte                      | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MSD<br>Result | MSD<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits | RPD | RPD<br>Limit |
|------------------------------|------------------|---------------------|----------------|---------------|------------------|------|---|------|----------------|-----|--------------|
| 1,4-Dioxane                  | 4.0              |                     | 10.0           | 12.0          |                  | ug/L |   | 80   | 45 - 145       | 8   | 19           |
| Surrogate                    | MSD<br>%Recovery | MSD<br>Qualifier    | Limits         |               |                  |      |   |      |                |     |              |
| 1,2-Dichloroethane-d4 (Surr) | 104              |                     | 64 - 136       |               |                  |      |   |      |                |     |              |

Lab Sample ID: MB 240-701183/5

Matrix: Water

Analysis Batch: 701183

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                      | MB<br>Result    | MB<br>Qualifier | RL       | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------------|-----------------|----------|------|------|---|----------|----------------|---------|
| 1,4-Dioxane                  | 2.0             | U               | 2.0      | 0.86 | ug/L |   |          | 05/10/26 01:47 | 1       |
| Surrogate                    | MB<br>%Recovery | MB<br>Qualifier | Limits   |      |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 104             |                 | 64 - 136 |      |      |   |          | 05/10/26 01:47 | 1       |

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# QC Sample Results

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

Job ID: 240-249481-1

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

Lab Sample ID: LCS 240-701183/4

Matrix: Water

Analysis Batch: 701183

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          | 8.85          |               | ug/L |   | 89   | 68 - 120    |
| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits        |      |   |      |             |
| 1,2-Dichloroethane-d4 (Surr) | 109           |               | 64 - 136      |      |   |      |             |

# QC Association Summary

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

Job ID: 240-249481-1

## GC/MS VOA

### Analysis Batch: 700978

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 240-249481-1       | TRIP BLANK_79          | Total/NA  | Water  | 8260D  |            |
| 240-249481-2       | MW-30_043026           | Total/NA  | Water  | 8260D  |            |
| 240-249481-3       | MW-208S_043026         | Total/NA  | Water  | 8260D  |            |
| 240-249481-4       | MW-31_043026           | Total/NA  | Water  | 8260D  |            |
| 240-249481-5       | MW-40_043026           | Total/NA  | Water  | 8260D  |            |
| 240-249481-6       | DUP-02                 | Total/NA  | Water  | 8260D  |            |
| MB 240-700978/7    | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 240-700978/4   | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| 240-249477-C-4 MS  | Matrix Spike           | Total/NA  | Water  | 8260D  |            |
| 240-249477-D-4 MSD | Matrix Spike Duplicate | Total/NA  | Water  | 8260D  |            |

### Analysis Batch: 701155

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 240-249481-5       | MW-40_043026           | Total/NA  | Water  | 8260D  |            |
| 240-249481-6       | DUP-02                 | Total/NA  | Water  | 8260D  |            |
| MB 240-701155/7    | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 240-701155/4   | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| 240-249480-D-3 MS  | Matrix Spike           | Total/NA  | Water  | 8260D  |            |
| 240-249480-F-3 MSD | Matrix Spike Duplicate | Total/NA  | Water  | 8260D  |            |

### Analysis Batch: 701180

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method    | Prep Batch |
|--------------------|------------------------|-----------|--------|-----------|------------|
| 240-249481-2       | MW-30_043026           | Total/NA  | Water  | 8260D SIM |            |
| 240-249481-3       | MW-208S_043026         | Total/NA  | Water  | 8260D SIM |            |
| 240-249481-4       | MW-31_043026           | Total/NA  | Water  | 8260D SIM |            |
| MB 240-701180/5    | Method Blank           | Total/NA  | Water  | 8260D SIM |            |
| LCS 240-701180/4   | Lab Control Sample     | Total/NA  | Water  | 8260D SIM |            |
| 500-285649-B-3 MS  | Matrix Spike           | Total/NA  | Water  | 8260D SIM |            |
| 500-285649-C-3 MSD | Matrix Spike Duplicate | Total/NA  | Water  | 8260D SIM |            |

### Analysis Batch: 701183

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method    | Prep Batch |
|------------------|--------------------|-----------|--------|-----------|------------|
| 240-249481-5     | MW-40_043026       | Total/NA  | Water  | 8260D SIM |            |
| 240-249481-6     | DUP-02             | Total/NA  | Water  | 8260D SIM |            |
| MB 240-701183/5  | Method Blank       | Total/NA  | Water  | 8260D SIM |            |
| LCS 240-701183/4 | Lab Control Sample | Total/NA  | Water  | 8260D SIM |            |

# Lab Chronicle

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

Job ID: 240-249481-1

**Client Sample ID: TRIP BLANK\_79**

**Lab Sample ID: 240-249481-1**

Date Collected: 04/30/26 00:00

Matrix: Water

Date Received: 05/02/26 08:00

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 700978       | TJL2    | EET CLE | 05/08/26 10:15       |

**Client Sample ID: MW-30\_043026**

**Lab Sample ID: 240-249481-2**

Date Collected: 04/30/26 09:30

Matrix: Water

Date Received: 05/02/26 08:00

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 700978       | TJL2    | EET CLE | 05/08/26 13:24       |
| Total/NA  | Analysis   | 8260D SIM    |     | 1               | 701180       | MDH     | EET CLE | 05/09/26 19:09       |

**Client Sample ID: MW-208S\_043026**

**Lab Sample ID: 240-249481-3**

Date Collected: 04/30/26 10:55

Matrix: Water

Date Received: 05/02/26 08:00

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 700978       | TJL2    | EET CLE | 05/08/26 13:44       |
| Total/NA  | Analysis   | 8260D SIM    |     | 1               | 701180       | MDH     | EET CLE | 05/09/26 19:32       |

**Client Sample ID: MW-31\_043026**

**Lab Sample ID: 240-249481-4**

Date Collected: 04/30/26 11:55

Matrix: Water

Date Received: 05/02/26 08:00

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 700978       | TJL2    | EET CLE | 05/08/26 14:05       |
| Total/NA  | Analysis   | 8260D SIM    |     | 1               | 701180       | MDH     | EET CLE | 05/09/26 19:55       |

**Client Sample ID: MW-40\_043026**

**Lab Sample ID: 240-249481-5**

Date Collected: 04/30/26 12:45

Matrix: Water

Date Received: 05/02/26 08:00

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 700978       | TJL2    | EET CLE | 05/08/26 14:26       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 701155       | TJL2    | EET CLE | 05/09/26 11:45       |
| Total/NA  | Analysis   | 8260D SIM    |     | 1               | 701183       | MDH     | EET CLE | 05/10/26 02:34       |

**Client Sample ID: DUP-02**

**Lab Sample ID: 240-249481-6**

Date Collected: 04/30/26 00:00

Matrix: Water

Date Received: 05/02/26 08:00

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 700978       | TJL2    | EET CLE | 05/08/26 14:47       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 701155       | TJL2    | EET CLE | 05/09/26 12:06       |
| Total/NA  | Analysis   | 8260D SIM    |     | 1               | 701183       | MDH     | EET CLE | 05/10/26 02:58       |

Eurofins Cleveland

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

Job ID: 240-249481-1

Laboratory References:

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

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## Accreditation/Certification Summary

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

Job ID: 240-249481-1

### 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 |
|--------------------|---------------------|-----------------------|-----------------|
| Connecticut        | State               | PH-0806               | 09-30-26        |
| Georgia            | State               | 4062                  | 02-27-27        |
| Illinois           | NELAP               | 200004                | 08-31-26        |
| Iowa               | State               | 421                   | 06-01-27        |
| Kansas             | NELAP               | E-10336               | 01-31-27        |
| Kentucky (WW)      | State               | KY98016               | 12-31-26        |
| Michigan           | State               | 9135                  | 01-10-27        |
| Minnesota          | NELAP               | 039-999-348           | 12-31-26        |
| New Hampshire      | NELAP               | 2250                  | 09-30-26        |
| New Jersey         | NELAP               | OH001                 | 06-30-26        |
| New York           | NELAP               | 10975                 | 04-01-27        |
| Ohio               | State               | 8303                  | 02-28-27        |
| Ohio VAP           | State               | ORELAP 4062           | 02-28-27        |
| Oregon             | NELAP               | 4062                  | 02-27-27        |
| Pennsylvania       | NELAP               | 68-00340              | 08-31-26        |
| Texas              | NELAP               | T104704517            | 08-31-26        |
| US Fish & Wildlife | US Federal Programs | A26406                | 02-28-27        |
| USDA               | US Federal Programs | 525-24-5-34740        | 01-05-27        |
| Virginia           | NELAP               | 460175                | 09-30-26        |
| West Virginia DEP  | State               | 210                   | 12-31-26        |
| Wisconsin          | State               | 399167560             | 08-31-26        |



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**TestAmerica Laboratories, Inc.**



240-249481 COC

|                                                                                                                                                                                                                                               |                         |                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------------------------------------|
| Eurofins - Cleveland Sample Receipt Form/Narrative<br>Barberton Facility                                                                                                                                                                      |                         | Page # _____                                   |
| Client <u>ARCADIS</u>                                                                                                                                                                                                                         |                         | Site Name _____                                |
| Cooler Received on <u>5/2/26</u>                                                                                                                                                                                                              | Opened on <u>5/2/26</u> |                                                |
| FedEx: 1 <sup>st</sup> Grd Exp UPS FAS Waypoint                                                                                                                                                                                               | Client Drop Off         | Eurofins Courier Other                         |
| Receipt After-hours, Drop-off Date/Time _____                                                                                                                                                                                                 |                         | Storage Location _____                         |
| Eurofins Cooler # <u>EC</u>                                                                                                                                                                                                                   | Foam Box                | Client Cooler Box Other _____                  |
| Packing material used. Bubble Wrap Foam Plastic Bag None Other _____                                                                                                                                                                          |                         |                                                |
| COOLANT: <u>Wet Ice</u>                                                                                                                                                                                                                       | Blue Ice                | Dry Ice Water None                             |
| 1 Cooler temperature upon receipt <input checked="" type="checkbox"/> See Multiple Cooler Form                                                                                                                                                |                         |                                                |
| IR GUN # <u>1</u> (CF TD <u>2</u> °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp _____ °C                                                                                                                                           |                         |                                                |
| 2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity <u>1</u> <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA                                  |                         |                                                |
| -Were the seals on the outside of the cooler(s) signed & dated? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA                                                         |                         |                                                |
| -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/Methg)? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA                                                |                         |                                                |
| -Were tamper/custody seals intact and uncompromised? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA                                                                    |                         |                                                |
| 3 Shippers' packing slip attached to the cooler(s)? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA                                                                     |                         |                                                |
| 4 Did custody papers accompany the sample(s)? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA                                                                           |                         |                                                |
| 5 Were the custody papers relinquished & signed in the appropriate place? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA                                               |                         |                                                |
| 6 Was/were the person(s) who collected the samples clearly identified on the COC? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA                                       |                         |                                                |
| 7 Did all bottles arrive in good condition (Unbroken)? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA                                                                  |                         |                                                |
| 8 Could all bottle labels (ID/Date/Time) be reconciled with the COC? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA                                                    |                         |                                                |
| 9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA |                         |                                                |
| 10 Were correct bottle(s) used for the test(s) indicated? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA                                                               |                         |                                                |
| 11 Sufficient quantity received to perform indicated analyses? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA                                                          |                         |                                                |
| 12 Are these work share samples and all listed on the COC? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA                                                              |                         |                                                |
| If yes, Questions 13-17 have been checked at the originating laboratory                                                                                                                                                                       |                         |                                                |
| 13 Were all preserved sample(s) at the correct pH upon receipt? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA pH Strip Lot# HC574455                                  |                         |                                                |
| 14 Were VOAs on the COC? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA                                                                                                |                         |                                                |
| 15 Were air bubbles >6 mm in any VOA vials? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA                                                                             |                         |                                                |
| 16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # <u>0222401</u> <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA                                       |                         |                                                |
| 17 Was a LL Hg or Me Hg trip blank present? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA                                                                             |                         |                                                |
| Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____                                                                                                                                                                      |                         |                                                |
| Concerning _____                                                                                                                                                                                                                              |                         |                                                |
| 18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES <input type="checkbox"/> additional next page                                                                                                                                                     |                         | Labeled by: _____<br>Labels Verified 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 _____                                                                                                                                                                                         |                         |                                                |

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

**Login #**

5/11/2026

[illegible]



5/2/2026

Login Container Summary Report

240-249481

5/11/2026

Temperature readings.

| <u>Client Sample ID</u> | <u>Lab ID</u>  | <u>Container Type</u>             | <u>Container</u><br><u>pH</u> | <u>Preservation</u><br><u>Temp</u> | <u>Added</u> | <u>Preservation</u><br><u>Lot Number</u> |
|-------------------------|----------------|-----------------------------------|-------------------------------|------------------------------------|--------------|------------------------------------------|
| TRIP BLANK_79           | 240-249481-A-1 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| MW-30_043026            | 240-249481-A-2 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| MW-30_043026            | 240-249481-B-2 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| MW-30_043026            | 240-249481-C-2 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| MW-30_043026            | 240-249481-D-2 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| MW-30_043026            | 240-249481-E-2 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| MW-30_043026            | 240-249481-F-2 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| MW-208S_043026          | 240-249481-A-3 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| MW-208S_043026          | 240-249481-B-3 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| MW-208S_043026          | 240-249481-C-3 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| MW-208S_043026          | 240-249481-D-3 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| MW-208S_043026          | 240-249481-E-3 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| MW-208S_043026          | 240-249481-F-3 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| MW-31_043026            | 240-249481-A-4 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| MW-31_043026            | 240-249481-B-4 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| MW-31_043026            | 240-249481-C-4 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| MW-31_043026            | 240-249481-D-4 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| MW-31_043026            | 240-249481-E-4 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| MW-31_043026            | 240-249481-F-4 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| MW-40_043026            | 240-249481-A-5 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| MW-40_043026            | 240-249481-B-5 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| MW-40_043026            | 240-249481-C-5 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| MW-40_043026            | 240-249481-D-5 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| MW-40_043026            | 240-249481-E-5 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| MW-40_043026            | 240-249481-F-5 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| DUP-02                  | 240-249481-A-6 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| DUP-02                  | 240-249481-B-6 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| DUP-02                  | 240-249481-C-6 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| DUP-02                  | 240-249481-D-6 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| DUP-02                  | 240-249481-E-6 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |
| DUP-02                  | 240-249481-F-6 | Voa Vial 40ml - Hydrochloric Acid | _____                         | _____                              | _____        | _____                                    |

# DATA VERIFICATION REPORT



May 12, 2026

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: 30309849.401.04

Event Specific Scope of Work References: Sample COC

Laboratory: Eurofins Environment Testing LLC - Cleveland

Laboratory submittal: 249481-1

Sample date: 2026-04-30

Report received by CADENA: 2026-05-12

Initial Data Verification completed by CADENA: 2026-05-12

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:

GCMS VOC QC batch CCV response outliers as noted in the laboratory submittal case narrative were not used to qualify client sample results as part of this level 2 data package verification review.

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

Analytical Results Summary

CADENA Project ID: E203728  
Laboratory: Eurofins Environment Testing LLC - Cleveland  
Laboratory Submittal: 249481-1

|                          |          |                            |       |       |           |              |       |       |           |                |       |       |           |              |       |       |           |              |       |       |           |            |       |       |           |
|--------------------------|----------|----------------------------|-------|-------|-----------|--------------|-------|-------|-----------|----------------|-------|-------|-----------|--------------|-------|-------|-----------|--------------|-------|-------|-----------|------------|-------|-------|-----------|
|                          |          | Sample Name: TRIP BLANK_79 |       |       |           | MW-30_043026 |       |       |           | MW-208S_043026 |       |       |           | MW-31_043026 |       |       |           | MW-40_043026 |       |       |           | DUP-02     |       |       |           |
|                          |          | Lab Sample ID: 2402494811  |       |       |           | 2402494812   |       |       |           | 2402494813     |       |       |           | 2402494814   |       |       |           | 2402494815   |       |       |           | 2402494816 |       |       |           |
|                          |          | Sample Date: 4/30/2026     |       |       |           | 4/30/2026    |       |       |           | 4/30/2026      |       |       |           | 4/30/2026    |       |       |           | 4/30/2026    |       |       |           | 4/30/2026  |       |       |           |
| 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           | 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  | ---       | 1.5          | 1.0   | ug/l  | ---       | 1.6        | 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  | ---       | 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  | ---       | 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  | ---       | ND         | 1.0   | ug/l  | ---       |
| Vinyl chloride           | 75-01-4  | ND                         | 1.0   | ug/l  | ---       | ND           | 1.0   | ug/l  | ---       | ND             | 1.0   | ug/l  | ---       | ND           | 1.0   | ug/l  | ---       | 0.66         | 1.0   | ug/l  | J         | ND         | 1.0   | ug/l  | ---       |
| OSW-8260DSIM             |          |                            |       |       |           |              |       |       |           |                |       |       |           |              |       |       |           |              |       |       |           |            |       |       |           |
| 1,4-Dioxane              | 123-91-1 |                            |       |       |           | 8.9          | 2.0   | ug/l  | ---       | ND             | 2.0   | ug/l  | ---       | ND           | 2.0   | ug/l  | ---       | ND           | 2.0   | ug/l  | ---       | ND         | 2.0   | ug/l  | ---       |