

**Oregon Dept. of Env. Quality - ODEQ**

Sample Delivery Group: L1670637  
Samples Received: 10/26/2023  
Project Number: QCAT #37622  
Description: Elmira Family Store

Report To: Sarah KINGERY  
165 E. 7th Avenue  
Suite 100  
Eugene, OR 97401

Entire Report Reviewed By:



Brian Ford  
Project Manager

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**Pace Analytical National**12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 [www.pacenational.com](http://www.pacenational.com)

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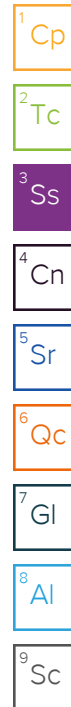
|                 |
|-----------------|
| <sup>1</sup> Cp |
| <sup>2</sup> Tc |
| <sup>3</sup> Ss |
| <sup>4</sup> Cn |
| <sup>5</sup> Sr |
| <sup>6</sup> Qc |
| <sup>7</sup> Gl |
| <sup>8</sup> Al |
| <sup>9</sup> Sc |

# SAMPLE SUMMARY

## MCQUARRIE POST L1670637-01 GW

Collected by Rachel Long  
Collected date/time 10/25/23 10:05  
Received date/time 10/26/23 09:00

| Method                                             | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Volatile Organic Compounds (GC) by Method NWTPHGX  | WG2163656 | 1        | 11/03/23 09:16        | 11/03/23 09:16     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 524.2 | WG2159884 | 1        | 10/28/23 13:45        | 10/28/23 13:45     | ADM     | Mt. Juliet, TN |



## MCQUARRIE MID 2 L1670637-02 GW

Collected by Rachel Long  
Collected date/time 10/25/23 10:15  
Received date/time 10/26/23 09:00

| Method                                             | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Volatile Organic Compounds (GC) by Method NWTPHGX  | WG2163656 | 1        | 11/03/23 09:40        | 11/03/23 09:40     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2162280 | 1        | 11/01/23 17:26        | 11/01/23 17:26     | JCP     | Mt. Juliet, TN |

## MCQUARRIE MID 1 L1670637-03 GW

Collected by Rachel Long  
Collected date/time 10/25/23 10:20  
Received date/time 10/26/23 09:00

| Method                                             | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Volatile Organic Compounds (GC) by Method NWTPHGX  | WG2163656 | 1        | 11/03/23 10:05        | 11/03/23 10:05     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2162280 | 1        | 11/01/23 17:46        | 11/01/23 17:46     | JCP     | Mt. Juliet, TN |

## MCQUARRIE PRE L1670637-04 GW

Collected by Rachel Long  
Collected date/time 10/25/23 10:35  
Received date/time 10/26/23 09:00

| Method                                             | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Volatile Organic Compounds (GC) by Method NWTPHGX  | WG2163656 | 1        | 11/03/23 10:29        | 11/03/23 10:29     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2162280 | 10       | 11/01/23 18:07        | 11/01/23 18:07     | JCP     | Mt. Juliet, TN |

## MCQUARRIE DUP L1670637-05 GW

Collected by Rachel Long  
Collected date/time 10/25/23 10:35  
Received date/time 10/26/23 09:00

| Method                                             | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Volatile Organic Compounds (GC) by Method NWTPHGX  | WG2163656 | 1        | 11/03/23 10:54        | 11/03/23 10:54     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2162280 | 10       | 11/01/23 18:27        | 11/01/23 18:27     | JCP     | Mt. Juliet, TN |

## CORDON L1670637-06 GW

Collected by Rachel Long  
Collected date/time 10/25/23 11:15  
Received date/time 10/26/23 09:00

| Method                                             | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Volatile Organic Compounds (GC) by Method NWTPHGX  | WG2163656 | 1        | 11/03/23 11:18        | 11/03/23 11:18     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 524.2 | WG2159884 | 1        | 10/28/23 14:08        | 10/28/23 14:08     | ADM     | Mt. Juliet, TN |

## TRIP BLANK L1670637-07 GW

Collected by Rachel Long  
Collected date/time 10/25/23 00:00  
Received date/time 10/26/23 09:00

| Method                                             | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2162280 | 1        | 11/01/23 14:24        | 11/01/23 14:24     | JCP     | Mt. Juliet, TN |

## SAMPLE SUMMARY

M HOUSE L1670637-08 GW

Collected by  
Rachel Long

Collected date/time  
10/25/23 11:00

Received date/time  
10/26/23 09:00

| Method                                             | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Volatile Organic Compounds (GC) by Method NWTPHGX  | WG2163656 | 1        | 11/03/23 11:42        | 11/03/23 11:42     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 524.2 | WG2159884 | 1        | 10/28/23 14:31        | 10/28/23 14:31     | ADM     | Mt. Juliet, TN |

<sup>1</sup>Cp ${}^2\text{Tc}$  ${}^3S_1$  ${}^4\text{Cn}$  ${}^5\text{Sr}$  ${}^6\text{Qc}$  ${}^7\text{Gf}$  ${}^8\text{Al}$  ${}^9\text{Sc}$

# CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Brian Ford  
Project Manager

- <sup>1</sup> Cp
- <sup>2</sup> Tc
- <sup>3</sup> Ss
- <sup>4</sup> Cn
- <sup>5</sup> Sr
- <sup>6</sup> Qc
- <sup>7</sup> Gl
- <sup>8</sup> Al
- <sup>9</sup> Sc

## Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result<br>ug/l | Qualifier | RDL<br>ug/l | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------------|----------------|-----------|-------------|----------|-------------------------|---------------------------|
| Gasoline Range Organics-NWTPH   | ND             |           | 100         | 1        | 11/03/2023 09:16        | <a href="#">WG2163656</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 92.5           |           | 78.0-120    |          | 11/03/2023 09:16        | <a href="#">WG2163656</a> |

## Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

| Analyte                   | Result<br>ug/l | Qualifier | RDL<br>ug/l | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|----------------|-----------|-------------|----------|-------------------------|---------------------------|
| Benzene                   | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| Carbon tetrachloride      | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| 1,4-Dichlorobenzene       | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| 1,2-Dichloroethane        | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| 1,1-Dichloroethene        | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| 1,1,1-Trichloroethane     | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| Trichloroethene           | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| Vinyl chloride            | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| 1,2,4-Trichlorobenzene    | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| cis-1,2-Dichloroethene    | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| Xylenes, Total            | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| Methylene chloride        | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| 1,2-Dichlorobenzene       | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| trans-1,2-Dichloroethene  | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| 1,2-Dichloropropane       | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| 1,1,2-Trichloroethane     | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| Tetrachloroethene         | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| Chlorobenzene             | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| Toluene                   | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| Ethylbenzene              | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| Styrene                   | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| Bromobenzene              | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| Bromodichloromethane      | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| Bromoform                 | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| Bromomethane              | ND             |           | 1.00        | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| Chlorodibromomethane      | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| Chloroethane              | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| Chloroform                | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| Chloromethane             | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| 2-Chlorotoluene           | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| 4-Chlorotoluene           | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| Dibromomethane            | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| 1,3-Dichlorobenzene       | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| 1,1-Dichloroethane        | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| 1,3-Dichloropropane       | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| 2,2-Dichloropropane       | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| 1,1-Dichloropropene       | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| 1,3-Dichloropropene       | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| 1,1,1,2-Tetrachloroethane | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| 1,1,2,2-Tetrachloroethane | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| 1,2,3-Trichloropropane    | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| Methyl tert-butyl ether   | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| Naphthalene               | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| 1,2-Dibromoethane         | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| Isopropylbenzene          | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| 1,2,4-Trimethylbenzene    | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |
| 1,3,5-Trimethylbenzene    | ND             |           | 0.500       | 1        | 10/28/2023 13:45        | <a href="#">WG2159884</a> |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result<br>ug/l | Qualifier | RDL<br>ug/l | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------------|----------------|-----------|-------------|----------|-------------------------|---------------------------|
| Gasoline Range Organics-NWTPH   | ND             |           | 100         | 1        | 11/03/2023 09:40        | <a href="#">WG2163656</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 93.6           |           | 78.0-120    |          | 11/03/2023 09:40        | <a href="#">WG2163656</a> |

## Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

| Analyte                   | Result<br>ug/l | Qualifier | RDL<br>ug/l | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|----------------|-----------|-------------|----------|-------------------------|---------------------------|
| Benzene                   | ND             |           | 1.00        | 1        | 11/01/2023 17:26        | <a href="#">WG2162280</a> |
| Ethylbenzene              | ND             |           | 1.00        | 1        | 11/01/2023 17:26        | <a href="#">WG2162280</a> |
| Toluene                   | ND             |           | 1.00        | 1        | 11/01/2023 17:26        | <a href="#">WG2162280</a> |
| Xylenes, Total            | ND             |           | 3.00        | 1        | 11/01/2023 17:26        | <a href="#">WG2162280</a> |
| Methyl tert-butyl ether   | ND             |           | 1.00        | 1        | 11/01/2023 17:26        | <a href="#">WG2162280</a> |
| Naphthalene               | ND             |           | 5.00        | 1        | 11/01/2023 17:26        | <a href="#">WG2162280</a> |
| 1,2-Dibromoethane         | ND             |           | 1.00        | 1        | 11/01/2023 17:26        | <a href="#">WG2162280</a> |
| 1,2-Dichloroethane        | ND             |           | 1.00        | 1        | 11/01/2023 17:26        | <a href="#">WG2162280</a> |
| Isopropylbenzene          | ND             |           | 1.00        | 1        | 11/01/2023 17:26        | <a href="#">WG2162280</a> |
| n-Propylbenzene           | ND             |           | 1.00        | 1        | 11/01/2023 17:26        | <a href="#">WG2162280</a> |
| 1,2,4-Trimethylbenzene    | ND             |           | 1.00        | 1        | 11/01/2023 17:26        | <a href="#">WG2162280</a> |
| 1,3,5-Trimethylbenzene    | ND             |           | 1.00        | 1        | 11/01/2023 17:26        | <a href="#">WG2162280</a> |
| (S) Toluene-d8            | 103            |           | 80.0-120    |          | 11/01/2023 17:26        | <a href="#">WG2162280</a> |
| (S) 4-Bromofluorobenzene  | 94.9           |           | 77.0-126    |          | 11/01/2023 17:26        | <a href="#">WG2162280</a> |
| (S) 1,2-Dichloroethane-d4 | 113            |           | 70.0-130    |          | 11/01/2023 17:26        | <a href="#">WG2162280</a> |

<sup>1</sup> Cp<sup>2</sup> Tc<sup>3</sup> Ss<sup>4</sup> Cn<sup>5</sup> Sr<sup>6</sup> Qc<sup>7</sup> Gl<sup>8</sup> Al<sup>9</sup> Sc

## Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result<br>ug/l | Qualifier | RDL<br>ug/l | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------------|----------------|-----------|-------------|----------|-------------------------|---------------------------|
| Gasoline Range Organics-NWTPH   | ND             |           | 100         | 1        | 11/03/2023 10:05        | <a href="#">WG2163656</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 93.8           |           | 78.0-120    |          | 11/03/2023 10:05        | <a href="#">WG2163656</a> |

## Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

| Analyte                   | Result<br>ug/l | Qualifier | RDL<br>ug/l | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|----------------|-----------|-------------|----------|-------------------------|---------------------------|
| Benzene                   | ND             |           | 1.00        | 1        | 11/01/2023 17:46        | <a href="#">WG2162280</a> |
| Ethylbenzene              | ND             |           | 1.00        | 1        | 11/01/2023 17:46        | <a href="#">WG2162280</a> |
| Toluene                   | ND             |           | 1.00        | 1        | 11/01/2023 17:46        | <a href="#">WG2162280</a> |
| Xylenes, Total            | ND             |           | 3.00        | 1        | 11/01/2023 17:46        | <a href="#">WG2162280</a> |
| Methyl tert-butyl ether   | ND             |           | 1.00        | 1        | 11/01/2023 17:46        | <a href="#">WG2162280</a> |
| Naphthalene               | ND             |           | 5.00        | 1        | 11/01/2023 17:46        | <a href="#">WG2162280</a> |
| 1,2-Dibromoethane         | ND             |           | 1.00        | 1        | 11/01/2023 17:46        | <a href="#">WG2162280</a> |
| 1,2-Dichloroethane        | ND             |           | 1.00        | 1        | 11/01/2023 17:46        | <a href="#">WG2162280</a> |
| Isopropylbenzene          | ND             |           | 1.00        | 1        | 11/01/2023 17:46        | <a href="#">WG2162280</a> |
| n-Propylbenzene           | ND             |           | 1.00        | 1        | 11/01/2023 17:46        | <a href="#">WG2162280</a> |
| 1,2,4-Trimethylbenzene    | ND             |           | 1.00        | 1        | 11/01/2023 17:46        | <a href="#">WG2162280</a> |
| 1,3,5-Trimethylbenzene    | ND             |           | 1.00        | 1        | 11/01/2023 17:46        | <a href="#">WG2162280</a> |
| (S) Toluene-d8            | 103            |           | 80.0-120    |          | 11/01/2023 17:46        | <a href="#">WG2162280</a> |
| (S) 4-Bromofluorobenzene  | 95.8           |           | 77.0-126    |          | 11/01/2023 17:46        | <a href="#">WG2162280</a> |
| (S) 1,2-Dichloroethane-d4 | 114            |           | 70.0-130    |          | 11/01/2023 17:46        | <a href="#">WG2162280</a> |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result<br>ug/l | Qualifier | RDL<br>ug/l | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------------|----------------|-----------|-------------|----------|-------------------------|---------------------------|
| Gasoline Range Organics-NWTPH   | 658            |           | 100         | 1        | 11/03/2023 10:29        | <a href="#">WG2163656</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 90.7           |           | 78.0-120    |          | 11/03/2023 10:29        | <a href="#">WG2163656</a> |

## Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

| Analyte                   | Result<br>ug/l | Qualifier | RDL<br>ug/l | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|----------------|-----------|-------------|----------|-------------------------|---------------------------|
| Benzene                   | 189            |           | 10.0        | 10       | 11/01/2023 18:07        | <a href="#">WG2162280</a> |
| Ethylbenzene              | ND             |           | 10.0        | 10       | 11/01/2023 18:07        | <a href="#">WG2162280</a> |
| Toluene                   | ND             |           | 10.0        | 10       | 11/01/2023 18:07        | <a href="#">WG2162280</a> |
| Xylenes, Total            | ND             |           | 30.0        | 10       | 11/01/2023 18:07        | <a href="#">WG2162280</a> |
| Methyl tert-butyl ether   | ND             |           | 10.0        | 10       | 11/01/2023 18:07        | <a href="#">WG2162280</a> |
| Naphthalene               | ND             |           | 50.0        | 10       | 11/01/2023 18:07        | <a href="#">WG2162280</a> |
| 1,2-Dibromoethane         | ND             |           | 10.0        | 10       | 11/01/2023 18:07        | <a href="#">WG2162280</a> |
| 1,2-Dichloroethane        | ND             |           | 10.0        | 10       | 11/01/2023 18:07        | <a href="#">WG2162280</a> |
| Isopropylbenzene          | ND             |           | 10.0        | 10       | 11/01/2023 18:07        | <a href="#">WG2162280</a> |
| n-Propylbenzene           | ND             |           | 10.0        | 10       | 11/01/2023 18:07        | <a href="#">WG2162280</a> |
| 1,2,4-Trimethylbenzene    | ND             |           | 10.0        | 10       | 11/01/2023 18:07        | <a href="#">WG2162280</a> |
| 1,3,5-Trimethylbenzene    | ND             |           | 10.0        | 10       | 11/01/2023 18:07        | <a href="#">WG2162280</a> |
| (S) Toluene-d8            | 105            |           | 80.0-120    |          | 11/01/2023 18:07        | <a href="#">WG2162280</a> |
| (S) 4-Bromofluorobenzene  | 93.2           |           | 77.0-126    |          | 11/01/2023 18:07        | <a href="#">WG2162280</a> |
| (S) 1,2-Dichloroethane-d4 | 113            |           | 70.0-130    |          | 11/01/2023 18:07        | <a href="#">WG2162280</a> |

<sup>1</sup> Cp<sup>2</sup> Tc<sup>3</sup> Ss<sup>4</sup> Cn<sup>5</sup> Sr<sup>6</sup> Qc<sup>7</sup> Gl<sup>8</sup> Al<sup>9</sup> Sc

## Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result<br>ug/l | Qualifier | RDL<br>ug/l | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------------|----------------|-----------|-------------|----------|-------------------------|---------------------------|
| Gasoline Range Organics-NWTPH   | 784            |           | 100         | 1        | 11/03/2023 10:54        | <a href="#">WG2163656</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 94.3           |           | 78.0-120    |          | 11/03/2023 10:54        | <a href="#">WG2163656</a> |

## Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

| Analyte                   | Result<br>ug/l | Qualifier | RDL<br>ug/l | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|----------------|-----------|-------------|----------|-------------------------|---------------------------|
| Benzene                   | 212            |           | 10.0        | 10       | 11/01/2023 18:27        | <a href="#">WG2162280</a> |
| Ethylbenzene              | ND             |           | 10.0        | 10       | 11/01/2023 18:27        | <a href="#">WG2162280</a> |
| Toluene                   | ND             |           | 10.0        | 10       | 11/01/2023 18:27        | <a href="#">WG2162280</a> |
| Xylenes, Total            | ND             |           | 30.0        | 10       | 11/01/2023 18:27        | <a href="#">WG2162280</a> |
| Methyl tert-butyl ether   | ND             |           | 10.0        | 10       | 11/01/2023 18:27        | <a href="#">WG2162280</a> |
| Naphthalene               | ND             |           | 50.0        | 10       | 11/01/2023 18:27        | <a href="#">WG2162280</a> |
| 1,2-Dibromoethane         | ND             |           | 10.0        | 10       | 11/01/2023 18:27        | <a href="#">WG2162280</a> |
| 1,2-Dichloroethane        | ND             |           | 10.0        | 10       | 11/01/2023 18:27        | <a href="#">WG2162280</a> |
| Isopropylbenzene          | ND             |           | 10.0        | 10       | 11/01/2023 18:27        | <a href="#">WG2162280</a> |
| n-Propylbenzene           | ND             |           | 10.0        | 10       | 11/01/2023 18:27        | <a href="#">WG2162280</a> |
| 1,2,4-Trimethylbenzene    | ND             |           | 10.0        | 10       | 11/01/2023 18:27        | <a href="#">WG2162280</a> |
| 1,3,5-Trimethylbenzene    | ND             |           | 10.0        | 10       | 11/01/2023 18:27        | <a href="#">WG2162280</a> |
| (S) Toluene-d8            | 102            |           | 80.0-120    |          | 11/01/2023 18:27        | <a href="#">WG2162280</a> |
| (S) 4-Bromofluorobenzene  | 94.3           |           | 77.0-126    |          | 11/01/2023 18:27        | <a href="#">WG2162280</a> |
| (S) 1,2-Dichloroethane-d4 | 114            |           | 70.0-130    |          | 11/01/2023 18:27        | <a href="#">WG2162280</a> |

<sup>1</sup> Cp<sup>2</sup> Tc<sup>3</sup> Ss<sup>4</sup> Cn<sup>5</sup> Sr<sup>6</sup> Qc<sup>7</sup> Gl<sup>8</sup> Al<sup>9</sup> Sc

## Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result<br>ug/l | Qualifier | RDL<br>ug/l | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------------|----------------|-----------|-------------|----------|-------------------------|---------------------------|
| Gasoline Range Organics-NWTPH   | ND             |           | 100         | 1        | 11/03/2023 11:18        | <a href="#">WG2163656</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 92.7           |           | 78.0-120    |          | 11/03/2023 11:18        | <a href="#">WG2163656</a> |

## Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

| Analyte                   | Result<br>ug/l | Qualifier | RDL<br>ug/l | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|----------------|-----------|-------------|----------|-------------------------|---------------------------|
| Benzene                   | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| Carbon tetrachloride      | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| 1,4-Dichlorobenzene       | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| 1,2-Dichloroethane        | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| 1,1-Dichloroethene        | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| 1,1,1-Trichloroethane     | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| Trichloroethene           | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| Vinyl chloride            | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| 1,2,4-Trichlorobenzene    | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| cis-1,2-Dichloroethene    | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| Xylenes, Total            | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| Methylene chloride        | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| 1,2-Dichlorobenzene       | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| trans-1,2-Dichloroethene  | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| 1,2-Dichloropropane       | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| 1,1,2-Trichloroethane     | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| Tetrachloroethene         | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| Chlorobenzene             | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| Toluene                   | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| Ethylbenzene              | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| Styrene                   | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| Bromobenzene              | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| Bromodichloromethane      | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| Bromoform                 | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| Bromomethane              | ND             |           | 1.00        | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| Chlorodibromomethane      | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| Chloroethane              | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| Chloroform                | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| Chloromethane             | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| 2-Chlorotoluene           | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| 4-Chlorotoluene           | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| Dibromomethane            | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| 1,3-Dichlorobenzene       | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| 1,1-Dichloroethane        | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| 1,3-Dichloropropane       | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| 2,2-Dichloropropane       | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| 1,1-Dichloropropene       | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| 1,3-Dichloropropene       | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| 1,1,1,2-Tetrachloroethane | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| 1,1,2,2-Tetrachloroethane | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| 1,2,3-Trichloropropane    | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| Methyl tert-butyl ether   | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| Naphthalene               | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| 1,2-Dibromoethane         | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| Isopropylbenzene          | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| 1,2,4-Trimethylbenzene    | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |
| 1,3,5-Trimethylbenzene    | ND             |           | 0.500       | 1        | 10/28/2023 14:08        | <a href="#">WG2159884</a> |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

| Analyte                   | Result<br>ug/l | Qualifier | RDL<br>ug/l | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|----------------|-----------|-------------|----------|-------------------------|---------------------------|
| Benzene                   | ND             |           | 1.00        | 1        | 11/01/2023 14:24        | <a href="#">WG2162280</a> |
| Ethylbenzene              | ND             |           | 1.00        | 1        | 11/01/2023 14:24        | <a href="#">WG2162280</a> |
| Toluene                   | ND             |           | 1.00        | 1        | 11/01/2023 14:24        | <a href="#">WG2162280</a> |
| Xylenes, Total            | ND             |           | 3.00        | 1        | 11/01/2023 14:24        | <a href="#">WG2162280</a> |
| Methyl tert-butyl ether   | ND             |           | 1.00        | 1        | 11/01/2023 14:24        | <a href="#">WG2162280</a> |
| Naphthalene               | ND             |           | 5.00        | 1        | 11/01/2023 14:24        | <a href="#">WG2162280</a> |
| 1,2-Dibromoethane         | ND             |           | 1.00        | 1        | 11/01/2023 14:24        | <a href="#">WG2162280</a> |
| 1,2-Dichloroethane        | ND             |           | 1.00        | 1        | 11/01/2023 14:24        | <a href="#">WG2162280</a> |
| Isopropylbenzene          | ND             |           | 1.00        | 1        | 11/01/2023 14:24        | <a href="#">WG2162280</a> |
| n-Propylbenzene           | ND             |           | 1.00        | 1        | 11/01/2023 14:24        | <a href="#">WG2162280</a> |
| 1,2,4-Trimethylbenzene    | ND             |           | 1.00        | 1        | 11/01/2023 14:24        | <a href="#">WG2162280</a> |
| 1,3,5-Trimethylbenzene    | ND             |           | 1.00        | 1        | 11/01/2023 14:24        | <a href="#">WG2162280</a> |
| (S) Toluene-d8            | 102            |           | 80.0-120    |          | 11/01/2023 14:24        | <a href="#">WG2162280</a> |
| (S) 4-Bromofluorobenzene  | 96.3           |           | 77.0-126    |          | 11/01/2023 14:24        | <a href="#">WG2162280</a> |
| (S) 1,2-Dichloroethane-d4 | 113            |           | 70.0-130    |          | 11/01/2023 14:24        | <a href="#">WG2162280</a> |

<sup>1</sup>Cp<sup>2</sup>Tc<sup>3</sup>Ss<sup>4</sup>Cn<sup>5</sup>Sr<sup>6</sup>Qc<sup>7</sup>Gl<sup>8</sup>Al<sup>9</sup>Sc

## Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result<br>ug/l | Qualifier | RDL<br>ug/l | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------------|----------------|-----------|-------------|----------|-------------------------|---------------------------|
| Gasoline Range Organics-NWTPH   | ND             |           | 100         | 1        | 11/03/2023 11:42        | <a href="#">WG2163656</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 93.0           |           | 78.0-120    |          | 11/03/2023 11:42        | <a href="#">WG2163656</a> |

## Volatile Organic Compounds (GC/MS) by Method 524.2/8260D

| Analyte                   | Result<br>ug/l | Qualifier | RDL<br>ug/l | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|----------------|-----------|-------------|----------|-------------------------|---------------------------|
| Benzene                   | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| Carbon tetrachloride      | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| 1,4-Dichlorobenzene       | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| 1,2-Dichloroethane        | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| 1,1-Dichloroethene        | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| 1,1,1-Trichloroethane     | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| Trichloroethene           | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| Vinyl chloride            | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| 1,2,4-Trichlorobenzene    | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| cis-1,2-Dichloroethene    | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| Xylenes, Total            | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| Methylene chloride        | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| 1,2-Dichlorobenzene       | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| trans-1,2-Dichloroethene  | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| 1,2-Dichloropropane       | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| 1,1,2-Trichloroethane     | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| Tetrachloroethene         | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| Chlorobenzene             | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| Toluene                   | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| Ethylbenzene              | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| Styrene                   | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| Bromobenzene              | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| Bromodichloromethane      | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| Bromoform                 | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| Bromomethane              | ND             |           | 1.00        | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| Chlorodibromomethane      | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| Chloroethane              | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| Chloroform                | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| Chloromethane             | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| 2-Chlorotoluene           | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| 4-Chlorotoluene           | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| Dibromomethane            | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| 1,3-Dichlorobenzene       | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| 1,1-Dichloroethane        | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| 1,3-Dichloropropane       | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| 2,2-Dichloropropane       | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| 1,1-Dichloropropene       | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| 1,3-Dichloropropene       | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| 1,1,1,2-Tetrachloroethane | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| 1,1,2,2-Tetrachloroethane | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| 1,2,3-Trichloropropane    | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| Methyl tert-butyl ether   | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| Naphthalene               | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| 1,2-Dibromoethane         | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| Isopropylbenzene          | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| 1,2,4-Trimethylbenzene    | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |
| 1,3,5-Trimethylbenzene    | ND             |           | 0.500       | 1        | 10/28/2023 14:31        | <a href="#">WG2159884</a> |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3995171-1 11/03/23 03:58

| Analyte                            | MB Result<br>ug/l | MB Qualifier | MB MDL<br>ug/l | MB RDL<br>ug/l |
|------------------------------------|-------------------|--------------|----------------|----------------|
| Gasoline Range Organics-NWTPH      | U                 |              | 31.6           | 100            |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 92.6              |              |                | 78.0-120       |

Laboratory Control Sample (LCS)

(LCS) R3995171-2 11/03/23 07:39

| Analyte                            | Spike Amount<br>ug/l | LCS Result<br>ug/l | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|------------------------------------|----------------------|--------------------|---------------|------------------|---------------|
| Gasoline Range Organics-NWTPH      | 5500                 | 6770               | 123           | 70.0-124         |               |
| (S)<br>a,a,a-Trifluorotoluene(FID) |                      |                    | 97.5          | 78.0-120         |               |

L1670553-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1670553-11 11/03/23 06:01 • (MS) R3995171-3 11/03/23 14:46 • (MSD) R3995171-4 11/03/23 15:10

| Analyte                            | Spike Amount<br>ug/l | Original Result<br>ug/l | MS Result<br>ug/l | MSD Result<br>ug/l | MS Rec.<br>% | MSD Rec.<br>% | Dilution | Rec. Limits<br>% | MS Qualifier | MSD Qualifier | RPD<br>% | RPD Limits<br>% |
|------------------------------------|----------------------|-------------------------|-------------------|--------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| Gasoline Range Organics-NWTPH      | 5500                 | ND                      | 6880              | 6200               | 124          | 112           | 1        | 10.0-155         |              |               | 10.4     | 21              |
| (S)<br>a,a,a-Trifluorotoluene(FID) |                      |                         |                   |                    | 97.7         | 101           |          | 78.0-120         |              |               |          |                 |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3995246-2 10/28/23 11:54

| Analyte                   | MB Result<br>ug/l | MB Qualifier | MB MDL<br>ug/l | MB RDL<br>ug/l |
|---------------------------|-------------------|--------------|----------------|----------------|
| Benzene                   | U                 |              | 0.0490         | 0.500          |
| Carbon tetrachloride      | U                 |              | 0.0660         | 0.500          |
| 1,4-Dichlorobenzene       | U                 |              | 0.0310         | 0.500          |
| 1,2-Dichloroethane        | U                 |              | 0.0498         | 0.500          |
| 1,1-Dichloroethene        | U                 |              | 0.0540         | 0.500          |
| 1,1,1-Trichloroethane     | U                 |              | 0.0490         | 0.500          |
| Trichloroethene           | U                 |              | 0.0440         | 0.500          |
| Vinyl chloride            | U                 |              | 0.0260         | 0.500          |
| 1,2,4-Trichlorobenzene    | U                 |              | 0.0530         | 0.500          |
| cis-1,2-Dichloroethene    | U                 |              | 0.0640         | 0.500          |
| Xylenes, Total            | U                 |              | 0.340          | 0.500          |
| Methylene chloride        | U                 |              | 0.0608         | 0.500          |
| 1,2-Dichlorobenzene       | U                 |              | 0.0410         | 0.500          |
| trans-1,2-Dichloroethene  | U                 |              | 0.100          | 0.500          |
| 1,2-Dichloropropane       | U                 |              | 0.0270         | 0.500          |
| 1,1,2-Trichloroethane     | U                 |              | 0.0701         | 0.500          |
| Tetrachloroethene         | U                 |              | 0.0790         | 0.500          |
| Chlorobenzene             | U                 |              | 0.0370         | 0.500          |
| Toluene                   | U                 |              | 0.412          | 0.500          |
| Ethylbenzene              | U                 |              | 0.0440         | 0.500          |
| Styrene                   | U                 |              | 0.0360         | 0.500          |
| Bromobenzene              | U                 |              | 0.0490         | 0.500          |
| Bromodichloromethane      | U                 |              | 0.0810         | 0.500          |
| Bromoform                 | U                 |              | 0.0800         | 0.500          |
| Bromomethane              | U                 |              | 0.0790         | 1.00           |
| Chlorodibromomethane      | U                 |              | 0.0930         | 0.500          |
| Chloroethane              | U                 |              | 0.190          | 0.500          |
| Chloroform                | U                 |              | 0.0800         | 0.500          |
| Chloromethane             | U                 |              | 0.0290         | 0.500          |
| 2-Chlorotoluene           | U                 |              | 0.0480         | 0.500          |
| 4-Chlorotoluene           | U                 |              | 0.0550         | 0.500          |
| Dibromomethane            | U                 |              | 0.0700         | 0.500          |
| 1,3-Dichlorobenzene       | U                 |              | 0.0360         | 0.500          |
| 1,1-Dichloroethane        | U                 |              | 0.0240         | 0.500          |
| 1,3-Dichloropropane       | U                 |              | 0.0230         | 0.500          |
| 2,2-Dichloropropane       | U                 |              | 0.0680         | 0.500          |
| 1,1-Dichloropropene       | U                 |              | 0.0450         | 0.500          |
| 1,3-Dichloropropene       | U                 |              | 0.150          | 0.500          |
| 1,1,1,2-Tetrachloroethane | U                 |              | 0.0700         | 0.500          |
| 1,1,2,2-Tetrachloroethane | U                 |              | 0.0790         | 0.500          |

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R3995246-2 10/28/23 11:54

| Analyte                 | MB Result<br>ug/l | MB Qualifier | MB MDL<br>ug/l | MB RDL<br>ug/l |
|-------------------------|-------------------|--------------|----------------|----------------|
| 1,2,3-Trichloropropane  | U                 |              | 0.0720         | 0.500          |
| Methyl tert-butyl ether | U                 |              | 0.0530         | 0.500          |
| Naphthalene             | U                 |              | 0.110          | 0.500          |
| 1,2-Dibromoethane       | U                 |              | 0.210          | 0.500          |
| Isopropylbenzene        | U                 |              | 0.0410         | 0.500          |
| 1,2,4-Trimethylbenzene  | U                 |              | 0.0430         | 0.500          |
| 1,3,5-Trimethylbenzene  | U                 |              | 0.0430         | 0.500          |

Laboratory Control Sample (LCS)

(LCS) R3995246-1 10/28/23 10:45

| Analyte                  | Spike Amount<br>ug/l | LCS Result<br>ug/l | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|--------------------------|----------------------|--------------------|---------------|------------------|---------------|
| Benzene                  | 5.00                 | 4.85               | 97.0          | 70.0-130         |               |
| Carbon tetrachloride     | 5.00                 | 4.22               | 84.4          | 70.0-130         |               |
| 1,4-Dichlorobenzene      | 5.00                 | 4.76               | 95.2          | 70.0-130         |               |
| 1,2-Dichloroethane       | 5.00                 | 4.76               | 95.2          | 70.0-130         |               |
| 1,1-Dichloroethene       | 5.00                 | 4.85               | 97.0          | 70.0-130         |               |
| 1,1,1-Trichloroethane    | 5.00                 | 5.03               | 101           | 70.0-130         |               |
| Trichloroethene          | 5.00                 | 4.84               | 96.8          | 70.0-130         |               |
| Vinyl chloride           | 5.00                 | 4.82               | 96.4          | 70.0-130         |               |
| 1,2,4-Trichlorobenzene   | 5.00                 | 4.55               | 91.0          | 70.0-130         |               |
| cis-1,2-Dichloroethene   | 5.00                 | 4.90               | 98.0          | 70.0-130         |               |
| Xylenes, Total           | 15.0                 | 14.9               | 99.3          | 70.0-130         |               |
| Methylene chloride       | 5.00                 | 4.95               | 99.0          | 70.0-130         |               |
| 1,2-Dichlorobenzene      | 5.00                 | 4.81               | 96.2          | 70.0-130         |               |
| trans-1,2-Dichloroethene | 5.00                 | 4.87               | 97.4          | 70.0-130         |               |
| 1,2-Dichloropropane      | 5.00                 | 5.01               | 100           | 70.0-130         |               |
| 1,1,2-Trichloroethane    | 5.00                 | 4.96               | 99.2          | 70.0-130         |               |
| Tetrachloroethene        | 5.00                 | 4.98               | 99.6          | 70.0-130         |               |
| Chlorobenzene            | 5.00                 | 5.05               | 101           | 70.0-130         |               |
| Toluene                  | 5.00                 | 4.98               | 99.6          | 70.0-130         |               |
| Ethylbenzene             | 5.00                 | 4.93               | 98.6          | 70.0-130         |               |
| Styrene                  | 5.00                 | 4.64               | 92.8          | 70.0-130         |               |
| Bromobenzene             | 5.00                 | 5.12               | 102           | 70.0-130         |               |
| Bromodichloromethane     | 5.00                 | 4.90               | 98.0          | 70.0-130         |               |
| Bromoform                | 5.00                 | 5.36               | 107           | 70.0-130         |               |
| Bromomethane             | 5.00                 | 4.74               | 94.8          | 70.0-130         |               |
| Chlorodibromomethane     | 5.00                 | 4.87               | 97.4          | 70.0-130         |               |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS)

(LCS) R3995246-1 10/28/23 10:45

| Analyte                   | Spike Amount<br>ug/l | LCS Result<br>ug/l | LCS Rec.<br>% | Rec. Limits<br>% | <u>LCS Qualifier</u> |
|---------------------------|----------------------|--------------------|---------------|------------------|----------------------|
| Chloroethane              | 5.00                 | 4.49               | 89.8          | 70.0-130         |                      |
| Chloroform                | 5.00                 | 5.14               | 103           | 70.0-130         |                      |
| Chloromethane             | 5.00                 | 6.08               | 122           | 70.0-130         |                      |
| 2-Chlorotoluene           | 5.00                 | 4.93               | 98.6          | 70.0-130         |                      |
| 4-Chlorotoluene           | 5.00                 | 4.82               | 96.4          | 70.0-130         |                      |
| Dibromomethane            | 5.00                 | 5.00               | 100           | 70.0-130         |                      |
| 1,3-Dichlorobenzene       | 5.00                 | 4.83               | 96.6          | 70.0-130         |                      |
| 1,1-Dichloroethane        | 5.00                 | 4.88               | 97.6          | 70.0-130         |                      |
| 1,3-Dichloropropane       | 5.00                 | 4.97               | 99.4          | 70.0-130         |                      |
| 2,2-Dichloropropane       | 5.00                 | 4.86               | 97.2          | 70.0-130         |                      |
| 1,1-Dichloropropene       | 5.00                 | 4.89               | 97.8          | 70.0-130         |                      |
| 1,3-Dichloropropene       | 10.0                 | 9.84               | 98.4          | 70.0-130         |                      |
| 1,1,1,2-Tetrachloroethane | 5.00                 | 4.89               | 97.8          | 70.0-130         |                      |
| 1,1,2,2-Tetrachloroethane | 5.00                 | 4.72               | 94.4          | 70.0-130         |                      |
| 1,2,3-Trichloropropane    | 5.00                 | 4.42               | 88.4          | 70.0-130         |                      |
| Methyl tert-butyl ether   | 5.00                 | 4.81               | 96.2          | 70.0-130         |                      |
| Naphthalene               | 5.00                 | 4.28               | 85.6          | 70.0-130         |                      |
| Isopropylbenzene          | 5.00                 | 4.93               | 98.6          | 70.0-130         |                      |
| 1,2,4-Trimethylbenzene    | 5.00                 | 4.87               | 97.4          | 70.0-130         |                      |
| 1,3,5-Trimethylbenzene    | 5.00                 | 4.86               | 97.2          | 70.0-130         |                      |

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R3994476-3 11/01/23 11:34

| Analyte                   | MB Result<br>ug/l | MB Qualifier | MB MDL<br>ug/l | MB RDL<br>ug/l |
|---------------------------|-------------------|--------------|----------------|----------------|
| Benzene                   | U                 |              | 0.0941         | 1.00           |
| Ethylbenzene              | U                 |              | 0.137          | 1.00           |
| Toluene                   | U                 |              | 0.278          | 1.00           |
| Xylenes, Total            | U                 |              | 0.174          | 3.00           |
| Methyl tert-butyl ether   | U                 |              | 0.101          | 1.00           |
| Naphthalene               | U                 |              | 1.00           | 5.00           |
| 1,2-Dibromoethane         | U                 |              | 0.126          | 1.00           |
| 1,2-Dichloroethane        | U                 |              | 0.0819         | 1.00           |
| Isopropylbenzene          | U                 |              | 0.105          | 1.00           |
| n-Propylbenzene           | U                 |              | 0.0993         | 1.00           |
| 1,2,4-Trimethylbenzene    | U                 |              | 0.322          | 1.00           |
| 1,3,5-Trimethylbenzene    | U                 |              | 0.104          | 1.00           |
| (S) Toluene-d8            | 103               |              |                | 80.0-120       |
| (S) 4-Bromofluorobenzene  | 94.8              |              |                | 77.0-126       |
| (S) 1,2-Dichloroethane-d4 | 115               |              |                | 70.0-130       |

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3994476-1 11/01/23 08:25 • (LCSD) R3994476-2 11/01/23 08:46

| Analyte                   | Spike Amount<br>ug/l | LCS Result<br>ug/l | LCSD Result<br>ug/l | LCS Rec.<br>% | LCSD Rec.<br>% | Rec. Limits<br>% | LCS Qualifier | LCSD Qualifier | RPD<br>% | RPD Limits<br>% |
|---------------------------|----------------------|--------------------|---------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Benzene                   | 5.00                 | 5.39               | 5.32                | 108           | 106            | 70.0-123         |               |                | 1.31     | 20              |
| Ethylbenzene              | 5.00                 | 5.00               | 4.85                | 100           | 97.0           | 79.0-123         |               |                | 3.05     | 20              |
| Toluene                   | 5.00                 | 5.17               | 5.08                | 103           | 102            | 79.0-120         |               |                | 1.76     | 20              |
| Xylenes, Total            | 15.0                 | 14.6               | 14.8                | 97.3          | 98.7           | 79.0-123         |               |                | 1.36     | 20              |
| Methyl tert-butyl ether   | 5.00                 | 5.12               | 5.29                | 102           | 106            | 68.0-125         |               |                | 3.27     | 20              |
| Naphthalene               | 5.00                 | 4.37               | 4.34                | 87.4          | 86.8           | 54.0-135         |               |                | 0.689    | 20              |
| 1,2-Dibromoethane         | 5.00                 | 5.28               | 5.28                | 106           | 106            | 80.0-122         |               |                | 0.000    | 20              |
| 1,2-Dichloroethane        | 5.00                 | 5.61               | 5.64                | 112           | 113            | 70.0-128         |               |                | 0.533    | 20              |
| Isopropylbenzene          | 5.00                 | 4.95               | 4.83                | 99.0          | 96.6           | 76.0-127         |               |                | 2.45     | 20              |
| n-Propylbenzene           | 5.00                 | 5.21               | 5.11                | 104           | 102            | 77.0-124         |               |                | 1.94     | 20              |
| 1,2,4-Trimethylbenzene    | 5.00                 | 4.99               | 4.95                | 99.8          | 99.0           | 76.0-121         |               |                | 0.805    | 20              |
| 1,3,5-Trimethylbenzene    | 5.00                 | 5.11               | 5.12                | 102           | 102            | 76.0-122         |               |                | 0.196    | 20              |
| (S) Toluene-d8            |                      |                    |                     | 101           | 101            | 80.0-120         |               |                |          |                 |
| (S) 4-Bromofluorobenzene  |                      |                    |                     | 96.2          | 95.3           | 77.0-126         |               |                |          |                 |
| (S) 1,2-Dichloroethane-d4 |                      |                    |                     | 116           | 117            | 70.0-130         |               |                |          |                 |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

# GLOSSARY OF TERMS

## Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

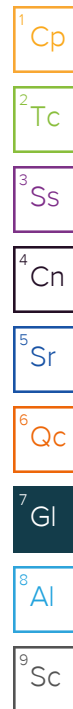
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

### Abbreviations and Definitions

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MDL                          | Method Detection Limit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| ND                           | Not detected at the Reporting Limit (or MDL where applicable).                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| RDL                          | Reported Detection Limit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Rec.                         | Recovery.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| RPD                          | Relative Percent Difference.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SDG                          | Sample Delivery Group.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| (S)                          | Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.                                                                                                                                                                                                                                               |
| U                            | Not detected at the Reporting Limit (or MDL where applicable).                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Analyte                      | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.                                                                                                                                                                                                                                                                                                                                                                                                 |
| Dilution                     | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.                                                                                    |
| Limits                       | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.                                                                                                                                                                                                                                                      |
| Original Sample              | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.                                                                                                                                                                                                                                                                                                                            |
| Qualifier                    | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.                                                                                                                                                                  |
| Result                       | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Case Narrative (Cn)          | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.                                                                                                                                                                          |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.                                                                                                                                                                                              |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.                                                              |
| Sample Results (Sr)          | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.                                                                                                                                                                                             |
| Sample Summary (Ss)          | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.                                                                                                                                                                                                                                                                                                                                                            |

### Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.



# ACCREDITATIONS & LOCATIONS

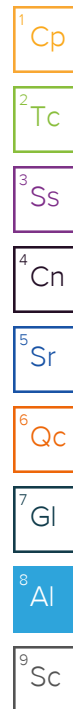
## Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

|                                |             |                             |                  |
|--------------------------------|-------------|-----------------------------|------------------|
| Alabama                        | 40660       | Nebraska                    | NE-OS-15-05      |
| Alaska                         | 17-026      | Nevada                      | TN000032021-1    |
| Arizona                        | AZ0612      | New Hampshire               | 2975             |
| Arkansas                       | 88-0469     | New Jersey--NELAP           | TN002            |
| California                     | 2932        | New Mexico <sup>1</sup>     | TN00003          |
| Colorado                       | TN00003     | New York                    | 11742            |
| Connecticut                    | PH-0197     | North Carolina              | Env375           |
| Florida                        | E87487      | North Carolina <sup>1</sup> | DW21704          |
| Georgia                        | NELAP       | North Carolina <sup>3</sup> | 41               |
| Georgia <sup>1</sup>           | 923         | North Dakota                | R-140            |
| Idaho                          | TN00003     | Ohio--VAP                   | CL0069           |
| Illinois                       | 200008      | Oklahoma                    | 9915             |
| Indiana                        | C-TN-01     | Oregon                      | TN200002         |
| Iowa                           | 364         | Pennsylvania                | 68-02979         |
| Kansas                         | E-10277     | Rhode Island                | LA000356         |
| Kentucky <sup>1,6</sup>        | KY90010     | South Carolina              | 84004002         |
| Kentucky <sup>2</sup>          | 16          | South Dakota                | n/a              |
| Louisiana                      | AI30792     | Tennessee <sup>1,4</sup>    | 2006             |
| Louisiana                      | LA018       | Texas                       | T104704245-20-18 |
| Maine                          | TN00003     | Texas <sup>5</sup>          | LAB0152          |
| Maryland                       | 324         | Utah                        | TN000032021-11   |
| Massachusetts                  | M-TN003     | Vermont                     | VT2006           |
| Michigan                       | 9958        | Virginia                    | 110033           |
| Minnesota                      | 047-999-395 | Washington                  | C847             |
| Mississippi                    | TN00003     | West Virginia               | 233              |
| Missouri                       | 340         | Wisconsin                   | 998093910        |
| Montana                        | CERT0086    | Wyoming                     | A2LA             |
| A2LA -- ISO 17025              | 1461.01     | AIHA-LAP,LLC EMLAP          | 100789           |
| A2LA -- ISO 17025 <sup>5</sup> | 1461.02     | DOD                         | 1461.01          |
| Canada                         | 1461.01     | USDA                        | P330-15-00234    |
| EPA--Crypto                    | TN00003     |                             |                  |

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> Wastewater n/a Accreditation not applicable

\* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

\* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



## State of Oregon Chain of Custody

| <b>Agency, Authorized Purchaser or Agent: DEQ</b>                                                                                                                                 |                             |               |                             | <b>Contract Laboratory Name:</b><br>Pace Analytical                                                                                                                                                                                                                 |                       |                          | <b>Lab Selection Criteria:</b><br><input type="checkbox"/> Proximity (if TAT < 48 hrs)<br><input type="checkbox"/> Prior work on same project<br><input checked="" type="checkbox"/> Cost (for anticipated analyses)<br><input type="checkbox"/> Other labs disqualified or unable to perform requested services<br><input type="checkbox"/> Emergency work |  |  |  | <b>Turn Around Time:</b><br><input checked="" type="checkbox"/> 10 days (std.)<br><input type="checkbox"/> 5 days<br><input type="checkbox"/> 72 hours<br><input type="checkbox"/> 48 hours<br><input type="checkbox"/> 24 hours<br><input type="checkbox"/> Other |                     |  |  |  |  |  |  |  |     |     |     |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--|--|--|--|--|--|--|-----|-----|-----|--|--|--|--|--|--|--|--|--|--------------------|--|--|--|--|--|--|--|--|--|
| <b>Send Lab Report To:</b> Sarah Kingery<br>Address: 165 East 7 <sup>th</sup> Ave, Suite 100<br>Eugene, OR, 97401<br>Tel. #: 541-321-3687<br>E-mail: Sarah.kingery@deq.oregon.gov |                             |               |                             | <b>Lab Batch #:</b>                                                                                                                                                                                                                                                 |                       |                          | <b>Invoice To:</b><br>Address: DEQEXP@deq.oregon.gov                                                                                                                                                                                                                                                                                                        |  |  |  |                                                                                                                                                                                                                                                                    |                     |  |  |  |  |  |  |  |     |     |     |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |
| <b>Project Name:</b> Elmira Family Store<br><b>Project #:</b> 310200<br><b>Sampler Name:</b> Rachel Long                                                                          |                             |               |                             | <table border="1"> <tr> <th colspan="8">Sample Preservative</th> </tr> <tr> <td>HCL</td><td>HCL</td><td>HCL</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <th colspan="8">Requested Analyses</th> </tr> </table> |                       |                          |                                                                                                                                                                                                                                                                                                                                                             |  |  |  |                                                                                                                                                                                                                                                                    | Sample Preservative |  |  |  |  |  |  |  | HCL | HCL | HCL |  |  |  |  |  |  |  |  |  | Requested Analyses |  |  |  |  |  |  |  |  |  |
| Sample Preservative                                                                                                                                                               |                             |               |                             |                                                                                                                                                                                                                                                                     |                       |                          |                                                                                                                                                                                                                                                                                                                                                             |  |  |  |                                                                                                                                                                                                                                                                    |                     |  |  |  |  |  |  |  |     |     |     |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |
| HCL                                                                                                                                                                               | HCL                         | HCL           |                             |                                                                                                                                                                                                                                                                     |                       |                          |                                                                                                                                                                                                                                                                                                                                                             |  |  |  |                                                                                                                                                                                                                                                                    |                     |  |  |  |  |  |  |  |     |     |     |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |
| Requested Analyses                                                                                                                                                                |                             |               |                             |                                                                                                                                                                                                                                                                     |                       |                          |                                                                                                                                                                                                                                                                                                                                                             |  |  |  |                                                                                                                                                                                                                                                                    |                     |  |  |  |  |  |  |  |     |     |     |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |
| <b>Sample ID#</b>                                                                                                                                                                 | <b>Collection Date/Time</b> | <b>Matrix</b> | <b>Number of Containers</b> | <b>NWTPH-Gx</b>                                                                                                                                                                                                                                                     | <b>VOCs by 8260C*</b> | <b>VOCs by EPA 524.2</b> |                                                                                                                                                                                                                                                                                                                                                             |  |  |  |                                                                                                                                                                                                                                                                    | <b>Comments</b>     |  |  |  |  |  |  |  |     |     |     |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |
| McQuarrie Post                                                                                                                                                                    | 10/25 10:05 A               | W             | 6                           | X                                                                                                                                                                                                                                                                   |                       | X                        |                                                                                                                                                                                                                                                                                                                                                             |  |  |  |                                                                                                                                                                                                                                                                    | -01                 |  |  |  |  |  |  |  |     |     |     |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |
| McQuarrie Mid 2                                                                                                                                                                   | 10/25 10:15 A               | W             | 6                           | X                                                                                                                                                                                                                                                                   | X                     |                          |                                                                                                                                                                                                                                                                                                                                                             |  |  |  |                                                                                                                                                                                                                                                                    | -02                 |  |  |  |  |  |  |  |     |     |     |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |
| McQuarrie Mid 1                                                                                                                                                                   | 10/25 10:20 A               | W             | 6                           | X                                                                                                                                                                                                                                                                   | X                     |                          |                                                                                                                                                                                                                                                                                                                                                             |  |  |  |                                                                                                                                                                                                                                                                    | -03                 |  |  |  |  |  |  |  |     |     |     |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |
| McQuarrie Pre                                                                                                                                                                     | 10/25 10:35 A               | W             | 6                           | X                                                                                                                                                                                                                                                                   | X                     |                          |                                                                                                                                                                                                                                                                                                                                                             |  |  |  |                                                                                                                                                                                                                                                                    | -04                 |  |  |  |  |  |  |  |     |     |     |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |
| McQuarrie Dup                                                                                                                                                                     | 10/25 10:35 A               | W             | 6                           | X                                                                                                                                                                                                                                                                   | X                     |                          |                                                                                                                                                                                                                                                                                                                                                             |  |  |  |                                                                                                                                                                                                                                                                    | -05                 |  |  |  |  |  |  |  |     |     |     |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |
| Cordon                                                                                                                                                                            | 10/25 11:15 A               | W             | 6                           | X                                                                                                                                                                                                                                                                   |                       | X                        |                                                                                                                                                                                                                                                                                                                                                             |  |  |  |                                                                                                                                                                                                                                                                    | -06                 |  |  |  |  |  |  |  |     |     |     |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |
| Trip Blank                                                                                                                                                                        | 10/25                       | W             | 2                           |                                                                                                                                                                                                                                                                     | X                     |                          |                                                                                                                                                                                                                                                                                                                                                             |  |  |  |                                                                                                                                                                                                                                                                    | -07                 |  |  |  |  |  |  |  |     |     |     |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |
| In House                                                                                                                                                                          | 10/25 11:00 A               | W             | 6                           | X                                                                                                                                                                                                                                                                   |                       | X                        |                                                                                                                                                                                                                                                                                                                                                             |  |  |  |                                                                                                                                                                                                                                                                    | -08                 |  |  |  |  |  |  |  |     |     |     |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                   |                             |               |                             |                                                                                                                                                                                                                                                                     |                       |                          |                                                                                                                                                                                                                                                                                                                                                             |  |  |  |                                                                                                                                                                                                                                                                    |                     |  |  |  |  |  |  |  |     |     |     |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                   |                             |               |                             |                                                                                                                                                                                                                                                                     |                       |                          |                                                                                                                                                                                                                                                                                                                                                             |  |  |  |                                                                                                                                                                                                                                                                    |                     |  |  |  |  |  |  |  |     |     |     |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                   |                             |               |                             |                                                                                                                                                                                                                                                                     |                       |                          |                                                                                                                                                                                                                                                                                                                                                             |  |  |  |                                                                                                                                                                                                                                                                    |                     |  |  |  |  |  |  |  |     |     |     |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                   |                             |               |                             |                                                                                                                                                                                                                                                                     |                       |                          |                                                                                                                                                                                                                                                                                                                                                             |  |  |  |                                                                                                                                                                                                                                                                    |                     |  |  |  |  |  |  |  |     |     |     |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |

Notes: \*Please report RBDM VOCs for the 8260C analysis.

**Sample Receipt Checklist**

COC Seal Present/Intact: ☒ Y ☐ N      If Applicable  
 COC Signed/Accurate: ☒ Y ☐ N      VOC Zero Headspace: ☒ Y ☐ N  
 Bottles arrive intact: ☒ Y ☐ N      Pres. Correct/Check: ☒ Y ☐ N  
 Correct bottles used: ☒ Y ☐ N  
 Sufficient volume sent: ☒ Y ☐ N  
 PA Screen <0.5 mR/hr: ☒ Y ☐ N

|                                      |                                     |                                         |                                       |
|--------------------------------------|-------------------------------------|-----------------------------------------|---------------------------------------|
| <b>Relinquished By:</b> Rachel Long  | <b>Agency/Agent:</b> OR-DEQ         | <b>Received By:</b> Alexa Mitchell      | <b>Agency/Agent:</b> PACE             |
| <b>Signature:</b> <i>Rachel Long</i> | <b>Time &amp; Date:</b> 11:30 10/25 | <b>Signature:</b> <i>Alexa Mitchell</i> | <b>Time &amp; Date:</b> 10/26/23 0900 |
| <b>Relinquished By:</b>              | <b>Agency/Agent:</b>                | <b>Received By:</b>                     | <b>Agency/Agent:</b>                  |
| <b>Signature:</b>                    | <b>Time &amp; Date:</b>             | <b>Signature:</b>                       | <b>Time &amp; Date:</b>               |

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