ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Megan Meckley Arcadis US Inc. 28550 Cabot Drive Suite 500 Novi, Michigan 48377 Generated 5/19/2025 6:57:49 AM

JOB DESCRIPTION

Ford LTP

JOB NUMBER

240-224191-1

Eurofins Cleveland 180 S. Van Buren Avenue Barberton OH 44203



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Job Notes

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Authorization

Generated 5/19/2025 6:57:49 AM

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

Laboratory Job ID: 240-224191-1

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Definitions/Glossary

Client: Arcadis US Inc. Job ID: 240-224191-1

Project/Site: Ford LTP

Qualifiers

| G | CI | M | IS | V | Ö | A |
|---|----|---|----|---|---|---|
| | | | | | | |

Qualifier **Qualifier Description** Result exceeded calibration range.

U Indicates the analyte was analyzed for but not detected.

Glossary

| C.000 a., | |
|------------------|--|
| 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 |
| DI | Detection Limit (DoD/DOE) |

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample Decision Level Concentration (Radiochemistry) DLC

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

EPA recommended "Maximum Contaminant Level" MCL MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit Minimum Level (Dioxin) ML 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) Toxicity Equivalent Quotient (Dioxin) TEQ

TNTC Too Numerous To Count

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Case Narrative

Client: Arcadis US Inc. Project: Ford LTP

Job ID: 240-224191-1 Eurofins Cleveland

Job Narrative 240-224191-1

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

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

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

Receipt

The samples were received on 5/10/2025 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.6°C and 1.0°C.

GC/MS VOA

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

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Job ID: 240-224191-1

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Method Summary

Client: Arcadis US Inc.

Project/Site: Ford LTP

Job ID: 240-224191-1

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

Protocol References:

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

Laboratory References:

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

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Sample Summary

Client: Arcadis US Inc.

Project/Site: Ford LTP

Job ID: 240-224191-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---------------|------------------|--------|----------------|----------------|
| 240-224191-1 | TRIP BLANK_92 | Water | 05/08/25 00:00 | 05/10/25 08:00 |
| 240-224191-2 | MW-67_050825 | Water | 05/08/25 12:20 | 05/10/25 08:00 |
| 240-224191-3 | MW-58 050825 | Water | 05/08/25 13:25 | 05/10/25 08:00 |

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Detection Summary

Client: Arcadis US Inc. Job ID: 240-224191-1 Project/Site: Ford LTP

Lab Sample ID: 240-224191-1 Client Sample ID: TRIP BLANK_92

No Detections.

Client Sample ID: MW-67_050825 Lab Sample ID: 240-224191-2

| Analyte | Result Qualifier | RL | MDL Unit | Dil Fac | Method | Prep Type |
|------------------------|------------------|-----|-----------|---------|--------|-----------|
| cis-1,2-Dichloroethene | 1.4 | 1.0 | 0.46 ug/L | 1 | 8260D | Total/NA |
| Trichloroethene | 37 | 1.0 | 0.44 ug/L | 1 | 8260D | Total/NA |

Client Sample ID: MW-58_050825 Lab Sample ID: 240-224191-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|-------------|--------|-----------|-----|------|------|---------|---|-----------|-----------|
| 1,4-Dioxane | 6.4 | | 2.0 | 0.86 | ug/L | 1 | | 8260D SIM | Total/NA |

Client Sample Results

Client: Arcadis US Inc. Job ID: 240-224191-1

Project/Site: Ford LTP

Date Received: 05/10/25 08:00

Client Sample ID: TRIP BLANK_92

Lab Sample ID: 240-224191-1 Date Collected: 05/08/25 00:00

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS Result Qualifier RLMDL Unit D Prepared Analyzed Dil Fac 1.0 1,1-Dichloroethene 1.0 U 0.49 ug/L 05/16/25 13:46 cis-1,2-Dichloroethene 1.0 U 1.0 0.46 ug/L 05/16/25 13:46 Tetrachloroethene 1.0 U 1.0 0.44 ug/L 05/16/25 13:46 trans-1,2-Dichloroethene 1.0 U 1.0 0.51 ug/L 05/16/25 13:46 Trichloroethene 1.0 U 1.0 0.44 ug/L 05/16/25 13:46 Vinyl chloride 0.45 ug/L 1.0 U 1.0 05/16/25 13:46 %Recovery Qualifier Surrogate Limits Prepared Analyzed Dil Fac 1,2-Dichloroethane-d4 (Surr) 86 62 - 137 05/16/25 13:46 4-Bromofluorobenzene (Surr) 82 05/16/25 13:46 56 - 136 101 78 - 122 05/16/25 13:46 Toluene-d8 (Surr) Dibromofluoromethane (Surr) 90 73 - 120 05/16/25 13:46

Client Sample Results

Client: Arcadis US Inc. Job ID: 240-224191-1

Project/Site: Ford LTP

Client Sample ID: MW-67_050825

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

Date Collected: 05/08/25 12:20
Date Received: 05/10/25 08:00

Matrix: Water

Lab Sample ID: 240-224191-2

| Method: SW846 8260D SIM - V | olatile Organic C | ompounds | (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 | | | 05/15/25 03:11 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 76 | | 68 - 127 | | | - | | 05/15/25 03:11 | 1 |

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|-----------|-----------|--------|------|------|---|----------|----------------|---------|
| 1,1-Dichloroethene | 1.0 | U | 1.0 | 0.49 | ug/L | | | 05/16/25 17:42 | 1 |
| cis-1,2-Dichloroethene | 1.4 | | 1.0 | 0.46 | ug/L | | | 05/16/25 17:42 | 1 |
| Tetrachloroethene | 1.0 | U | 1.0 | 0.44 | ug/L | | | 05/16/25 17:42 | 1 |
| trans-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.51 | ug/L | | | 05/16/25 17:42 | 1 |
| Trichloroethene | 37 | | 1.0 | 0.44 | ug/L | | | 05/16/25 17:42 | 1 |
| Vinyl chloride | 1.0 | U | 1.0 | 0.45 | ug/L | | | 05/16/25 17:42 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4.0 Diablementhana d4.(0) | | | | | | _ | | 05/40/05 47:40 | |

| Surrogate | %Recovery | Qualifier | Limits | | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|---|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 87 | | 62 - 137 | - | | 05/16/25 17:42 | 1 |
| 4-Bromofluorobenzene (Surr) | 83 | | 56 - 136 | | | 05/16/25 17:42 | 1 |
| Toluene-d8 (Surr) | 103 | | 78 - 122 | | | 05/16/25 17:42 | 1 |
| Dibromofluoromethane (Surr) | 91 | | 73 - 120 | | | 05/16/25 17:42 | 1 |

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Client Sample Results

Client: Arcadis US Inc. Job ID: 240-224191-1

Project/Site: Ford LTP

Trichloroethene

Client Sample ID: MW-58_050825

Lab Sample ID: 240-224191-3 Date Collected: 05/08/25 13:25

1.0 U

Matrix: Water

05/17/25 05:52

Date Received: 05/10/25 08:00

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|------------------------------------|---------------------|----------|--------------|--------------|------------|----------|-------------------------|---------------|
| 1,4-Dioxane | 6.4 | | 2.0 | 0.86 | ug/L | | | 05/15/25 03:34 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 73 | | 68 - 127 | | | | | 05/15/25 03:34 | |
| Method: SW846 8260D - Volat | | ounds by G | | | | | | 00/10/20 00:04 | • |
| Method: SW846 8260D - Volat Analyte | tile Organic Comp | ounds by G | | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| | tile Organic Comp | Qualifier | C/MS | | Unit ug/L | <u>D</u> . | Prepared | | Dil Fac |
| Analyte | tile Organic Comp | Qualifier U | GC/MS | 0.49 | | <u>D</u> . | Prepared | Analyzed | Dil Fac |
| Analyte 1,1-Dichloroethene | tile Organic Comp Result 1.0 | Qualifier U U | RL 1.0 | 0.49 0.46 | ug/L | <u> </u> | Prepared | Analyzed 05/17/25 05:52 | Dil Fac 1 1 1 |

| Vinyl chloride | 1.0 U | 1.0 | 0.45 ug/L | | 05/17/25 05:52 | 1 |
|------------------------------|---------------------|---------------------|-----------|----------|----------------|---------|
| Surrogate | %Recovery Qualifier | Limits | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 90 | 62 - 137 | | | 05/17/25 05:52 | 1 |
| 4-Bromofluorobenzene (Surr) | 83 | 56 ₋ 136 | | | 05/17/25 05:52 | 1 |
| Toluene-d8 (Surr) | 104 | 78 - 122 | | | 05/17/25 05:52 | 1 |
| Dibromofluoromethane (Surr) | 92 | 73 - 120 | | | 05/17/25 05:52 | 1 |

1.0

0.44 ug/L

Surrogate Summary

Client: Arcadis US Inc. Job ID: 240-224191-1 Project/Site: Ford LTP

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

Matrix: Water Prep Type: Total/NA

| | | | | Percent Sui | rrogate Recover | y (Acceptance |
|--------------------|------------------------|----------|----------|-------------|-----------------|---------------|
| | | DCA | BFB | TOL | DBFM | |
| Lab Sample ID | Client Sample ID | (62-137) | (56-136) | (78-122) | (73-120) | |
| 240-224191-1 | TRIP BLANK_92 | 86 | 82 | 101 | 90 | |
| 240-224191-2 | MW-67_050825 | 87 | 83 | 103 | 91 | |
| 240-224191-3 | MW-58_050825 | 90 | 83 | 104 | 92 | |
| 240-224204-B-3 MS | Matrix Spike | 85 | 89 | 105 | 92 | |
| 240-224204-B-3 MSD | Matrix Spike Duplicate | 85 | 88 | 104 | 93 | |
| 240-224303-B-3 MS | Matrix Spike | 87 | 87 | 103 | 91 | |
| 40-224303-B-3 MSD | Matrix Spike Duplicate | 84 | 87 | 103 | 89 | |
| .CS 240-656261/5 | Lab Control Sample | 82 | 88 | 103 | 92 | |
| .CS 240-656328/3 | Lab Control Sample | 82 | 86 | 102 | 91 | |
| MB 240-656261/9 | Method Blank | 85 | 84 | 104 | 89 | |
| MB 240-656328/7 | Method Blank | 88 | 84 | 104 | 93 | |

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

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

Matrix: Water Prep Type: Total/NA

| | | | Percent Surrogate Recovery (Acceptance Limits) |
|--------------------|------------------------|----------|--|
| | | DCA | |
| Lab Sample ID | Client Sample ID | (68-127) | |
| 240-224191-2 | MW-67_050825 | 76 | |
| 240-224191-3 | MW-58_050825 | 73 | |
| 240-224193-D-3 MS | Matrix Spike | 77 | |
| 240-224193-E-3 MSD | Matrix Spike Duplicate | 70 | |
| LCS 240-656033/3 | Lab Control Sample | 78 | |
| MB 240-656033/5 | Method Blank | 76 | |
| Surrogate Legend | | | |

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Client: Arcadis US Inc. Job ID: 240-224191-1

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

Lab Sample ID: MB 240-656261/9

Matrix: Water

Project/Site: Ford LTP

Analysis Batch: 656261

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

MB MB Dil Fac Analyte Result Qualifier RLMDL Unit Prepared Analyzed 1,1-Dichloroethene 1.0 U 1.0 0.49 ug/L 05/16/25 10:37 cis-1,2-Dichloroethene 1.0 U 1.0 0.46 ug/L 05/16/25 10:37 1.0 U 1.0 0.44 ug/L 05/16/25 10:37 Tetrachloroethene trans-1,2-Dichloroethene 1.0 U 05/16/25 10:37 1.0 0.51 ug/L Trichloroethene 1.0 U 1.0 0.44 ug/L 05/16/25 10:37 Vinyl chloride 1.0 U 1.0 0.45 ug/L 05/16/25 10:37

MB MB

| Surrogate | %Recovery Quality | ifier Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-------------------|---------------------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 85 | 62 - 137 | | 05/16/25 10:37 | 1 |
| 4-Bromofluorobenzene (Surr) | 84 | 56 ₋ 136 | | 05/16/25 10:37 | 1 |
| Toluene-d8 (Surr) | 104 | 78 - 122 | | 05/16/25 10:37 | 1 |
| Dibromofluoromethane (Surr) | 89 | 73 - 120 | | 05/16/25 10:37 | 1 |

Lab Sample ID: LCS 240-656261/5

Matrix: Water

Analysis Batch: 656261

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| | Бріке | LUS | LUS | | | | %Rec | |
|--------------------------|--------------|--------|-----------|------|---|------|----------|--|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| 1,1-Dichloroethene | 25.0 | 23.1 | | ug/L | | 93 | 63 - 134 | |
| cis-1,2-Dichloroethene | 25.0 | 22.9 | | ug/L | | 92 | 77 - 123 | |
| Tetrachloroethene | 25.0 | 25.9 | | ug/L | | 103 | 76 - 123 | |
| trans-1,2-Dichloroethene | 25.0 | 22.9 | | ug/L | | 92 | 75 - 124 | |
| Trichloroethene | 25.0 | 24.7 | | ug/L | | 99 | 70 - 122 | |
| Vinyl chloride | 25.0 | 23.9 | | ug/L | | 96 | 60 - 144 | |

LCS LCS

| Surrogate | %Recovery | Qualifier | Limits |
|------------------------------|-----------|-----------|---------------------|
| 1,2-Dichloroethane-d4 (Surr) | 82 | | 62 - 137 |
| 4-Bromofluorobenzene (Surr) | 88 | | 56 ₋ 136 |
| Toluene-d8 (Surr) | 103 | | 78 - 122 |
| Dibromofluoromethane (Surr) | 92 | | 73 - 120 |

Lab Sample ID: 240-224204-B-3 MS

Matrix: Water

Analysis Batch: 656261

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

| | Sample | Sample | Spike | MS | MS | | | | %Rec |
|--------------------------|--------|-----------|-------|--------|-----------|------|---|------|----------|
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits |
| 1,1-Dichloroethene | 80 | U | 2000 | 1790 | | ug/L | | 89 | 56 - 135 |
| cis-1,2-Dichloroethene | 780 | | 2000 | 2590 | | ug/L | | 91 | 66 - 128 |
| Tetrachloroethene | 80 | U | 2000 | 1930 | | ug/L | | 97 | 62 - 131 |
| trans-1,2-Dichloroethene | 80 | U | 2000 | 1820 | | ug/L | | 91 | 56 - 136 |
| Trichloroethene | 3900 | | 2000 | 5550 | E | ug/L | | 82 | 61 - 124 |
| Vinyl chloride | 92 | | 2000 | 2010 | | ug/L | | 96 | 43 - 157 |

MS MS

| Surrogate | %Recovery Qu | alifier Limits |
|------------------------------|--------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 85 | 62 - 137 |
| 4-Bromofluorobenzene (Surr) | 89 | 56 - 136 |
| Toluene-d8 (Surr) | 105 | 78 - 122 |

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Client: Arcadis US Inc. Job ID: 240-224191-1

Project/Site: Ford LTP

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

Matrix: Water

Analysis Batch: 656261

Client Sample ID: Matrix Spike

Prep Type: Total/NA

MS MS

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

Lab Sample ID: 240-224204-B-3 MSD

Lab Sample ID: 240-224204-B-3 MS

Matrix: Water

Analysis Batch: 656261

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

| | Sample | Sample | Spike | MSD | MSD | | | | %Rec | | RPD |
|--------------------------|--------|-----------|-------|--------|-----------|------|---|------|----------|-----|-------|
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| 1,1-Dichloroethene | 80 | U | 2000 | 1770 | | ug/L | | 88 | 56 - 135 | 1 | 26 |
| cis-1,2-Dichloroethene | 780 | | 2000 | 2600 | | ug/L | | 91 | 66 - 128 | 0 | 14 |
| Tetrachloroethene | 80 | U | 2000 | 1860 | | ug/L | | 93 | 62 - 131 | 4 | 20 |
| trans-1,2-Dichloroethene | 80 | U | 2000 | 1820 | | ug/L | | 91 | 56 - 136 | 0 | 15 |
| Trichloroethene | 3900 | | 2000 | 5570 | E | ug/L | | 83 | 61 - 124 | 0 | 15 |
| Vinyl chloride | 92 | | 2000 | 1930 | | ug/L | | 92 | 43 - 157 | 4 | 24 |
| | | | | | | | | | | | |

MSD MSD

| Surrogate | %Recovery | Qualifier | Limits |
|------------------------------|-----------|-----------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 85 | | 62 - 137 |
| 4-Bromofluorobenzene (Surr) | 88 | | 56 - 136 |
| Toluene-d8 (Surr) | 104 | | 78 - 122 |
| Dibromofluoromethane (Surr) | 93 | | 73 - 120 |

Client Sample ID: Method Blank

Prep Type: Total/NA

Analysis Batch: 656328

Matrix: Water

Lab Sample ID: MB 240-656328/7

мв мв

| | IVID | INID | | | | | | | |
|--------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| 1,1-Dichloroethene | 1.0 | U | 1.0 | 0.49 | ug/L | | | 05/16/25 22:49 | 1 |
| cis-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.46 | ug/L | | | 05/16/25 22:49 | 1 |
| Tetrachloroethene | 1.0 | U | 1.0 | 0.44 | ug/L | | | 05/16/25 22:49 | 1 |
| trans-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.51 | ug/L | | | 05/16/25 22:49 | 1 |
| Trichloroethene | 1.0 | U | 1.0 | 0.44 | ug/L | | | 05/16/25 22:49 | 1 |
| Vinyl chloride | 1.0 | U | 1.0 | 0.45 | ug/L | | | 05/16/25 22:49 | 1 |
| | | | | | | | | | |

MB MB

| Surrogate | %Recovery G | Qualifier Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-------------|---------------------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 88 | 62 - 137 | | 05/16/25 22:49 | 1 |
| 4-Bromofluorobenzene (Surr) | 84 | 56 ₋ 136 | | 05/16/25 22:49 | 1 |
| Toluene-d8 (Surr) | 104 | 78 ₋ 122 | | 05/16/25 22:49 | 1 |
| Dibromofluoromethane (Surr) | 93 | 73 - 120 | | 05/16/25 22:49 | 1 |

Lab Sample ID: LCS 240-656328/3

Matrix: Water

Analysis Batch: 656328

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

| | Spike | LCS | LCS | | | | %Rec | |
|--------------------------|-------|--------|-----------|------|---|------|----------|--|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| 1,1-Dichloroethene | 25.0 | 23.2 | | ug/L | | 93 | 63 - 134 | |
| cis-1,2-Dichloroethene | 25.0 | 23.7 | | ug/L | | 95 | 77 - 123 | |
| Tetrachloroethene | 25.0 | 24.6 | | ug/L | | 98 | 76 - 123 | |
| trans-1,2-Dichloroethene | 25.0 | 23.1 | | ug/L | | 92 | 75 - 124 | |
| Trichloroethene | 25.0 | 26.1 | | ug/L | | 104 | 70 - 122 | |

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QC Sample Results

Client: Arcadis US Inc. Job ID: 240-224191-1

Project/Site: Ford LTP

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

Lab Sample ID: LCS 240-656328/3 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 656328

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits 60 - 144 Vinyl chloride 25.0 22.6 ug/L

| | LCS | LCS | |
|------------------------------|-----------|-----------|---------------------|
| Surrogate | %Recovery | Qualifier | Limits |
| 1,2-Dichloroethane-d4 (Surr) | 82 | | 62 - 137 |
| 4-Bromofluorobenzene (Surr) | 86 | | 56 ₋ 136 |
| Toluene-d8 (Surr) | 102 | | 78 - 122 |
| Dibromofluoromethane (Surr) | 91 | | 73 - 120 |

Lab Sample ID: 240-224303-B-3 MS

Analysis Batch: 656328

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

| | Sample | Sample | Spike | MS | MS | | | | %Rec | |
|--------------------------|--------|-----------|-------|--------|-----------|------|---|------|----------|--|
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| 1,1-Dichloroethene | 13 | U | 313 | 260 | | ug/L | | 83 | 56 - 135 | |
| cis-1,2-Dichloroethene | 490 | | 313 | 729 | | ug/L | | 77 | 66 - 128 | |
| Tetrachloroethene | 13 | U | 313 | 245 | | ug/L | | 78 | 62 - 131 | |
| trans-1,2-Dichloroethene | 13 | U | 313 | 263 | | ug/L | | 84 | 56 - 136 | |
| Trichloroethene | 100 | | 313 | 344 | | ug/L | | 77 | 61 - 124 | |
| Vinyl chloride | 320 | | 313 | 567 | | ug/L | | 79 | 43 - 157 | |

| | MS | MS | |
|------------------------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 1,2-Dichloroethane-d4 (Surr) | 87 | | 62 - 137 |
| 4-Bromofluorobenzene (Surr) | 87 | | 56 - 136 |
| Toluene-d8 (Surr) | 103 | | 78 - 122 |
| Dibromofluoromethane (Surr) | 91 | | 73 - 120 |

Matrix: Water

Analysis Batch: 656328

Lab Sample ID: 240-224303-B-3 MSD **Client Sample ID: Matrix Spike Duplicate** Prep Type: Total/NA

| | Sample | Sample | Spike | MSD | MSD | | | | %Rec | | RPD |
|--------------------------|--------|-----------|-------|--------|-----------|------|---|------|----------|-----|-------|
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| 1,1-Dichloroethene | 13 | U | 313 | 266 | | ug/L | | 85 | 56 - 135 | 2 | 26 |
| cis-1,2-Dichloroethene | 490 | | 313 | 736 | | ug/L | | 79 | 66 - 128 | 1 | 14 |
| Tetrachloroethene | 13 | U | 313 | 255 | | ug/L | | 82 | 62 - 131 | 4 | 20 |
| trans-1,2-Dichloroethene | 13 | U | 313 | 269 | | ug/L | | 86 | 56 - 136 | 2 | 15 |
| Trichloroethene | 100 | | 313 | 359 | | ug/L | | 81 | 61 - 124 | 4 | 15 |
| Vinyl chloride | 320 | | 313 | 572 | | ug/L | | 80 | 43 - 157 | 1 | 24 |

| | MSD | MSD | |
|------------------------------|-----------|-----------|---------------------|
| Surrogate | %Recovery | Qualifier | Limits |
| 1,2-Dichloroethane-d4 (Surr) | 84 | | 62 - 137 |
| 4-Bromofluorobenzene (Surr) | 87 | | 56 ₋ 136 |
| Toluene-d8 (Surr) | 103 | | 78 - 122 |
| Dibromofluoromethane (Surr) | 89 | | 73 - 120 |

Eurofins Cleveland

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

Job ID: 240-224191-1

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

Lab Sample ID: MB 240-656033/5 Client Sample ID: Method Blank

Matrix: Water Prep Type: Total/NA

Analysis Batch: 656033

| | MB | MB | | | | | | | |
|-------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| 1,4-Dioxane | 2.0 | U | 2.0 | 0.86 | ug/L | | | 05/15/25 01:37 | 1 |

MB MB

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 68 - 127 05/15/25 01:37 1,2-Dichloroethane-d4 (Surr) 76

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

Matrix: Water

Analysis Batch: 656033

| | Spike | LCS | LCS | | | | %Rec | |
|-------------|-------|--------|-----------|------|---|------|----------|--|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | |
| 1,4-Dioxane | 10.0 | 8.86 | | ug/L | | 89 | 75 _ 121 | |

LCS LCS

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

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

Matrix: Water

1,4-Dioxane

| Analysis Batch: 656033 | | | | | | | | |
|------------------------|------------------|-------|------------|-------------|---|------|--------|--|
| | Sample Sample | Spike | MS MS | | | | %Rec | |
| Analyte | Result Qualifier | Added | Result Qua | lifier Unit | D | %Rec | Limits | |

10.0

ug/L

100

20 - 180

Prep Type: Total/NA

10.0

2.0 U MS MS

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

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

Matrix: Water

Analysis Batch: 656033

| | Sample | Sample | Spike | MSD | MSD | | | | %Rec | | RPD |
|-------------|--------|-----------|-------|--------|-----------|------|---|------|--------|-----|-------|
| Analyte | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
| 1.4-Dioyane | 2.0 | П | 10.0 | 10.5 | | ua/l | | 105 | 20 180 | | 20 |

MSD MSD

%Recovery Qualifier Surrogate Limits 1,2-Dichloroethane-d4 (Surr) 70 68 - 127

Eurofins Cleveland

QC Association Summary

Client: Arcadis US Inc.

Project/Site: Ford LTP

Job ID: 240-224191-1

GC/MS VOA

Analysis Batch: 656033

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|-----------|------------|
| 240-224191-2 | MW-67_050825 | Total/NA | Water | 8260D SIM | |
| 240-224191-3 | MW-58_050825 | Total/NA | Water | 8260D SIM | |
| MB 240-656033/5 | Method Blank | Total/NA | Water | 8260D SIM | |
| LCS 240-656033/3 | Lab Control Sample | Total/NA | Water | 8260D SIM | |
| 240-224193-D-3 MS | Matrix Spike | Total/NA | Water | 8260D SIM | |
| 240-224193-E-3 MSD | Matrix Spike Duplicate | Total/NA | Water | 8260D SIM | |

Analysis Batch: 656261

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Bato |
|--------------------|------------------------|-----------|--------|--------|-----------|
| 240-224191-1 | TRIP BLANK_92 | Total/NA | Water | 8260D | |
| 240-224191-2 | MW-67_050825 | Total/NA | Water | 8260D | |
| MB 240-656261/9 | Method Blank | Total/NA | Water | 8260D | |
| LCS 240-656261/5 | Lab Control Sample | Total/NA | Water | 8260D | |
| 240-224204-B-3 MS | Matrix Spike | Total/NA | Water | 8260D | |
| 240-224204-B-3 MSD | Matrix Spike Duplicate | Total/NA | Water | 8260D | |

Analysis Batch: 656328

| | Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method Prep Batch |
|---|--------------------|------------------------|-----------|--------|-------------------|
| | 240-224191-3 | MW-58_050825 | Total/NA | Water | 8260D |
| | MB 240-656328/7 | Method Blank | Total/NA | Water | 8260D |
| | LCS 240-656328/3 | Lab Control Sample | Total/NA | Water | 8260D |
| ı | 240-224303-B-3 MS | Matrix Spike | Total/NA | Water | 8260D |
| | 240-224303-B-3 MSD | Matrix Spike Duplicate | Total/NA | Water | 8260D |

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Lab Chronicle

Client: Arcadis US Inc. Job ID: 240-224191-1

Project/Site: Ford LTP

Client Sample ID: TRIP BLANK_92

Lab Sample ID: 240-224191-1 Date Collected: 05/08/25 00:00 Matrix: Water

Date Received: 05/10/25 08:00

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Туре | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260D | | 1 | 656261 | MS | EET CLE | 05/16/25 13:46 |

Client Sample ID: MW-67_050825 Lab Sample ID: 240-224191-2

Date Collected: 05/08/25 12:20 Matrix: Water

Date Received: 05/10/25 08:00

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|-----------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260D | | 1 | 656261 | MS | EET CLE | 05/16/25 17:42 |
| Total/NA | Analysis | 8260D SIM | | 1 | 656033 | R5XG | EET CLE | 05/15/25 03:11 |

Client Sample ID: MW-58_050825 Lab Sample ID: 240-224191-3

Date Collected: 05/08/25 13:25 Matrix: Water

Date Received: 05/10/25 08:00

| | Batch | Batch | | Dilution | Batch | | | Prepared |
|-----------|----------|-----------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type | Method | Run | Factor | Number | Analyst | Lab | or Analyzed |
| Total/NA | Analysis | 8260D | | 1 | 656328 | MS | EET CLE | 05/17/25 05:52 |
| Total/NA | Analysis | 8260D SIM | | 1 | 656033 | R5XG | EET CLE | 05/15/25 03:34 |

Laboratory References:

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

Accreditation/Certification Summary

Client: Arcadis US Inc. Job ID: 240-224191-1

Project/Site: Ford LTP

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority | Program | Identification Number | Expiration Date | | |
|--------------------|---------------------|-----------------------|-----------------|--|--|
| Connecticut | State | PH-0806 | 12-31-26 | | |
| Georgia | State | 4062 | 02-27-26 | | |
| Illinois | NELAP | 200004 | 08-31-25 | | |
| lowa | State | 421 | 06-01-25 | | |
| Kansas | NELAP | E-10336 | 01-31-26 | | |
| Kentucky (UST) | State | 112225 | 02-28-26 | | |
| Kentucky (WW) | State | KY98016 | 12-31-25 | | |
| Minnesota | NELAP | 039-999-348 | 12-31-25 | | |
| New Hampshire | NELAP | 225024 | 09-30-25 | | |
| New Jersey | NELAP | OH001 | 07-03-25 | | |
| New York | NELAP | 10975 | 04-01-26 | | |
| North Dakota | State | R-244 | 02-27-26 | | |
| Ohio | State | 8303 | 11-04-25 | | |
| Ohio VAP | State | ORELAP 4062 | 02-28-26 | | |
| Oregon | NELAP | 4062 | 02-27-26 | | |
| Pennsylvania | NELAP | 68-00340 | 08-31-25 | | |
| Texas | NELAP | T104704517-22-19 | 08-31-25 | | |
| US Fish & Wildlife | US Federal Programs | A26406 | 02-28-26 | | |
| USDA | US Federal Programs | P330-18-00281 | 01-05-27 | | |
| Virginia | NELAP | 460175 | 09-14-25 | | |
| West Virginia DEP | State | 210 | 12-31-25 | | |
| Wisconsin | State | 399167560 | 08-31-25 | | |

MICHIGAN

Chain of Custody Record

10/1

<u>TestAmerica</u>

| Client Contact | tAmerica Labora Regulat | ory program: | | | DW | | □ NI | | | ┌ R | | | Othe | | wh con | - | | | | _ | | | | |
|--|----------------------------|----------------|----------|----------|--|---------------------|---------|-----------------|-------|------------------|----------|-------------------------|------------------|------------------------|-------------------|---------------|-----------|------------|----------------------|-----------------------|--------------|-----------|--|-----------|
| Company Name: Arcadis | | | | | | | | | | | | | | | | | | | | | | | TestAmerica Laborator | ries, Inc |
| Address: 28550 Cabot Drive, Suite 500 | Client Project | Manager: Mega | n Mec | kley | | | Site Co | ntact: | Sam | antha S | Szpaichl | ler | | | Lab C | ontac | t: Mik | e Del! | Monice | | | | COC No: | |
| | Telephone: 248 | -994-2240 | | | - | \neg | Teleph | one: 2 | 48-99 | 94-2240 | | - | Telephone: 330- | | | | | 0-497-9396 | | | | | | |
| City/State/Zip: Novi, MI, 48377 | Email: mesan | neckley@arcad | lie com | | | \dashv | An | alvsis | Turn | around | Time | me I I | | | | | | Analyses | | | | 1 of 1 CO | Cs | |
| Phone: 248-994-2240 | Eman, megan. | neckiey(warea) | 113.0011 | | | | | | | | | _ | | | | | | | | | | | | |
| Project Name: Ford LTP | Sampler Name | Joannes Names | | | TATife | lifferent | | oclow 3 week | , L | - 10 | | | | | | | | | | Walk-in client | | | | |
| - | Jeruny Myes | | | | 10 0 | lay | V | 2 week | S | | | | | | | | | _ | | | Lab sampling | ACTOR | | |
| Project Number: 30251157.401.04 | Method of Ship | ment/Carrier: | | | | | | | | 1 week 2 days | | 2 | 9 □ | - 1 | | 9 | | | ٥ | S | | | | |
| PO # US3460023914 | Shipping/Track | ing No: | | | | | | | | 1 day | | ple (V | 2/Gra | 00 | 8260D | CE 8260D | | | e 8260 | 8260D | | | Job/SDG No: | |
| | | | - | Ma | trix | | С | ontaine | ers & | Preserv | attves | - Sa | Ire | 826 | CE | 2-D(| 90 | 6 | lorid | ane | | | | |
| Sample Identification | Sample Date | Sample Time | J.F. | Aqueeus | Solid | Oilect: | HXO1 | HCI | NaOH | Zako | Olher: | Filtered Sample (V / N) | Composite=C/Grab | 1,1-DCE 8260D | cis-1,2-DCE 8260D | Trans-1,2-DCE | PCE 8260D | TCE 8260D | Vinyl Chloride 8260D | 1,4-Dioxane 8260D SIM | | | Sample Specific Not Special Instruction | |
| TRIP BLANK_97 | | | | 1 | | | | 1 | Г | | Ť | _ | G | X | | Х | Х | Х | Х | | | | 1 Trip Blank | |
| MU-67_656825 | 05/26/25 | 17:20 | | 6 | | | | 6 | | | | N | 5 | × | X | × | * | × | × | X | | | 3 VOAs for 8260D 3 VOAs for 8260D | |
| MW-58 -020852 | 05/08/25 | 13:25 | | 6 | | | | 6 | | | | N | 6 | X | χ | × | X | × | X | 8 | | | T | |
| | | 100 | | | | | | | | | | | | | | Ì | | | | | | | | ., |
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| | | | H | | | | | T | | | | T | | | | | | F | | | | | | |
| | | | \Box | + | | | | | | | | + | | | | | | E | نعد | 191 CO | ic | | | |
| | | | T | | | | | | | | | | П | | | | ٦, | 240 | 1-224 | 1 | T | | | |
| | | | T | | | | | | | | | \top | П | | | | | | | | | | | |
| Possible Hazard Identification ▼ Non-Hazard | unt Poisc | n B 「 | Jnkne | own | | | Sam | ple Di Rett | spos: | al (A fe | e may b | e asses Dispo | sed if sal By | sampl Lab | es are | retair A | ned lor | ger th | han l 1 | nonth) Month | ıs | | | |
| Special Instructions/QC Requirements & Comments: | :41 | | | | | | | | | | | | | | | | | | | | | | | |
| Submit all results through Cadena at jtomalia@cadenacd | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished by: J. My 63 | Company: | adis | Γ | Date/Tip | me: | 7.5 | 150 | 00 | Rec | cived by | /Jui | (, id | 5 | Tor | ase | | | Comp | any | edis | | | Date/Time: 05/08/25 | 500 |
| Relinquished by: | Company: Date/Time: 5/9/25 | | | | 25 | Marifa Received by: | | | | | | Company Date/Time: | | | Date/Time: 5/9/05 | | | | | | | | | |
| Relinquished by: | Company | 2014 | Ē | Date Ti | mg s | 2 | | | | | | Comp | эру: | Date/Time: 5710 25 080 | | | | | | | | | | |
| 001 | | VII | | 21 | \mathcal{M} | 7 | V | r | _ | _/_ | 1/4 | | 1 | <u></u> | 1 | | | | <u>_</u> | _ | | | 12/10/52 | <u>00</u> |

| 19. SAMPLE CONDITION Sample(s) | 18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES | Chent Areabers Chent Areabers Cooler Receipt (19 in this receipt 19 in this receipt 19 in the part of many of the person of the part of many of the part of the |
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Page 21 of 23

WI-NC-099 Cooler Receipt Form Page 2 Multiple Coolers

Page 22 of 23

5/19/2025

5/10/2025

Login Container Summary Report

240-224191

| MW-58_050825 240-22 | MW-58_050825 240-22 | MW-58_050825 240-22 | MW-58_050825 240-22 | MW-58_050825 240-22 | MW-58_050825 240-22 | MW-67_050825 240-22 | MW-67_050825 240-22 | MW-67_050825 240-22 | MW-67_050825 240-22 | MW-67_050825 240-22 | MW-67_050825 240-22 | TRIP BLANK_92 240-22 | Client Sample ID Lab ID | Temperature readings |
|-----------------------------------|---|--|--|--|--|---|--|--|--|--|-----------------------------------|-----------------------------------|--|----------------------|
| 240-224191-F-3 | 240-224191-E-3 | 240-224191-D-3 | 240-224191-C-3 | 240-224191-B-3 | 240-224191-A-3 | 240-224191-F-2 | 240-224191-E-2 | 240-224191-D-2 | 240-224191-C-2 | 240-224191-B-2 | 240-224191-A-2 | 240-224191-A-1 | | |
| Voa Vial 40ml - Hydrochloric Acid | Voa Vial 40ml - Hydrochloric Acıd | Voa Vial 40ml - Hydrochloric Acid | Voa Vial 40ml - Hydrochloric Acid | Voa Vial 40ml - Hydrochloric Acid | Voa Vial 40ml - Hydrochloric Acıd | Voa Vial 40ml - Hydrochloric Acid | Voa Vial 40ml - Hydrochloric Acıd | Voa Vial 40ml - Hydrochloric Acid | Voa Vial 40ml - Hydrochloric Acid | Voa Vial 40ml - Hydrochloric Acid | Voa Vial 40ml - Hydrochloric Acıd | Voa Vial 40ml - Hydrochloric Acid | Container Type | |
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| | 770000000000000000000000000000000000000 | | THE PERSON NAMED IN COLUMN TO PERSON NAMED I | a de la companya de l | | TO THE WAY OF THE PARTY OF THE | | **** | ter epital palatakan mananan m | A mile | | | Preservation Preservation Added Lot Number | |

Page 23 of 23

Page 1 of 1

DATA VERIFICATION REPORT



May 19, 2025

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

CADENA project ID: E203728

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

Project number: 30251157.401.04 (vapor 301.04) Event Specific Scope of Work References: Sample COC Laboratory: Eurofins Environment Testing LLC - Cleveland

Laboratory submittal: 224191-1 Sample date: 2025-05-08

Report received by CADENA: 2025-05-19

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

Number of Samples:3 Sample Matrices:Water Test Categories:GCMS VOC

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

There were no significant QC anomalies or exceptions to report.

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

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

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

Please contact me if you have any questions.

Sincerely,

Jim Tomalia

Project Scientist

CADENA Valid Qualifiers

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

Analytical Results Summary

CADENA Project ID: E203728

Laboratory: Eurofins Environment Testing LLC - Cleveland

Laboratory Submittal: 224191-1

| | | Sample Name: | TRIP BL | ANK_92 | | | MW-67_ | _050825 | | | | | | |
|-----------|--------------------------|----------------|---------|--------|-------|-----------|---------|---------|-------|-----------|--------|--------|-------|-----------|
| | | Lab Sample ID: | 240224 | 1911 | | | 240224 | 1912 | | | 240224 | | | |
| | | Sample Date: | 5/8/202 | .5 | | | 5/8/202 | | | | | | | |
| | | | | Report | | Valid | | Report | | Valid | | Report | Valid | |
| | Analyte | Cas No. | Result | Limit | Units | Qualifier | Result | Limit | Units | Qualifier | Result | Limit | Units | Qualifier |
| GC/MS VOC | | | | | | | | | | | | | | |
| OSW-8 | <u>260D</u> | | | | | | | | | | | | | |
| | 1,1-Dichloroethene | 75-35-4 | 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 | | 1.4 | 1.0 | ug/l | | ND | 1.0 | ug/l | |
| | Tetrachloroethene | 127-18-4 | ND | 1.0 | ug/l | | ND | 1.0 | ug/l | | ND | 1.0 | ug/l | |
| | trans-1,2-Dichloroethene | 156-60-5 | ND | 1.0 | ug/l | | ND | 1.0 | ug/l | | ND | 1.0 | ug/l | |
| | Trichloroethene | 79-01-6 | ND | 1.0 | ug/l | | 37 | 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 | |
| OSW-8 | 3260DSIM | | | | | | | | | | | | | |
| | 1,4-Dioxane | 123-91-1 | | | | | ND | 2.0 | ug/l | | 6.4 | 2.0 | ug/l | |