

**Caerus Oil and Gas**

Sample Delivery Group: L1748891  
Samples Received: 06/20/2024  
Project Number:  
Description: Love Ranch 8 Remediation  
Site: LOVE RANCH 8  
Report To: Jake J. / Brett M. / Blair R. / Andy V.  
143 Diamond Avenue  
Parachute, CO 81635

Entire Report Reviewed By:



Chris Ward  
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

**Pace Analytical National**12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 [mydata.pacelabs.com](https://mydata.pacelabs.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

## 20240618-XTWP-(LR8-ST-PC-DG11) L1748891-01 GW

Collected by  
Collected date/time  
Received date/time

06/18/24 11:45 06/20/24 09:00

| Method                                             | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Gravimetric Analysis by Method 2540 C-2011         | WG2309367 | 1        | 06/21/24 08:49        | 06/21/24 11:27     | MMF     | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A                      | WG2310910 | 1        | 06/27/24 04:26        | 06/27/24 04:26     | DLH     | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A                      | WG2310910 | 10       | 06/27/24 04:40        | 06/27/24 04:40     | DLH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2311267 | 1        | 06/25/24 13:28        | 06/25/24 13:28     | GLN     | Mt. Juliet, TN |

<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

## 20240618-XTWP-(LR8-ST-PC-DG12) L1748891-02 GW

Collected by  
Collected date/time  
Received date/time

06/18/24 11:55 06/20/24 09:00

| Method                                             | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Gravimetric Analysis by Method 2540 C-2011         | WG2309367 | 1        | 06/21/24 08:49        | 06/21/24 11:27     | MMF     | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A                      | WG2311117 | 10       | 06/27/24 11:46        | 06/27/24 11:46     | DLH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2311294 | 1        | 06/26/24 06:56        | 06/26/24 06:56     | GLN     | Mt. Juliet, TN |

## 20240618-XTWP-(LR8-ST-PC-DG13) L1748891-03 GW

Collected by  
Collected date/time  
Received date/time

06/18/24 12:05 06/20/24 09:00

| Method                                             | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Gravimetric Analysis by Method 2540 C-2011         | WG2309367 | 1        | 06/21/24 08:49        | 06/21/24 11:27     | MMF     | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A                      | WG2311117 | 10       | 06/27/24 12:13        | 06/27/24 12:13     | DLH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2311294 | 1        | 06/26/24 07:14        | 06/26/24 07:14     | GLN     | Mt. Juliet, TN |

## 20240618-XTWP-(LR8-ST-PC-DG14) L1748891-04 GW

Collected by  
Collected date/time  
Received date/time

06/18/24 12:15 06/20/24 09:00

| Method                                             | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Gravimetric Analysis by Method 2540 C-2011         | WG2309367 | 1        | 06/21/24 08:49        | 06/21/24 11:27     | MMF     | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A                      | WG2311117 | 10       | 06/27/24 12:43        | 06/27/24 12:43     | DLH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2311294 | 1        | 06/26/24 07:33        | 06/26/24 07:33     | GLN     | Mt. Juliet, TN |

## 20240618-XTWP-(LR8-ST-PC-POR) L1748891-05 GW

Collected by  
Collected date/time  
Received date/time

06/18/24 12:25 06/20/24 09:00

| Method                                             | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Gravimetric Analysis by Method 2540 C-2011         | WG2309367 | 1        | 06/21/24 08:49        | 06/21/24 11:27     | MMF     | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A                      | WG2311117 | 10       | 06/27/24 13:10        | 06/27/24 13:10     | DLH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2311294 | 1        | 06/26/24 07:52        | 06/26/24 07:52     | GLN     | Mt. Juliet, TN |

## 20240618-XTWP-(LR8-ST-PC-UG02) L1748891-06 GW

Collected by  
Collected date/time  
Received date/time

06/18/24 12:35 06/20/24 09:00

| Method                                             | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Gravimetric Analysis by Method 2540 C-2011         | WG2309367 | 1        | 06/21/24 08:49        | 06/21/24 11:27     | MMF     | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A                      | WG2311117 | 10       | 06/27/24 13:37        | 06/27/24 13:37     | DLH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2311294 | 1        | 06/26/24 08:11        | 06/26/24 08:11     | GLN     | Mt. Juliet, TN |

# SAMPLE SUMMARY

## 20240618-XTWP-(LR8-PZ01) L1748891-07 GW

Collected by  
Collected date/time  
Received date/time

06/18/24 11:45 06/20/24 09:00

| Method                                             | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Gravimetric Analysis by Method 2540 C-2011         | WG2309367 | 1        | 06/21/24 08:49        | 06/21/24 11:27     | MMF     | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A                      | WG2311117 | 10       | 06/27/24 14:31        | 06/27/24 14:31     | DLH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2311294 | 1        | 06/26/24 08:30        | 06/26/24 08:30     | GLN     | Mt. Juliet, TN |

<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

## 20240618-XTWP-(LR8-PZ02) L1748891-08 GW

Collected by  
Collected date/time  
Received date/time

06/18/24 12:05 06/20/24 09:00

| Method                                             | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Gravimetric Analysis by Method 2540 C-2011         | WG2309675 | 1        | 06/21/24 15:31        | 06/24/24 12:35     | MMF     | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A                      | WG2311117 | 10       | 06/27/24 14:58        | 06/27/24 14:58     | DLH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2311294 | 1        | 06/26/24 08:48        | 06/26/24 08:48     | GLN     | Mt. Juliet, TN |

## 20240618-XTWP-(LR8-PZ04) L1748891-09 GW

Collected by  
Collected date/time  
Received date/time

06/18/24 13:00 06/20/24 09:00

| Method                                             | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Gravimetric Analysis by Method 2540 C-2011         | WG2309675 | 1        | 06/21/24 15:31        | 06/24/24 12:35     | MMF     | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A                      | WG2311117 | 10       | 06/27/24 15:25        | 06/27/24 15:25     | DLH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2311294 | 1        | 06/26/24 09:07        | 06/26/24 09:07     | GLN     | Mt. Juliet, TN |

## 20240618-XTWP-(LR8-MW04) L1748891-10 GW

Collected by  
Collected date/time  
Received date/time

06/18/24 13:05 06/20/24 09:00

| Method                                             | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Gravimetric Analysis by Method 2540 C-2011         | WG2309675 | 1        | 06/21/24 15:31        | 06/24/24 12:35     | MMF     | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A                      | WG2311117 | 10       | 06/27/24 15:52        | 06/27/24 15:52     | DLH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2311294 | 1        | 06/26/24 09:26        | 06/26/24 09:26     | GLN     | Mt. Juliet, TN |

## 20240618-XTWP-(LR8-MW03) L1748891-11 GW

Collected by  
Collected date/time  
Received date/time

06/18/24 13:30 06/20/24 09:00

| Method                                             | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Gravimetric Analysis by Method 2540 C-2011         | WG2309675 | 1        | 06/21/24 15:31        | 06/24/24 12:35     | MMF     | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A                      | WG2311117 | 10       | 06/27/24 16:19        | 06/27/24 16:19     | DLH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2311294 | 1        | 06/26/24 09:45        | 06/26/24 09:45     | GLN     | Mt. Juliet, TN |

## 20240618-XTWP-(LR8-MW01) L1748891-12 GW

Collected by  
Collected date/time  
Received date/time

06/18/24 13:55 06/20/24 09:00

| Method                                             | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Gravimetric Analysis by Method 2540 C-2011         | WG2309675 | 1        | 06/21/24 15:31        | 06/24/24 12:35     | MMF     | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A                      | WG2311117 | 10       | 06/27/24 17:13        | 06/27/24 17:13     | DLH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2311294 | 1        | 06/26/24 10:42        | 06/26/24 10:42     | GLN     | Mt. Juliet, TN |

# SAMPLE SUMMARY

20240618-XTWP-(LR8-PZ03) L1748891-13 GW

Collected by

Collected date/time

Received date/time

06/18/24 14:15

06/20/24 09:00

| Method                                             | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Gravimetric Analysis by Method 2540 C-2011         | WG2309675 | 1        | 06/21/24 15:31        | 06/24/24 12:35     | MMF     | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A                      | WG2311117 | 10       | 06/27/24 17:40        | 06/27/24 17:40     | DLH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2311294 | 1        | 06/26/24 11:01        | 06/26/24 11:01     | GLN     | Mt. Juliet, TN |

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

20240618-XTWP-(LR8-MW02) L1748891-14 GW

Collected by

Collected date/time

Received date/time

06/18/24 14:30

06/20/24 09:00

| Method                                             | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Gravimetric Analysis by Method 2540 C-2011         | WG2309675 | 1        | 06/21/24 15:31        | 06/24/24 12:35     | MMF     | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A                      | WG2311117 | 10       | 06/27/24 18:07        | 06/27/24 18:07     | DLH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2311294 | 1        | 06/26/24 11:20        | 06/26/24 11:20     | GLN     | Mt. Juliet, TN |

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

20240618-XTWP-(LR8-PZ05) L1748891-15 GW

Collected by

Collected date/time

Received date/time

06/18/24 14:45

06/20/24 09:00

| Method                                             | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Gravimetric Analysis by Method 2540 C-2011         | WG2309675 | 1        | 06/21/24 15:31        | 06/24/24 12:35     | MMF     | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A                      | WG2311117 | 10       | 06/27/24 18:34        | 06/27/24 18:34     | DLH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B | WG2311294 | 1        | 06/26/24 11:38        | 06/26/24 11:38     | GLN     | Mt. Juliet, TN |

<sup>8</sup>Al

<sup>9</sup>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.



Chris Ward  
Project Manager



Gravimetric Analysis by Method 2540 C-2011

|                  | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|------------------|--------|-----------|------|----------|------------------|---------------------------|
| Analyte          | mg/l   |           | mg/l |          | date / time      |                           |
| Dissolved Solids | 1190   |           | 20.0 | 1        | 06/21/2024 11:27 | <a href="#">WG2309367</a> |

Wet Chemistry by Method 9056A

|          | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|----------|--------|-----------|------|----------|------------------|---------------------------|
| Analyte  | mg/l   |           | mg/l |          | date / time      |                           |
| Chloride | 22.5   |           | 1.00 | 1        | 06/27/2024 04:26 | <a href="#">WG2310910</a> |
| Sulfate  | 414    |           | 50.0 | 10       | 06/27/2024 04:40 | <a href="#">WG2310910</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

|                           | Result | Qualifier             | RDL      | Dilution | Analysis         | Batch                     |
|---------------------------|--------|-----------------------|----------|----------|------------------|---------------------------|
| Analyte                   | mg/l   |                       | mg/l     |          | date / time      |                           |
| Benzene                   | ND     |                       | 0.00100  | 1        | 06/25/2024 13:28 | <a href="#">WG2311267</a> |
| Toluene                   | ND     |                       | 0.00100  | 1        | 06/25/2024 13:28 | <a href="#">WG2311267</a> |
| Ethylbenzene              | ND     |                       | 0.00100  | 1        | 06/25/2024 13:28 | <a href="#">WG2311267</a> |
| Xylenes, Total            | ND     |                       | 0.00300  | 1        | 06/25/2024 13:28 | <a href="#">WG2311267</a> |
| Naphthalene               | ND     |                       | 0.00500  | 1        | 06/25/2024 13:28 | <a href="#">WG2311267</a> |
| 1,2,4-Trimethylbenzene    | ND     |                       | 0.00100  | 1        | 06/25/2024 13:28 | <a href="#">WG2311267</a> |
| 1,3,5-Trimethylbenzene    | ND     |                       | 0.00100  | 1        | 06/25/2024 13:28 | <a href="#">WG2311267</a> |
| 1-Methylnaphthalene       | ND     | <a href="#">J3</a>    | 0.0100   | 1        | 06/25/2024 13:28 | <a href="#">WG2311267</a> |
| 2-Methylnaphthalene       | ND     | <a href="#">J3 J4</a> | 0.0100   | 1        | 06/25/2024 13:28 | <a href="#">WG2311267</a> |
| (S) Toluene-d8            | 101    |                       | 80.0-120 |          | 06/25/2024 13:28 | <a href="#">WG2311267</a> |
| (S) 4-Bromofluorobenzene  | 92.3   |                       | 77.0-126 |          | 06/25/2024 13:28 | <a href="#">WG2311267</a> |
| (S) 1,2-Dichloroethane-d4 | 107    |                       | 70.0-130 |          | 06/25/2024 13:28 | <a href="#">WG2311267</a> |

Sample Narrative:

L1748891-01 WG2311267: Reporting 2-MN from TIC analysis also.

Volatile Organic Compounds (GC/MS) by Method 8260B - TENTATIVELY IDENTIFIED COMPOUNDS

|         | Result | Qualifier | RDL  | Dilution | Analysis    | Batch | CAS # | RT |
|---------|--------|-----------|------|----------|-------------|-------|-------|----|
| Analyte | mg/l   |           | mg/l |          | date / time |       |       |    |

Number of TICs found: 0

Tentatively Identified compounds (TIC) refers to substances not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search routine of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist. Quantitation is accomplished by relative peak area of the TIC compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is 10% or more of that of the nearest internal standard.

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Gravimetric Analysis by Method 2540 C-2011

| Analyte          | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|------------------|--------|-----------|------|----------|------------------|---------------------------|
|                  | mg/l   |           | mg/l |          | date / time      |                           |
| Dissolved Solids | 1200   |           | 20.0 | 1        | 06/21/2024 11:27 | <a href="#">WG2309367</a> |

Wet Chemistry by Method 9056A

| Analyte  | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|----------|--------|-----------|------|----------|------------------|---------------------------|
|          | mg/l   |           | mg/l |          | date / time      |                           |
| Chloride | 22.5   |           | 10.0 | 10       | 06/27/2024 11:46 | <a href="#">WG2311117</a> |
| Sulfate  | 460    |           | 50.0 | 10       | 06/27/2024 11:46 | <a href="#">WG2311117</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|---------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                           | mg/l   |           | mg/l     |          | date / time      |                           |
| Benzene                   | ND     |           | 0.00100  | 1        | 06/26/2024 06:56 | <a href="#">WG2311294</a> |
| Toluene                   | ND     |           | 0.00100  | 1        | 06/26/2024 06:56 | <a href="#">WG2311294</a> |
| Ethylbenzene              | ND     |           | 0.00100  | 1        | 06/26/2024 06:56 | <a href="#">WG2311294</a> |
| Xylenes, Total            | ND     |           | 0.00300  | 1        | 06/26/2024 06:56 | <a href="#">WG2311294</a> |
| Naphthalene               | ND     |           | 0.00500  | 1        | 06/26/2024 06:56 | <a href="#">WG2311294</a> |
| 1,2,4-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 06:56 | <a href="#">WG2311294</a> |
| 1,3,5-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 06:56 | <a href="#">WG2311294</a> |
| 1-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 06:56 | <a href="#">WG2311294</a> |
| 2-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 06:56 | <a href="#">WG2311294</a> |
| (S) Toluene-d8            | 101    |           | 80.0-120 |          | 06/26/2024 06:56 | <a href="#">WG2311294</a> |
| (S) 4-Bromofluorobenzene  | 98.8   |           | 77.0-126 |          | 06/26/2024 06:56 | <a href="#">WG2311294</a> |
| (S) 1,2-Dichloroethane-d4 | 114    |           | 70.0-130 |          | 06/26/2024 06:56 | <a href="#">WG2311294</a> |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Gravimetric Analysis by Method 2540 C-2011

| Analyte          | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|------------------|--------|-----------|------|----------|------------------|---------------------------|
|                  | mg/l   |           | mg/l |          | date / time      |                           |
| Dissolved Solids | 1190   |           | 20.0 | 1        | 06/21/2024 11:27 | <a href="#">WG2309367</a> |

Wet Chemistry by Method 9056A

| Analyte  | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|----------|--------|-----------|------|----------|------------------|---------------------------|
|          | mg/l   |           | mg/l |          | date / time      |                           |
| Chloride | 25.8   |           | 10.0 | 10       | 06/27/2024 12:13 | <a href="#">WG2311117</a> |
| Sulfate  | 452    |           | 50.0 | 10       | 06/27/2024 12:13 | <a href="#">WG2311117</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|---------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                           | mg/l   |           | mg/l     |          | date / time      |                           |
| Benzene                   | ND     |           | 0.00100  | 1        | 06/26/2024 07:14 | <a href="#">WG2311294</a> |
| Toluene                   | ND     |           | 0.00100  | 1        | 06/26/2024 07:14 | <a href="#">WG2311294</a> |
| Ethylbenzene              | ND     |           | 0.00100  | 1        | 06/26/2024 07:14 | <a href="#">WG2311294</a> |
| Xylenes, Total            | ND     |           | 0.00300  | 1        | 06/26/2024 07:14 | <a href="#">WG2311294</a> |
| Naphthalene               | ND     |           | 0.00500  | 1        | 06/26/2024 07:14 | <a href="#">WG2311294</a> |
| 1,2,4-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 07:14 | <a href="#">WG2311294</a> |
| 1,3,5-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 07:14 | <a href="#">WG2311294</a> |
| 1-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 07:14 | <a href="#">WG2311294</a> |
| 2-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 07:14 | <a href="#">WG2311294</a> |
| (S) Toluene-d8            | 101    |           | 80.0-120 |          | 06/26/2024 07:14 | <a href="#">WG2311294</a> |
| (S) 4-Bromofluorobenzene  | 99.4   |           | 77.0-126 |          | 06/26/2024 07:14 | <a href="#">WG2311294</a> |
| (S) 1,2-Dichloroethane-d4 | 121    |           | 70.0-130 |          | 06/26/2024 07:14 | <a href="#">WG2311294</a> |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Gravimetric Analysis by Method 2540 C-2011

| Analyte          | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|------------------|--------|-----------|------|----------|------------------|---------------------------|
|                  | mg/l   |           | mg/l |          | date / time      |                           |
| Dissolved Solids | 1210   |           | 20.0 | 1        | 06/21/2024 11:27 | <a href="#">WG2309367</a> |

Wet Chemistry by Method 9056A

| Analyte  | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|----------|--------|-----------|------|----------|------------------|---------------------------|
|          | mg/l   |           | mg/l |          | date / time      |                           |
| Chloride | 29.4   |           | 10.0 | 10       | 06/27/2024 12:43 | <a href="#">WG2311117</a> |
| Sulfate  | 450    |           | 50.0 | 10       | 06/27/2024 12:43 | <a href="#">WG2311117</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|---------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                           | mg/l   |           | mg/l     |          | date / time      |                           |
| Benzene                   | ND     |           | 0.00100  | 1        | 06/26/2024 07:33 | <a href="#">WG2311294</a> |
| Toluene                   | ND     |           | 0.00100  | 1        | 06/26/2024 07:33 | <a href="#">WG2311294</a> |
| Ethylbenzene              | ND     |           | 0.00100  | 1        | 06/26/2024 07:33 | <a href="#">WG2311294</a> |
| Xylenes, Total            | ND     |           | 0.00300  | 1        | 06/26/2024 07:33 | <a href="#">WG2311294</a> |
| Naphthalene               | ND     |           | 0.00500  | 1        | 06/26/2024 07:33 | <a href="#">WG2311294</a> |
| 1,2,4-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 07:33 | <a href="#">WG2311294</a> |
| 1,3,5-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 07:33 | <a href="#">WG2311294</a> |
| 1-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 07:33 | <a href="#">WG2311294</a> |
| 2-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 07:33 | <a href="#">WG2311294</a> |
| (S) Toluene-d8            | 100    |           | 80.0-120 |          | 06/26/2024 07:33 | <a href="#">WG2311294</a> |
| (S) 4-Bromofluorobenzene  | 95.4   |           | 77.0-126 |          | 06/26/2024 07:33 | <a href="#">WG2311294</a> |
| (S) 1,2-Dichloroethane-d4 | 119    |           | 70.0-130 |          | 06/26/2024 07:33 | <a href="#">WG2311294</a> |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Gravimetric Analysis by Method 2540 C-2011

| Analyte          | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|------------------|--------|-----------|------|----------|------------------|---------------------------|
|                  | mg/l   |           | mg/l |          | date / time      |                           |
| Dissolved Solids | 1180   |           | 20.0 | 1        | 06/21/2024 11:27 | <a href="#">WG2309367</a> |

Wet Chemistry by Method 9056A

| Analyte  | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|----------|--------|-----------|------|----------|------------------|---------------------------|
|          | mg/l   |           | mg/l |          | date / time      |                           |
| Chloride | 22.1   |           | 10.0 | 10       | 06/27/2024 13:10 | <a href="#">WG2311117</a> |
| Sulfate  | 441    |           | 50.0 | 10       | 06/27/2024 13:10 | <a href="#">WG2311117</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|---------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                           | mg/l   |           | mg/l     |          | date / time      |                           |
| Benzene                   | ND     |           | 0.00100  | 1        | 06/26/2024 07:52 | <a href="#">WG2311294</a> |
| Toluene                   | ND     |           | 0.00100  | 1        | 06/26/2024 07:52 | <a href="#">WG2311294</a> |
| Ethylbenzene              | ND     |           | 0.00100  | 1        | 06/26/2024 07:52 | <a href="#">WG2311294</a> |
| Xylenes, Total            | ND     |           | 0.00300  | 1        | 06/26/2024 07:52 | <a href="#">WG2311294</a> |
| Naphthalene               | ND     |           | 0.00500  | 1        | 06/26/2024 07:52 | <a href="#">WG2311294</a> |
| 1,2,4-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 07:52 | <a href="#">WG2311294</a> |
| 1,3,5-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 07:52 | <a href="#">WG2311294</a> |
| 1-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 07:52 | <a href="#">WG2311294</a> |
| 2-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 07:52 | <a href="#">WG2311294</a> |
| (S) Toluene-d8            | 101    |           | 80.0-120 |          | 06/26/2024 07:52 | <a href="#">WG2311294</a> |
| (S) 4-Bromofluorobenzene  | 97.8   |           | 77.0-126 |          | 06/26/2024 07:52 | <a href="#">WG2311294</a> |
| (S) 1,2-Dichloroethane-d4 | 121    |           | 70.0-130 |          | 06/26/2024 07:52 | <a href="#">WG2311294</a> |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Gravimetric Analysis by Method 2540 C-2011

| Analyte          | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|------------------|--------|-----------|------|----------|------------------|---------------------------|
|                  | mg/l   |           | mg/l |          | date / time      |                           |
| Dissolved Solids | 1170   |           | 20.0 | 1        | 06/21/2024 11:27 | <a href="#">WG2309367</a> |

Wet Chemistry by Method 9056A

| Analyte  | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|----------|--------|-----------|------|----------|------------------|---------------------------|
|          | mg/l   |           | mg/l |          | date / time      |                           |
| Chloride | 23.6   |           | 10.0 | 10       | 06/27/2024 13:37 | <a href="#">WG2311117</a> |
| Sulfate  | 449    |           | 50.0 | 10       | 06/27/2024 13:37 | <a href="#">WG2311117</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|---------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                           | mg/l   |           | mg/l     |          | date / time      |                           |
| Benzene                   | ND     |           | 0.00100  | 1        | 06/26/2024 08:11 | <a href="#">WG2311294</a> |
| Toluene                   | ND     |           | 0.00100  | 1        | 06/26/2024 08:11 | <a href="#">WG2311294</a> |
| Ethylbenzene              | ND     |           | 0.00100  | 1        | 06/26/2024 08:11 | <a href="#">WG2311294</a> |
| Xylenes, Total            | ND     |           | 0.00300  | 1        | 06/26/2024 08:11 | <a href="#">WG2311294</a> |
| Naphthalene               | ND     |           | 0.00500  | 1        | 06/26/2024 08:11 | <a href="#">WG2311294</a> |
| 1,2,4-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 08:11 | <a href="#">WG2311294</a> |
| 1,3,5-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 08:11 | <a href="#">WG2311294</a> |
| 1-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 08:11 | <a href="#">WG2311294</a> |
| 2-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 08:11 | <a href="#">WG2311294</a> |
| (S) Toluene-d8            | 101    |           | 80.0-120 |          | 06/26/2024 08:11 | <a href="#">WG2311294</a> |
| (S) 4-Bromofluorobenzene  | 95.9   |           | 77.0-126 |          | 06/26/2024 08:11 | <a href="#">WG2311294</a> |
| (S) 1,2-Dichloroethane-d4 | 121    |           | 70.0-130 |          | 06/26/2024 08:11 | <a href="#">WG2311294</a> |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Gravimetric Analysis by Method 2540 C-2011

| Analyte          | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|------------------|--------|-----------|------|----------|------------------|---------------------------|
|                  | mg/l   |           | mg/l |          | date / time      |                           |
| Dissolved Solids | 1530   |           | 50.0 | 1        | 06/21/2024 11:27 | <a href="#">WG2309367</a> |

Wet Chemistry by Method 9056A

| Analyte  | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|----------|--------|-----------|------|----------|------------------|---------------------------|
|          | mg/l   |           | mg/l |          | date / time      |                           |
| Chloride | 36.3   |           | 10.0 | 10       | 06/27/2024 14:31 | <a href="#">WG2311117</a> |
| Sulfate  | 572    |           | 50.0 | 10       | 06/27/2024 14:31 | <a href="#">WG2311117</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|---------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                           | mg/l   |           | mg/l     |          | date / time      |                           |
| Benzene                   | ND     |           | 0.00100  | 1        | 06/26/2024 08:30 | <a href="#">WG2311294</a> |
| Toluene                   | ND     |           | 0.00100  | 1        | 06/26/2024 08:30 | <a href="#">WG2311294</a> |
| Ethylbenzene              | ND     |           | 0.00100  | 1        | 06/26/2024 08:30 | <a href="#">WG2311294</a> |
| Xylenes, Total            | ND     |           | 0.00300  | 1        | 06/26/2024 08:30 | <a href="#">WG2311294</a> |
| Naphthalene               | ND     |           | 0.00500  | 1        | 06/26/2024 08:30 | <a href="#">WG2311294</a> |
| 1,2,4-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 08:30 | <a href="#">WG2311294</a> |
| 1,3,5-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 08:30 | <a href="#">WG2311294</a> |
| 1-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 08:30 | <a href="#">WG2311294</a> |
| 2-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 08:30 | <a href="#">WG2311294</a> |
| (S) Toluene-d8            | 99.9   |           | 80.0-120 |          | 06/26/2024 08:30 | <a href="#">WG2311294</a> |
| (S) 4-Bromofluorobenzene  | 95.4   |           | 77.0-126 |          | 06/26/2024 08:30 | <a href="#">WG2311294</a> |
| (S) 1,2-Dichloroethane-d4 | 121    |           | 70.0-130 |          | 06/26/2024 08:30 | <a href="#">WG2311294</a> |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Gravimetric Analysis by Method 2540 C-2011

| Analyte          | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|------------------|--------|-----------|------|----------|------------------|---------------------------|
|                  | mg/l   |           | mg/l |          | date / time      |                           |
| Dissolved Solids | 1430   |           | 25.0 | 1        | 06/24/2024 12:35 | <a href="#">WG2309675</a> |

Wet Chemistry by Method 9056A

| Analyte  | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|----------|--------|-----------|------|----------|------------------|---------------------------|
|          | mg/l   |           | mg/l |          | date / time      |                           |
| Chloride | 32.9   |           | 10.0 | 10       | 06/27/2024 14:58 | <a href="#">WG2311117</a> |
| Sulfate  | 572    |           | 50.0 | 10       | 06/27/2024 14:58 | <a href="#">WG2311117</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|---------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                           | mg/l   |           | mg/l     |          | date / time      |                           |
| Benzene                   | ND     |           | 0.00100  | 1        | 06/26/2024 08:48 | <a href="#">WG2311294</a> |
| Toluene                   | ND     |           | 0.00100  | 1        | 06/26/2024 08:48 | <a href="#">WG2311294</a> |
| Ethylbenzene              | ND     |           | 0.00100  | 1        | 06/26/2024 08:48 | <a href="#">WG2311294</a> |
| Xylenes, Total            | ND     |           | 0.00300  | 1        | 06/26/2024 08:48 | <a href="#">WG2311294</a> |
| Naphthalene               | ND     |           | 0.00500  | 1        | 06/26/2024 08:48 | <a href="#">WG2311294</a> |
| 1,2,4-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 08:48 | <a href="#">WG2311294</a> |
| 1,3,5-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 08:48 | <a href="#">WG2311294</a> |
| 1-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 08:48 | <a href="#">WG2311294</a> |
| 2-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 08:48 | <a href="#">WG2311294</a> |
| (S) Toluene-d8            | 101    |           | 80.0-120 |          | 06/26/2024 08:48 | <a href="#">WG2311294</a> |
| (S) 4-Bromofluorobenzene  | 96.1   |           | 77.0-126 |          | 06/26/2024 08:48 | <a href="#">WG2311294</a> |
| (S) 1,2-Dichloroethane-d4 | 120    |           | 70.0-130 |          | 06/26/2024 08:48 | <a href="#">WG2311294</a> |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Gravimetric Analysis by Method 2540 C-2011

| Analyte          | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|------------------|--------|-----------|------|----------|------------------|---------------------------|
|                  | mg/l   |           | mg/l |          | date / time      |                           |
| Dissolved Solids | 1310   |           | 50.0 | 1        | 06/24/2024 12:35 | <a href="#">WG2309675</a> |

Wet Chemistry by Method 9056A

| Analyte  | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|----------|--------|-----------|------|----------|------------------|---------------------------|
|          | mg/l   |           | mg/l |          | date / time      |                           |
| Chloride | 294    |           | 10.0 | 10       | 06/27/2024 15:25 | <a href="#">WG2311117</a> |
| Sulfate  | 495    |           | 50.0 | 10       | 06/27/2024 15:25 | <a href="#">WG2311117</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|---------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                           | mg/l   |           | mg/l     |          | date / time      |                           |
| Benzene                   | 0.0431 |           | 0.00100  | 1        | 06/26/2024 09:07 | <a href="#">WG2311294</a> |
| Toluene                   | ND     |           | 0.00100  | 1        | 06/26/2024 09:07 | <a href="#">WG2311294</a> |
| Ethylbenzene              | ND     |           | 0.00100  | 1        | 06/26/2024 09:07 | <a href="#">WG2311294</a> |
| Xylenes, Total            | ND     |           | 0.00300  | 1        | 06/26/2024 09:07 | <a href="#">WG2311294</a> |
| Naphthalene               | ND     |           | 0.00500  | 1        | 06/26/2024 09:07 | <a href="#">WG2311294</a> |
| 1,2,4-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 09:07 | <a href="#">WG2311294</a> |
| 1,3,5-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 09:07 | <a href="#">WG2311294</a> |
| 1-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 09:07 | <a href="#">WG2311294</a> |
| 2-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 09:07 | <a href="#">WG2311294</a> |
| (S) Toluene-d8            | 99.5   |           | 80.0-120 |          | 06/26/2024 09:07 | <a href="#">WG2311294</a> |
| (S) 4-Bromofluorobenzene  | 95.4   |           | 77.0-126 |          | 06/26/2024 09:07 | <a href="#">WG2311294</a> |
| (S) 1,2-Dichloroethane-d4 | 117    |           | 70.0-130 |          | 06/26/2024 09:07 | <a href="#">WG2311294</a> |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Gravimetric Analysis by Method 2540 C-2011

| Analyte          | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|------------------|--------|-----------|------|----------|------------------|---------------------------|
|                  | mg/l   |           | mg/l |          | date / time      |                           |
| Dissolved Solids | 1280   |           | 25.0 | 1        | 06/24/2024 12:35 | <a href="#">WG2309675</a> |

Wet Chemistry by Method 9056A

| Analyte  | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|----------|--------|-----------|------|----------|------------------|---------------------------|
|          | mg/l   |           | mg/l |          | date / time      |                           |
| Chloride | 42.0   |           | 10.0 | 10       | 06/27/2024 15:52 | <a href="#">WG2311117</a> |
| Sulfate  | 505    |           | 50.0 | 10       | 06/27/2024 15:52 | <a href="#">WG2311117</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|---------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                           | mg/l   |           | mg/l     |          | date / time      |                           |
| Benzene                   | ND     |           | 0.00100  | 1        | 06/26/2024 09:26 | <a href="#">WG2311294</a> |
| Toluene                   | ND     |           | 0.00100  | 1        | 06/26/2024 09:26 | <a href="#">WG2311294</a> |
| Ethylbenzene              | ND     |           | 0.00100  | 1        | 06/26/2024 09:26 | <a href="#">WG2311294</a> |
| Xylenes, Total            | ND     |           | 0.00300  | 1        | 06/26/2024 09:26 | <a href="#">WG2311294</a> |
| Naphthalene               | ND     |           | 0.00500  | 1        | 06/26/2024 09:26 | <a href="#">WG2311294</a> |
| 1,2,4-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 09:26 | <a href="#">WG2311294</a> |
| 1,3,5-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 09:26 | <a href="#">WG2311294</a> |
| 1-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 09:26 | <a href="#">WG2311294</a> |
| 2-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 09:26 | <a href="#">WG2311294</a> |
| (S) Toluene-d8            | 102    |           | 80.0-120 |          | 06/26/2024 09:26 | <a href="#">WG2311294</a> |
| (S) 4-Bromofluorobenzene  | 96.7   |           | 77.0-126 |          | 06/26/2024 09:26 | <a href="#">WG2311294</a> |
| (S) 1,2-Dichloroethane-d4 | 121    |           | 70.0-130 |          | 06/26/2024 09:26 | <a href="#">WG2311294</a> |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Gravimetric Analysis by Method 2540 C-2011

| Analyte          | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|------------------|--------|-----------|------|----------|------------------|---------------------------|
|                  | mg/l   |           | mg/l |          | date / time      |                           |
| Dissolved Solids | 1450   |           | 25.0 | 1        | 06/24/2024 12:35 | <a href="#">WG2309675</a> |

Wet Chemistry by Method 9056A

| Analyte  | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|----------|--------|-----------|------|----------|------------------|---------------------------|
|          | mg/l   |           | mg/l |          | date / time      |                           |
| Chloride | 81.6   |           | 10.0 | 10       | 06/27/2024 16:19 | <a href="#">WG2311117</a> |
| Sulfate  | 671    |           | 50.0 | 10       | 06/27/2024 16:19 | <a href="#">WG2311117</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|---------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                           | mg/l   |           | mg/l     |          | date / time      |                           |
| Benzene                   | ND     |           | 0.00100  | 1        | 06/26/2024 09:45 | <a href="#">WG2311294</a> |
| Toluene                   | ND     |           | 0.00100  | 1        | 06/26/2024 09:45 | <a href="#">WG2311294</a> |
| Ethylbenzene              | ND     |           | 0.00100  | 1        | 06/26/2024 09:45 | <a href="#">WG2311294</a> |
| Xylenes, Total            | ND     |           | 0.00300  | 1        | 06/26/2024 09:45 | <a href="#">WG2311294</a> |
| Naphthalene               | ND     |           | 0.00500  | 1        | 06/26/2024 09:45 | <a href="#">WG2311294</a> |
| 1,2,4-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 09:45 | <a href="#">WG2311294</a> |
| 1,3,5-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 09:45 | <a href="#">WG2311294</a> |
| 1-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 09:45 | <a href="#">WG2311294</a> |
| 2-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 09:45 | <a href="#">WG2311294</a> |
| (S) Toluene-d8            | 100    |           | 80.0-120 |          | 06/26/2024 09:45 | <a href="#">WG2311294</a> |
| (S) 4-Bromofluorobenzene  | 96.5   |           | 77.0-126 |          | 06/26/2024 09:45 | <a href="#">WG2311294</a> |
| (S) 1,2-Dichloroethane-d4 | 119    |           | 70.0-130 |          | 06/26/2024 09:45 | <a href="#">WG2311294</a> |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Gravimetric Analysis by Method 2540 C-2011

| Analyte          | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|------------------|--------|-----------|------|----------|------------------|---------------------------|
|                  | mg/l   |           | mg/l |          | date / time      |                           |
| Dissolved Solids | 1230   |           | 25.0 | 1        | 06/24/2024 12:35 | <a href="#">WG2309675</a> |

Wet Chemistry by Method 9056A

| Analyte  | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|----------|--------|-----------|------|----------|------------------|---------------------------|
|          | mg/l   |           | mg/l |          | date / time      |                           |
| Chloride | 31.1   |           | 10.0 | 10       | 06/27/2024 17:13 | <a href="#">WG2311117</a> |
| Sulfate  | 365    |           | 50.0 | 10       | 06/27/2024 17:13 | <a href="#">WG2311117</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|---------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                           | mg/l   |           | mg/l     |          | date / time      |                           |
| Benzene                   | ND     |           | 0.00100  | 1        | 06/26/2024 10:42 | <a href="#">WG2311294</a> |
| Toluene                   | ND     |           | 0.00100  | 1        | 06/26/2024 10:42 | <a href="#">WG2311294</a> |
| Ethylbenzene              | ND     |           | 0.00100  | 1        | 06/26/2024 10:42 | <a href="#">WG2311294</a> |
| Xylenes, Total            | ND     |           | 0.00300  | 1        | 06/26/2024 10:42 | <a href="#">WG2311294</a> |
| Naphthalene               | ND     |           | 0.00500  | 1        | 06/26/2024 10:42 | <a href="#">WG2311294</a> |
| 1,2,4-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 10:42 | <a href="#">WG2311294</a> |
| 1,3,5-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 10:42 | <a href="#">WG2311294</a> |
| 1-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 10:42 | <a href="#">WG2311294</a> |
| 2-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 10:42 | <a href="#">WG2311294</a> |
| (S) Toluene-d8            | 102    |           | 80.0-120 |          | 06/26/2024 10:42 | <a href="#">WG2311294</a> |
| (S) 4-Bromofluorobenzene  | 97.0   |           | 77.0-126 |          | 06/26/2024 10:42 | <a href="#">WG2311294</a> |
| (S) 1,2-Dichloroethane-d4 | 119    |           | 70.0-130 |          | 06/26/2024 10:42 | <a href="#">WG2311294</a> |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Gravimetric Analysis by Method 2540 C-2011

| Analyte          | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|------------------|--------|-----------|------|----------|------------------|---------------------------|
|                  | mg/l   |           | mg/l |          | date / time      |                           |
| Dissolved Solids | 1230   |           | 50.0 | 1        | 06/24/2024 12:35 | <a href="#">WG2309675</a> |

Wet Chemistry by Method 9056A

| Analyte  | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|----------|--------|-----------|------|----------|------------------|---------------------------|
|          | mg/l   |           | mg/l |          | date / time      |                           |
| Chloride | 98.1   |           | 10.0 | 10       | 06/27/2024 17:40 | <a href="#">WG2311117</a> |
| Sulfate  | 768    |           | 50.0 | 10       | 06/27/2024 17:40 | <a href="#">WG2311117</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|---------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                           | mg/l   |           | mg/l     |          | date / time      |                           |
| Benzene                   | ND     |           | 0.00100  | 1        | 06/26/2024 11:01 | <a href="#">WG2311294</a> |
| Toluene                   | ND     |           | 0.00100  | 1        | 06/26/2024 11:01 | <a href="#">WG2311294</a> |
| Ethylbenzene              | ND     |           | 0.00100  | 1        | 06/26/2024 11:01 | <a href="#">WG2311294</a> |
| Xylenes, Total            | ND     |           | 0.00300  | 1        | 06/26/2024 11:01 | <a href="#">WG2311294</a> |
| Naphthalene               | ND     |           | 0.00500  | 1        | 06/26/2024 11:01 | <a href="#">WG2311294</a> |
| 1,2,4-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 11:01 | <a href="#">WG2311294</a> |
| 1,3,5-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 11:01 | <a href="#">WG2311294</a> |
| 1-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 11:01 | <a href="#">WG2311294</a> |
| 2-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 11:01 | <a href="#">WG2311294</a> |
| (S) Toluene-d8            | 105    |           | 80.0-120 |          | 06/26/2024 11:01 | <a href="#">WG2311294</a> |
| (S) 4-Bromofluorobenzene  | 101    |           | 77.0-126 |          | 06/26/2024 11:01 | <a href="#">WG2311294</a> |
| (S) 1,2-Dichloroethane-d4 | 117    |           | 70.0-130 |          | 06/26/2024 11:01 | <a href="#">WG2311294</a> |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Gravimetric Analysis by Method 2540 C-2011

| Analyte          | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|------------------|--------|-----------|------|----------|------------------|---------------------------|
|                  | mg/l   |           | mg/l |          | date / time      |                           |
| Dissolved Solids | 1990   |           | 50.0 | 1        | 06/24/2024 12:35 | <a href="#">WG2309675</a> |

Wet Chemistry by Method 9056A

| Analyte  | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|----------|--------|-----------|------|----------|------------------|---------------------------|
|          | mg/l   |           | mg/l |          | date / time      |                           |
| Chloride | 278    |           | 10.0 | 10       | 06/27/2024 18:07 | <a href="#">WG2311117</a> |
| Sulfate  | 994    |           | 50.0 | 10       | 06/27/2024 18:07 | <a href="#">WG2311117</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|---------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                           | mg/l   |           | mg/l     |          | date / time      |                           |
| Benzene                   | ND     |           | 0.00100  | 1        | 06/26/2024 11:20 | <a href="#">WG2311294</a> |
| Toluene                   | ND     |           | 0.00100  | 1        | 06/26/2024 11:20 | <a href="#">WG2311294</a> |
| Ethylbenzene              | ND     |           | 0.00100  | 1        | 06/26/2024 11:20 | <a href="#">WG2311294</a> |
| Xylenes, Total            | ND     |           | 0.00300  | 1        | 06/26/2024 11:20 | <a href="#">WG2311294</a> |
| Naphthalene               | ND     |           | 0.00500  | 1        | 06/26/2024 11:20 | <a href="#">WG2311294</a> |
| 1,2,4-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 11:20 | <a href="#">WG2311294</a> |
| 1,3,5-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 11:20 | <a href="#">WG2311294</a> |
| 1-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 11:20 | <a href="#">WG2311294</a> |
| 2-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 11:20 | <a href="#">WG2311294</a> |
| (S) Toluene-d8            | 98.3   |           | 80.0-120 |          | 06/26/2024 11:20 | <a href="#">WG2311294</a> |
| (S) 4-Bromofluorobenzene  | 97.2   |           | 77.0-126 |          | 06/26/2024 11:20 | <a href="#">WG2311294</a> |
| (S) 1,2-Dichloroethane-d4 | 112    |           | 70.0-130 |          | 06/26/2024 11:20 | <a href="#">WG2311294</a> |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Gravimetric Analysis by Method 2540 C-2011

| Analyte          | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|------------------|--------|-----------|------|----------|------------------|---------------------------|
|                  | mg/l   |           | mg/l |          | date / time      |                           |
| Dissolved Solids | 1480   |           | 25.0 | 1        | 06/24/2024 12:35 | <a href="#">WG2309675</a> |

Wet Chemistry by Method 9056A

| Analyte  | Result | Qualifier | RDL  | Dilution | Analysis         | Batch                     |
|----------|--------|-----------|------|----------|------------------|---------------------------|
|          | mg/l   |           | mg/l |          | date / time      |                           |
| Chloride | 78.7   |           | 10.0 | 10       | 06/27/2024 18:34 | <a href="#">WG2311117</a> |
| Sulfate  | 680    |           | 50.0 | 10       | 06/27/2024 18:34 | <a href="#">WG2311117</a> |

Volatile Organic Compounds (GC/MS) by Method 8260B

| Analyte                   | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|---------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                           | mg/l   |           | mg/l     |          | date / time      |                           |
| Benzene                   | ND     |           | 0.00100  | 1        | 06/26/2024 11:38 | <a href="#">WG2311294</a> |
| Toluene                   | ND     |           | 0.00100  | 1        | 06/26/2024 11:38 | <a href="#">WG2311294</a> |
| Ethylbenzene              | ND     |           | 0.00100  | 1        | 06/26/2024 11:38 | <a href="#">WG2311294</a> |
| Xylenes, Total            | ND     |           | 0.00300  | 1        | 06/26/2024 11:38 | <a href="#">WG2311294</a> |
| Naphthalene               | ND     |           | 0.00500  | 1        | 06/26/2024 11:38 | <a href="#">WG2311294</a> |
| 1,2,4-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 11:38 | <a href="#">WG2311294</a> |
| 1,3,5-Trimethylbenzene    | ND     |           | 0.00100  | 1        | 06/26/2024 11:38 | <a href="#">WG2311294</a> |
| 1-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 11:38 | <a href="#">WG2311294</a> |
| 2-Methylnaphthalene       | ND     |           | 0.0100   | 1        | 06/26/2024 11:38 | <a href="#">WG2311294</a> |
| (S) Toluene-d8            | 93.8   |           | 80.0-120 |          | 06/26/2024 11:38 | <a href="#">WG2311294</a> |
| (S) 4-Bromofluorobenzene  | 102    |           | 77.0-126 |          | 06/26/2024 11:38 | <a href="#">WG2311294</a> |
| (S) 1,2-Dichloroethane-d4 | 123    |           | 70.0-130 |          | 06/26/2024 11:38 | <a href="#">WG2311294</a> |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4086002-1 06/21/24 11:27

| Analyte          | MB Result<br>mg/l | MB Qualifier | MB MDL<br>mg/l | MB RDL<br>mg/l |
|------------------|-------------------|--------------|----------------|----------------|
| Dissolved Solids | U                 | ⏏            | 10.0           | 10.0           |

<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

L1748418-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1748418-06 06/21/24 11:27 • (DUP) R4086002-3 06/21/24 11:27

| Analyte          | Original Result<br>mg/l | DUP Result<br>mg/l | Dilution | DUP RPD<br>% | DUP Qualifier | DUP RPD<br>Limits<br>% |
|------------------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| Dissolved Solids | 1090                    | 1020               | 1        | 6.67         |               | 10                     |

L1748891-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1748891-07 06/21/24 11:27 • (DUP) R4086002-4 06/21/24 11:27

| Analyte          | Original Result<br>mg/l | DUP Result<br>mg/l | Dilution | DUP RPD<br>% | DUP Qualifier | DUP RPD<br>Limits<br>% |
|------------------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| Dissolved Solids | 1530                    | 1550               | 1        | 1.63         |               | 10                     |

Laboratory Control Sample (LCS)

(LCS) R4086002-2 06/21/24 11:27

| Analyte          | Spike Amount<br>mg/l | LCS Result<br>mg/l | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|------------------|----------------------|--------------------|---------------|------------------|---------------|
| Dissolved Solids | 8800                 | 8760               | 99.5          | 85.0-115         |               |

Method Blank (MB)

(MB) R4086673-1 06/24/24 12:35

|                  | MB Result | MB Qualifier | MB MDL | MB RDL |
|------------------|-----------|--------------|--------|--------|
| Analyte          | mg/l      |              | mg/l   | mg/l   |
| Dissolved Solids | U         |              | 10.0   | 10.0   |

L1748989-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1748989-01 06/24/24 12:35 • (DUP) R4086673-3 06/24/24 12:35

|                  | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|------------------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte          | mg/l            | mg/l       |          | %       |               | %              |
| Dissolved Solids | 341             | 349        | 1        | 2.32    |               | 10             |

L1748989-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1748989-02 06/24/24 12:35 • (DUP) R4086673-4 06/24/24 12:35

|                  | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|------------------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte          | mg/l            | mg/l       |          | %       |               | %              |
| Dissolved Solids | 526             | 544        | 1        | 3.36    |               | 10             |

Laboratory Control Sample (LCS)

(LCS) R4086673-2 06/24/24 12:35

|                  | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|------------------|--------------|------------|----------|-------------|---------------|
| Analyte          | mg/l         | mg/l       | %        | %           |               |
| Dissolved Solids | 8800         | 8370       | 95.1     | 85.0-115    |               |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4087360-1 06/26/24 09:20

|          | MB Result | MB Qualifier | MB MDL | MB RDL |
|----------|-----------|--------------|--------|--------|
| Analyte  | mg/l      |              | mg/l   | mg/l   |
| Chloride | U         |              | 0.379  | 1.00   |
| Sulfate  | U         |              | 0.594  | 5.00   |

L1748418-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1748418-06 06/26/24 20:44 • (DUP) R4087360-3 06/26/24 20:58

|          | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|----------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte  | mg/l            | mg/l       |          | %       |               | %              |
| Chloride | 42.5            | 42.3       | 1        | 0.357   |               | 15             |

L1748418-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1748418-06 06/26/24 21:25 • (DUP) R4087360-5 06/26/24 21:41

|         | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l            | mg/l       |          | %       |               | %              |
| Sulfate | 325             | 305        | 5        | 6.11    |               | 15             |

L1748442-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1748442-04 06/27/24 00:36 • (DUP) R4087360-6 06/27/24 00:50

|          | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|----------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte  | mg/l            | mg/l       |          | %       |               | %              |
| Chloride | 41.7            | 42.0       | 1        | 0.572   |               | 15             |

L1748442-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1748442-04 06/27/24 01:30 • (DUP) R4087360-9 06/27/24 01:44

|         | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l            | mg/l       |          | %       |               | %              |
| Sulfate | 324             | 321        | 5        | 1.17    |               | 15             |





Laboratory Control Sample (LCS)

(LCS) R4087360-2 06/26/24 09:33

|          | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | <u>LCS Qualifier</u> |
|----------|--------------|------------|----------|-------------|----------------------|
| Analyte  | mg/l         | mg/l       | %        | %           |                      |
| Chloride | 40.0         | 37.5       | 93.7     | 80.0-120    |                      |
| Sulfate  | 40.0         | 36.7       | 91.8     | 80.0-120    |                      |

L1748418-06 Original Sample (OS) • Matrix Spike (MS)

(OS) L1748418-06 06/26/24 20:44 • (MS) R4087360-4 06/26/24 21:11

|          | Spike Amount | Original Result | MS Result | MS Rec. | Dilution | Rec. Limits | <u>MS Qualifier</u> |
|----------|--------------|-----------------|-----------|---------|----------|-------------|---------------------|
| Analyte  | mg/l         | mg/l            | mg/l      | %       |          | %           |                     |
| Chloride | 40.0         | 42.5            | 74.5      | 80.0    | 1        | 80.0-120    |                     |

L1748442-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1748442-04 06/27/24 00:36 • (MS) R4087360-7 06/27/24 01:03 • (MSD) R4087360-8 06/27/24 01:17

|          | Spike Amount | Original Result | MS Result | MSD Result | MS Rec. | MSD Rec. | Dilution | Rec. Limits | <u>MS Qualifier</u> | <u>MSD Qualifier</u> | RPD  | RPD Limits |
|----------|--------------|-----------------|-----------|------------|---------|----------|----------|-------------|---------------------|----------------------|------|------------|
| Analyte  | mg/l         | mg/l            | mg/l      | mg/l       | %       | %        |          | %           |                     |                      | %    | %          |
| Chloride | 40.0         | 41.7            | 73.0      | 73.9       | 78.2    | 80.5     | 1        | 80.0-120    | J6                  |                      | 1.24 | 15         |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4087920-1 06/27/24 08:49

|          | MB Result | MB Qualifier | MB MDL | MB RDL |
|----------|-----------|--------------|--------|--------|
| Analyte  | mg/l      |              | mg/l   | mg/l   |
| Chloride | U         |              | 0.379  | 1.00   |
| Sulfate  | U         |              | 0.594  | 5.00   |

L1743472-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1743472-02 06/27/24 10:52 • (DUP) R4087920-3 06/27/24 11:06

|          | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|----------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte  | mg/l            | mg/l       |          | %       |               | %              |
| Chloride | 71.9            | 72.6       | 1        | 0.900   |               | 15             |
| Sulfate  | 26.8            | 27.1       | 1        | 1.15    |               | 15             |

L1749455-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1749455-04 06/27/24 20:23 • (DUP) R4087920-6 06/27/24 20:36

|          | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|----------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte  | mg/l            | mg/l       |          | %       |               | %              |
| Chloride | 40.4            | 40.0       | 1        | 1.05    |               | 15             |
| Sulfate  | 123             | 122        | 1        | 0.788   |               | 15             |

Laboratory Control Sample (LCS)

(LCS) R4087920-2 06/27/24 09:02

|          | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|----------|--------------|------------|----------|-------------|---------------|
| Analyte  | mg/l         | mg/l       | %        | %           |               |
| Chloride | 40.0         | 38.4       | 95.9     | 80.0-120    |               |
| Sulfate  | 40.0         | 37.5       | 93.8     | 80.0-120    |               |

L1743472-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1743472-02 06/27/24 10:52 • (MS) R4087920-4 06/27/24 11:19 • (MSD) R4087920-5 06/27/24 11:33

|          | Spike Amount | Original Result | MS Result | MSD Result | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD   | RPD Limits |
|----------|--------------|-----------------|-----------|------------|---------|----------|----------|-------------|--------------|---------------|-------|------------|
| Analyte  | mg/l         | mg/l            | mg/l      | mg/l       | %       | %        |          | %           |              |               | %     | %          |
| Chloride | 40.0         | 71.9            | 98.5      | 99.1       | 66.3    | 68.0     | 1        | 80.0-120    | J6           | J6            | 0.693 | 15         |
| Sulfate  | 40.0         | 26.8            | 62.4      | 63.6       | 88.9    | 92.0     | 1        | 80.0-120    |              |               | 1.98  | 15         |

<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

L1749455-04 Original Sample (OS) • Matrix Spike (MS)

(OS) L1749455-04 06/27/24 20:23 • (MS) R4087920-7 06/27/24 20:50

| Analyte  | Spike Amount<br>mg/l | Original Result<br>mg/l | MS Result<br>mg/l | MS Rec.<br>% | Dilution | Rec. Limits<br>% | <u>MS Qualifier</u> |
|----------|----------------------|-------------------------|-------------------|--------------|----------|------------------|---------------------|
| Chloride | 40.0                 | 40.4                    | 73.9              | 83.7         | 1        | 80.0-120         |                     |
| Sulfate  | 40.0                 | 123                     | 136               | 32.9         | 1        | 80.0-120         | J6                  |

<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) R4086299-3 06/25/24 05:53

| Analyte                   | MB Result<br>mg/l | MB Qualifier | MB MDL<br>mg/l | MB RDL<br>mg/l |
|---------------------------|-------------------|--------------|----------------|----------------|
| Benzene                   | U                 |              | 0.0000941      | 0.00100        |
| Toluene                   | U                 |              | 0.000278       | 0.00100        |
| Ethylbenzene              | U                 |              | 0.000137       | 0.00100        |
| Xylenes, Total            | U                 |              | 0.000174       | 0.00300        |
| Naphthalene               | U                 |              | 0.00100        | 0.00500        |
| 1,2,4-Trimethylbenzene    | U                 |              | 0.000322       | 0.00100        |
| 1,3,5-Trimethylbenzene    | U                 |              | 0.000104       | 0.00100        |
| 1-Methylnaphthalene       | U                 |              | 0.00730        | 0.0100         |
| 2-Methylnaphthalene       | U                 |              | 0.00718        | 0.0100         |
| (S) Toluene-d8            | 100               |              |                | 80.0-120       |
| (S) 4-Bromofluorobenzene  | 96.4              |              |                | 77.0-126       |
| (S) 1,2-Dichloroethane-d4 | 106               |              |                | 70.0-130       |

Method Blank (MB) - TENTATIVELY IDENTIFIED COMPOUNDS

(MB) R4086299-3 06/25/24 05:53

| Analyte | MB Result<br>mg/l | MB Qualifier | MB MDL<br>mg/l | MB RDL<br>mg/l | CAS # |
|---------|-------------------|--------------|----------------|----------------|-------|
|---------|-------------------|--------------|----------------|----------------|-------|

Number of TICs found: 0

Tentatively identified compounds (TIC) refers to substances not present in the list of target compounds. Therefore, not all TICs are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search routine of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist. Quantitation is accomplished by relative peak area of the TIC compared to that of the nearest internal standard from the total ion chromatogram. TICs are identified and quantitated only if the peak area is 10% or more of that of the nearest internal standard.

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

(LCS) R4086299-1 06/25/24 04:46 • (LCSD) R4086299-2 06/25/24 05:08

| Analyte                   | Spike Amount<br>mg/l | LCS Result<br>mg/l | LCSD Result<br>mg/l | LCS Rec.<br>% | LCSD Rec.<br>% | Rec. Limits<br>% | LCS Qualifier | LCSD Qualifier | RPD<br>% | RPD Limits<br>% |
|---------------------------|----------------------|--------------------|---------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Benzene                   | 0.00500              | 0.00524            | 0.00503             | 105           | 101            | 70.0-123         |               |                | 4.09     | 20              |
| Toluene                   | 0.00500              | 0.00454            | 0.00436             | 90.8          | 87.2           | 79.0-120         |               |                | 4.04     | 20              |
| Ethylbenzene              | 0.00500              | 0.00456            | 0.00442             | 91.2          | 88.4           | 79.0-123         |               |                | 3.12     | 20              |
| Xylenes, Total            | 0.0150               | 0.0136             | 0.0128              | 90.7          | 85.3           | 79.0-123         |               |                | 6.06     | 20              |
| Naphthalene               | 0.00500              | 0.00298            | 0.00331             | 59.6          | 66.2           | 54.0-135         |               |                | 10.5     | 20              |
| 1,2,4-Trimethylbenzene    | 0.00500              | 0.00449            | 0.00433             | 89.8          | 86.6           | 76.0-121         |               |                | 3.63     | 20              |
| 1,3,5-Trimethylbenzene    | 0.00500              | 0.00458            | 0.00441             | 91.6          | 88.2           | 76.0-122         |               |                | 3.78     | 20              |
| 1-Methylnaphthalene       | 0.00500              | 0.000740           | 0.00172             | 14.8          | 34.4           | 14.0-154         |               | J3             | 79.7     | 40              |
| 2-Methylnaphthalene       | 0.00500              | 0.000268           | 0.00139             | 5.36          | 27.8           | 15.0-159         | J4            | J3             | 135      | 40              |
| (S) Toluene-d8            |                      |                    |                     | 102           | 102            | 80.0-120         |               |                |          |                 |
| (S) 4-Bromofluorobenzene  |                      |                    |                     | 97.4          | 99.0           | 77.0-126         |               |                |          |                 |
| (S) 1,2-Dichloroethane-d4 |                      |                    |                     | 104           | 103            | 70.0-130         |               |                |          |                 |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1748590-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1748590-03 06/25/24 07:01 • (MS) R4086299-4 06/25/24 13:51 • (MSD) R4086299-5 06/25/24 14:13

| Analyte                   | Spike Amount<br>mg/l | Original Result<br>mg/l | MS Result<br>mg/l | MSD Result<br>mg/l | MS Rec.<br>% | MSD Rec.<br>% | Dilution | Rec. Limits<br>% | MS Qualifier | MSD Qualifier | RPD<br>% | RPD Limits<br>% |
|---------------------------|----------------------|-------------------------|-------------------|--------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| Benzene                   | 0.00500              | ND                      | 0.00597           | 0.00620            | 119          | 124           | 1        | 17.0-158         |              |               | 3.78     | 27              |
| Toluene                   | 0.00500              | ND                      | 0.00538           | 0.00537            | 108          | 107           | 1        | 26.0-154         |              |               | 0.186    | 28              |
| Ethylbenzene              | 0.00500              | ND                      | 0.00558           | 0.00564            | 112          | 113           | 1        | 30.0-155         |              |               | 1.07     | 27              |
| Xylenes, Total            | 0.0150               | ND                      | 0.0163            | 0.0164             | 109          | 109           | 1        | 29.0-154         |              |               | 0.612    | 28              |
| Naphthalene               | 0.00500              | ND                      | ND                | ND                 | 71.0         | 81.4          | 1        | 12.0-156         |              |               | 13.6     | 35              |
| 1,2,4-Trimethylbenzene    | 0.00500              | ND                      | 0.00530           | 0.00552            | 106          | 110           | 1        | 26.0-154         |              |               | 4.07     | 27              |
| 1,3,5-Trimethylbenzene    | 0.00500              | ND                      | 0.00540           | 0.00552            | 108          | 110           | 1        | 28.0-153         |              |               | 2.20     | 27              |
| 1-Methylnaphthalene       | 0.00500              |                         | ND                | ND                 | 0.000        | 0.000         | 1        | 10.0-153         | J6           | J6            | 0.000    | 40              |
| 2-Methylnaphthalene       | 0.00500              |                         | ND                | ND                 | 0.000        | 0.000         | 1        | 10.0-160         | J6           | J6            | 0.000    | 40              |
| (S) Toluene-d8            |                      |                         |                   |                    | 101          | 97.8          |          | 80.0-120         |              |               |          |                 |
| (S) 4-Bromofluorobenzene  |                      |                         |                   |                    | 96.3         | 98.9          |          | 77.0-126         |              |               |          |                 |
| (S) 1,2-Dichloroethane-d4 |                      |                         |                   |                    | 106          | 103           |          | 70.0-130         |              |               |          |                 |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4086886-1 06/26/24 06:18

| Analyte                   | MB Result<br>mg/l | MB Qualifier | MB MDL<br>mg/l | MB RDL<br>mg/l |
|---------------------------|-------------------|--------------|----------------|----------------|
| Benzene                   | U                 |              | 0.0000941      | 0.00100        |
| Toluene                   | U                 |              | 0.000278       | 0.00100        |
| Ethylbenzene              | U                 |              | 0.000137       | 0.00100        |
| Xylenes, Total            | U                 |              | 0.000174       | 0.00300        |
| Naphthalene               | U                 |              | 0.00100        | 0.00500        |
| 1,2,4-Trimethylbenzene    | U                 |              | 0.000322       | 0.00100        |
| 1,3,5-Trimethylbenzene    | U                 |              | 0.000104       | 0.00100        |
| 1-Methylnaphthalene       | U                 |              | 0.00730        | 0.0100         |
| 2-Methylnaphthalene       | U                 |              | 0.00718        | 0.0100         |
| (S) Toluene-d8            | 102               |              |                | 80.0-120       |
| (S) 4-Bromofluorobenzene  | 98.1              |              |                | 77.0-126       |
| (S) 1,2-Dichloroethane-d4 | 115               |              |                | 70.0-130       |

Laboratory Control Sample (LCS)

(LCS) R4086886-2 06/26/24 10:04

| Analyte                   | Spike Amount<br>mg/l | LCS Result<br>mg/l | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|---------------------------|----------------------|--------------------|---------------|------------------|---------------|
| Benzene                   | 0.00500              | 0.00535            | 107           | 70.0-123         |               |
| Toluene                   | 0.00500              | 0.00499            | 99.8          | 79.0-120         |               |
| Ethylbenzene              | 0.00500              | 0.00467            | 93.4          | 79.0-123         |               |
| Xylenes, Total            | 0.0150               | 0.0147             | 98.0          | 79.0-123         |               |
| Naphthalene               | 0.00500              | 0.00556            | 111           | 54.0-135         |               |
| 1,2,4-Trimethylbenzene    | 0.00500              | 0.00498            | 99.6          | 76.0-121         |               |
| 1,3,5-Trimethylbenzene    | 0.00500              | 0.00490            | 98.0          | 76.0-122         |               |
| 1-Methylnaphthalene       | 0.00500              | 0.00351            | 70.2          | 14.0-154         |               |
| 2-Methylnaphthalene       | 0.00500              | 0.00392            | 78.4          | 15.0-159         |               |
| (S) Toluene-d8            |                      |                    | 101           | 80.0-120         |               |
| (S) 4-Bromofluorobenzene  |                      |                    | 98.8          | 77.0-126         |               |
| (S) 1,2-Dichloroethane-d4 |                      |                    | 119           | 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

# GLOSSARY OF TERMS

## Guide to Reading and Understanding Your Laboratory Report

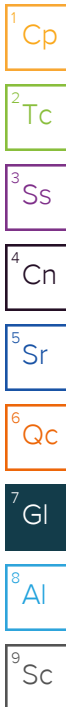
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| RT                           | Retention Time.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 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                                                                                           |
|-----------|-------------------------------------------------------------------------------------------------------|
| J         | The identification of the analyte is acceptable; the reported value is an estimate.                   |
| J3        | The associated batch QC was outside the established quality control range for precision.              |
| J4        | The associated batch QC was outside the established quality control range for accuracy.               |
| J6        | The sample matrix interfered with the ability to make any accurate determination; spike value is low. |



# ACCREDITATIONS & LOCATIONS

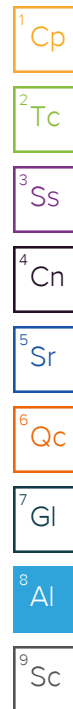
## Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

|                                |             |                             |                  |
|--------------------------------|-------------|-----------------------------|------------------|
| 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.





|                                                                                                                                      |  |  |                                                                                                                                                                                                     |  |                |                                             |                              |  |                     |  |                    |                                                    |                                                                                                                                                                                                                                                                                                                                                                   |                                     |  |  |                                                   |  |  |  |                                                  |                                              |                                             |                                                                                                                                                                                                                                                                                 |     |  |                        |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------|---------------------------------------------|------------------------------|--|---------------------|--|--------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--|--|---------------------------------------------------|--|--|--|--------------------------------------------------|----------------------------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--|------------------------|--|--|--|--|
| Company Name/Address:<br>Caerus Oil & Gas<br><br>143 Diamond Ave<br>Parachute, CO 81635                                              |  |  |                                                                                                                                                                                                     |  |                | Billing Information:<br>Same as left.       |                              |  |                     |  |                    | Pres<br>Chk                                        |                                                                                                                                                                                                                                                                                                                                                                   | Analysis / Container / Preservative |  |  |                                                   |  |  |  |                                                  |                                              |                                             | Chain of Custody<br>Page 1 of 2                                                                                                                                                                                                                                                 |     |  |                        |  |  |  |  |
| Report to:<br>Blair Rollins                                                                                                          |  |  |                                                                                                                                                                                                     |  |                | Email To:<br>brollins@caerusoilandgas.com   |                              |  |                     |  |                    |                                                    |                                                                                                                                                                                                                                                                                                                                                                   |                                     |  |  |                                                   |  |  |  |                                                  |                                              |                                             | Pace<br>PEOPLE ADVANCING SCIENCE                                                                                                                                                                                                                                                |     |  |                        |  |  |  |  |
| Project Description:<br>Love Ranch 8 Remediation                                                                                     |  |  |                                                                                                                                                                                                     |  |                | City/State<br>Collected: Piceance Creek, CO |                              |  |                     |  |                    | Please Circle:<br>PT MT CT ET                      |                                                                                                                                                                                                                                                                                                                                                                   |                                     |  |  |                                                   |  |  |  |                                                  |                                              |                                             | 12065 Lebanon Rd Mount Juliet, TN 37122<br>Phone: 615-758-5858 Alt: 800-767-5859<br>Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at:<br>https://info.pacelabs.com/hubs/pas-standard-terms.pdf |     |  |                        |  |  |  |  |
| Phone:<br>(970) 640-6919                                                                                                             |  |  | Client Project #                                                                                                                                                                                    |  |                | Lab Project #                               |                              |  |                     |  |                    |                                                    |                                                                                                                                                                                                                                                                                                                                                                   |                                     |  |  |                                                   |  |  |  | SDG # 1748891<br>B240                            |                                              |                                             |                                                                                                                                                                                                                                                                                 |     |  |                        |  |  |  |  |
| Collected by (print):<br>Lohner/Dobransky                                                                                            |  |  | Site/Facility ID #<br>Love Ranch 8                                                                                                                                                                  |  |                | P.O. #                                      |                              |  |                     |  |                    |                                                    |                                                                                                                                                                                                                                                                                                                                                                   |                                     |  |  |                                                   |  |  |  | Acctnum:<br>Template:<br>Prelogin:<br>PM:<br>PB: |                                              |                                             |                                                                                                                                                                                                                                                                                 |     |  |                        |  |  |  |  |
| Collected by (signature):                                                                                                            |  |  | Rush? (Lab MUST Be Notified)<br>____ Same Day ____ Five Day<br>____ Next Day ____ 5 Day (Rad Only)<br>____ Two Day ____ 10 Day (Rad Only)<br>____ Three Day                                         |  |                | Quote #                                     |                              |  | Date Results Needed |  | No.<br>of<br>Cntrs |                                                    |                                                                                                                                                                                                                                                                                                                                                                   |                                     |  |  |                                                   |  |  |  |                                                  |                                              | Shipped Via:<br>Remarks Sample # (lab only) |                                                                                                                                                                                                                                                                                 |     |  |                        |  |  |  |  |
| Immediately<br>Packed on Ice N ____ Y <u>X</u>                                                                                       |  |  |                                                                                                                                                                                                     |  |                |                                             |                              |  |                     |  |                    |                                                    |                                                                                                                                                                                                                                                                                                                                                                   |                                     |  |  |                                                   |  |  |  |                                                  |                                              |                                             |                                                                                                                                                                                                                                                                                 |     |  |                        |  |  |  |  |
| Sample ID                                                                                                                            |  |  | Comp/Grab                                                                                                                                                                                           |  | Matrix*        |                                             | Depth                        |  | Date                |  | Time               |                                                    |                                                                                                                                                                                                                                                                                                                                                                   |                                     |  |  |                                                   |  |  |  |                                                  |                                              |                                             |                                                                                                                                                                                                                                                                                 |     |  |                        |  |  |  |  |
| 20240618-XTWP-(LR8-ST-PC-DG11)                                                                                                       |  |  | Grab                                                                                                                                                                                                |  | OT             |                                             |                              |  | 6/18/24             |  | 1145               |                                                    | 7                                                                                                                                                                                                                                                                                                                                                                 |                                     |  |  |                                                   |  |  |  |                                                  |                                              |                                             |                                                                                                                                                                                                                                                                                 | -01 |  |                        |  |  |  |  |
| 20240618-XTWP-(LR8-ST-PC-DG12)                                                                                                       |  |  | Grab                                                                                                                                                                                                |  | OT             |                                             |                              |  | 6/18/24             |  | 1155               |                                                    | 7                                                                                                                                                                                                                                                                                                                                                                 |                                     |  |  |                                                   |  |  |  |                                                  |                                              |                                             |                                                                                                                                                                                                                                                                                 | -02 |  |                        |  |  |  |  |
| 20240618-XTWP-(LR8-ST-PC-DG13)                                                                                                       |  |  | Grab                                                                                                                                                                                                |  | OT             |                                             |                              |  | 6/18/24             |  | 1205               |                                                    | 7                                                                                                                                                                                                                                                                                                                                                                 |                                     |  |  |                                                   |  |  |  |                                                  |                                              |                                             |                                                                                                                                                                                                                                                                                 | -03 |  |                        |  |  |  |  |
| 20240618-XTWP-(LR8-ST-PC-DG14)                                                                                                       |  |  | Grab                                                                                                                                                                                                |  | OT             |                                             |                              |  | 6/18/24             |  | 1215               |                                                    | 7                                                                                                                                                                                                                                                                                                                                                                 |                                     |  |  |                                                   |  |  |  |                                                  |                                              |                                             |                                                                                                                                                                                                                                                                                 | -04 |  |                        |  |  |  |  |
| 20240618-XTWP-(LR8-ST-PC-POR)                                                                                                        |  |  | Grab                                                                                                                                                                                                |  | OT             |                                             |                              |  | 6/18/24             |  | 1225               |                                                    | 7                                                                                                                                                                                                                                                                                                                                                                 |                                     |  |  |                                                   |  |  |  |                                                  |                                              |                                             |                                                                                                                                                                                                                                                                                 | -05 |  |                        |  |  |  |  |
| 20240618-XTWP-(LR8-ST-PC-UG02)                                                                                                       |  |  | Grab                                                                                                                                                                                                |  | OT             |                                             |                              |  | 6/18/24             |  | 1235               |                                                    | 7                                                                                                                                                                                                                                                                                                                                                                 |                                     |  |  |                                                   |  |  |  |                                                  |                                              |                                             |                                                                                                                                                                                                                                                                                 | -06 |  |                        |  |  |  |  |
| 20240618-XTWP-(LR8-PZ01)                                                                                                             |  |  | Grab                                                                                                                                                                                                |  | GW             |                                             | 8.10                         |  | 6/18/24             |  | 1145               |                                                    | 7                                                                                                                                                                                                                                                                                                                                                                 |                                     |  |  |                                                   |  |  |  |                                                  |                                              |                                             |                                                                                                                                                                                                                                                                                 | -07 |  |                        |  |  |  |  |
| 20240618-XTWP-(LR8-PZ02)                                                                                                             |  |  | Grab                                                                                                                                                                                                |  | GW             |                                             | 7.31                         |  | 6/18/24             |  | 1205               |                                                    | 7                                                                                                                                                                                                                                                                                                                                                                 |                                     |  |  |                                                   |  |  |  |                                                  |                                              |                                             |                                                                                                                                                                                                                                                                                 | -08 |  |                        |  |  |  |  |
| 20240618-XTWP-(LR8-PZ04)                                                                                                             |  |  | Grab                                                                                                                                                                                                |  | GW             |                                             | 6.68                         |  | 6/18/24             |  | 1300               |                                                    | 7                                                                                                                                                                                                                                                                                                                                                                 |                                     |  |  |                                                   |  |  |  |                                                  |                                              |                                             |                                                                                                                                                                                                                                                                                 | -09 |  |                        |  |  |  |  |
| 20240618-XTWP-(LR8-MW04)                                                                                                             |  |  | Grab                                                                                                                                                                                                |  | GW             |                                             | 8.12                         |  | 6/18/24             |  | 1305               |                                                    | 7                                                                                                                                                                                                                                                                                                                                                                 |                                     |  |  |                                                   |  |  |  |                                                  |                                              |                                             |                                                                                                                                                                                                                                                                                 | -10 |  |                        |  |  |  |  |
| * Matrix:<br>SS - Soil AIR - Air F - Filter<br>GW - Groundwater B - Bioassay<br>WW - WasteWater<br>DW - Drinking Water<br>OT - Other |  |  | Remarks:<br>TABLE 915 Plus 1 & 2 Methyl-naphthalenes<br><br>pH ____ Temp ____<br>Flow ____ Other ____<br>Samples returned via:<br>____ UPS ____ FedEx ____ Courier ____<br>Tracking # 6426 B3069914 |  |                |                                             |                              |  |                     |  |                    |                                                    | Sample Receipt Checklist<br>COC Seal Present/Intact: <u>7</u> NP <u>Y</u> N<br>COC Signed/Accurate: <u>Y</u> N<br>Bottles arrive intact: <u>Y</u> N<br>Correct bottles used: <u>Y</u> N<br>Sufficient volume sent: <u>Y</u> N<br>If Applicable<br>VOA Zero Headspace: <u>Y</u> N<br>Preservation Correct/Checked: <u>Y</u> N<br>RAD Screen <0.5 mR/hr: <u>Y</u> N |                                     |  |  |                                                   |  |  |  |                                                  |                                              |                                             |                                                                                                                                                                                                                                                                                 |     |  |                        |  |  |  |  |
| Relinquished by: (Signature)<br>                                                                                                     |  |  | Date:<br>6/19/24                                                                                                                                                                                    |  | Time:<br>12:13 |                                             | Received by: (Signature)<br> |  |                     |  |                    | Trip Blank Received: Yes / No<br>HCL / MeoH<br>TBR |                                                                                                                                                                                                                                                                                                                                                                   |                                     |  |  | Temp: 64.1°C Bottles Received: 104<br>1.8+2.3=2.1 |  |  |  |                                                  | If preservation required by Login: Date/Time |                                             |                                                                                                                                                                                                                                                                                 |     |  |                        |  |  |  |  |
| Relinquished by: (Signature)<br>                                                                                                     |  |  | Date:                                                                                                                                                                                               |  | Time:          |                                             | Received by: (Signature)     |  |                     |  |                    | Date:                                              |                                                                                                                                                                                                                                                                                                                                                                   |                                     |  |  | Time:                                             |  |  |  |                                                  | Hold:                                        |                                             |                                                                                                                                                                                                                                                                                 |     |  | Condition:<br>NCP / OK |  |  |  |  |

[illegible]



R5

06/20-NCF-L1748891-CAERUSPCO PM

Time estimate: 0h

Time spent: 0h

Grouping date: 20 June 2024

Members



Paul Minnich (responsible)

- ☐ Parameter(s) past holding time
- ☐ Temperature not in range
- ☐ Improper container type
- ☐ pH not in range
- ☐ Insufficient sample volume
- ☐ Sample is biphasic
- ☐ Vials received with headspace
- ☒ Broken container
- ☒ Sufficient sample remains
- ☐ If broken container: Insufficient packing material around container
- ☐ If broken container: Insufficient packing material inside cooler
- ☐ If broken container: Improper handling by carrier: \_\_\_\_\_
- ☐ If broken container: Sample was frozen
- ☐ If broken container: Container lid not intact
- ☐ Client informed by Call
- ☐ Client informed by Email
- ☐ Client informed by Voicemail
- ☐ Date/Time: \_\_\_\_\_
- ☐ PM initials: \_\_\_\_\_
- ☐ Client Contact: \_\_\_\_\_

Comments

Paul Minnich

20 June 2024 6:28 PM

Sample -04 lost one vial in transit.