


**Civitas - CO**

Sample Delivery Group: L1739188  
Samples Received: 05/22/2024  
Project Number: P1672CD  
Description: State Bierstadt 4-65 35-34 2AH

Report To: Sam Vogt / Jacob Evans  
6855 W. 118th Ave  
Broomfield, CO 80020

Entire Report Reviewed By:



Chris Ward  
Project Manager

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**Pace Analytical National**

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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

## SEP1-B01@3" L1739188-01 Solid

Collected by  
LB/AK      Collected date/time  
05/20/24 10:00      Received date/time  
05/22/24 09:00

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results  | WG2293909 | 1        | 06/01/24 19:54        | 06/01/24 19:54     | DJS     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199                                | WG2291911 | 1        | 05/29/24 07:55        | 05/29/24 23:43     | VSS     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D                               | WG2296542 | 1        | 05/31/24 21:32        | 05/31/24 22:10     | KRB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod                            | WG2296552 | 1        | 05/31/24 23:42        | 06/01/24 00:30     | KRB     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2                     | WG2293911 | 1        | 05/31/24 10:13        | 06/01/24 21:08     | DJS     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020                               | WG2292568 | 5        | 05/30/24 22:50        | 06/06/24 21:13     | LD      | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO         | WG2293482 | 1        | 05/25/24 10:37        | 05/26/24 04:42     | CDD     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B          | WG2293637 | 1        | 05/25/24 10:37        | 05/27/24 05:24     | JBE     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015M        | WG2294869 | 1        | 05/31/24 21:19        | 06/01/24 11:10     | KKS     | Mt. Juliet, TN |
| Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM | WG2295611 | 1        | 05/30/24 18:06        | 05/31/24 04:48     | JCH     | Mt. Juliet, TN |



## SEP1-B02@3" L1739188-02 Solid

Collected by  
LB/AK      Collected date/time  
05/20/24 10:02      Received date/time  
05/22/24 09:00

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results  | WG2293909 | 1        | 06/01/24 19:57        | 06/01/24 19:57     | DJS     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199                                | WG2291911 | 1        | 05/29/24 07:55        | 05/29/24 23:51     | VSS     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D                               | WG2296542 | 1        | 05/31/24 21:32        | 05/31/24 22:10     | KRB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod                            | WG2296552 | 1        | 05/31/24 23:42        | 06/01/24 00:30     | KRB     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2                     | WG2293911 | 1        | 05/31/24 10:13        | 06/01/24 21:11     | DJS     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020                               | WG2292568 | 5        | 05/30/24 22:50        | 06/06/24 21:16     | LD      | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO         | WG2295209 | 1        | 05/25/24 10:37        | 05/30/24 03:10     | WHS     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B          | WG2293637 | 8        | 05/25/24 10:37        | 05/27/24 10:23     | JBE     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015M        | WG2294869 | 500      | 05/31/24 21:19        | 06/01/24 12:00     | KKS     | Mt. Juliet, TN |
| Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM | WG2295611 | 1        | 05/30/24 18:06        | 05/31/24 08:19     | JCH     | Mt. Juliet, TN |

## SEP2-B01@3" L1739188-03 Solid

Collected by  
LB/AK      Collected date/time  
05/20/24 10:04      Received date/time  
05/22/24 09:00

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results  | WG2293909 | 1        | 06/01/24 19:59        | 06/01/24 19:59     | DJS     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199                                | WG2291911 | 1        | 05/29/24 07:55        | 05/29/24 23:59     | VSS     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D                               | WG2296542 | 1        | 05/31/24 21:32        | 05/31/24 22:10     | KRB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod                            | WG2296552 | 1        | 05/31/24 23:42        | 06/01/24 00:30     | KRB     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2                     | WG2293911 | 1        | 05/31/24 10:13        | 06/01/24 21:13     | DJS     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020                               | WG2292568 | 5        | 05/30/24 22:50        | 06/06/24 21:42     | LD      | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO         | WG2293482 | 1        | 05/25/24 10:37        | 05/26/24 05:04     | CDD     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B          | WG2293637 | 1        | 05/25/24 10:37        | 05/27/24 05:43     | JBE     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015M        | WG2294869 | 1        | 05/31/24 21:19        | 06/01/24 10:58     | KKS     | Mt. Juliet, TN |
| Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM | WG2295611 | 1        | 05/30/24 18:06        | 05/31/24 05:05     | JCH     | Mt. Juliet, TN |

## SEP2-B02@3" L1739188-04 Solid

Collected by  
LB/AK      Collected date/time  
05/20/24 10:06      Received date/time  
05/22/24 09:00

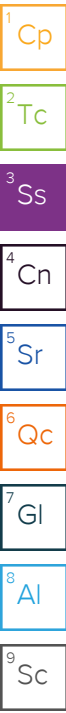
| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results                                  | WG2293909 | 1        | 06/01/24 20:02        | 06/01/24 20:02     | DJS     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199                        | WG2291911 | 1        | 05/29/24 07:55        | 05/30/24 00:07     | VSS     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D                       | WG2296542 | 1        | 05/31/24 21:32        | 05/31/24 22:10     | KRB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod                    | WG2296552 | 1        | 05/31/24 23:42        | 06/01/24 00:30     | KRB     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2             | WG2293911 | 1        | 05/31/24 10:13        | 06/01/24 21:16     | DJS     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020                       | WG2292568 | 5        | 05/30/24 22:50        | 06/06/24 21:45     | LD      | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG2295209 | 1        | 05/25/24 10:37        | 05/30/24 03:30     | WHS     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG2293637 | 20       | 05/25/24 10:37        | 05/27/24 10:42     | JBE     | Mt. Juliet, TN |

# SAMPLE SUMMARY

## SEP2-B02@3" L1739188-04 Solid

Collected by LB/AK      Collected date/time 05/20/24 10:06      Received date/time 05/22/24 09:00

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Semi-Volatile Organic Compounds (GC) by Method 8015M        | WG2294869 | 500      | 05/31/24 21:19        | 06/01/24 12:12     | KKS     | Mt. Juliet, TN |
| Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM | WG2295611 | 1        | 05/30/24 18:06        | 05/31/24 09:29     | JCH     | Mt. Juliet, TN |



## SEP3-B01@3" L1739188-05 Solid

Collected by LB/AK      Collected date/time 05/20/24 10:08      Received date/time 05/22/24 09:00

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results  | WG2293909 | 1        | 06/01/24 20:05        | 06/01/24 20:05     | DJS     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199                                | WG2291911 | 1        | 05/29/24 07:55        | 05/30/24 00:15     | VSS     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D                               | WG2296542 | 1        | 05/31/24 21:32        | 05/31/24 22:10     | KRB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod                            | WG2296552 | 1        | 05/31/24 23:42        | 06/01/24 00:30     | KRB     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2                     | WG2293911 | 1        | 05/31/24 10:13        | 06/01/24 21:19     | DJS     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020                               | WG2292568 | 5        | 05/30/24 22:50        | 06/06/24 21:49     | LD      | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO         | WG2293482 | 1        | 05/25/24 10:37        | 05/26/24 05:25     | CDD     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B          | WG2293637 | 1        | 05/25/24 10:37        | 05/27/24 06:02     | JBE     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015M        | WG2294869 | 1        | 05/31/24 21:19        | 06/01/24 11:23     | KKS     | Mt. Juliet, TN |
| Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM | WG2295611 | 1        | 05/30/24 18:06        | 05/31/24 05:23     | JCH     | Mt. Juliet, TN |

## SEP3-B02@3" L1739188-06 Solid

Collected by LB/AK      Collected date/time 05/20/24 10:10      Received date/time 05/22/24 09:00

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results  | WG2293909 | 1        | 06/01/24 20:08        | 06/01/24 20:08     | DJS     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199                                | WG2291911 | 1        | 05/29/24 07:55        | 05/30/24 00:23     | VSS     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D                               | WG2296542 | 1        | 05/31/24 21:32        | 05/31/24 22:10     | KRB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod                            | WG2296552 | 1        | 05/31/24 23:42        | 06/01/24 00:30     | KRB     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2                     | WG2293911 | 1        | 05/31/24 10:13        | 06/01/24 21:22     | DJS     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020                               | WG2292568 | 5        | 05/30/24 22:50        | 06/06/24 21:52     | LD      | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO         | WG2295209 | 1        | 05/25/24 10:37        | 05/30/24 03:49     | WHS     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B          | WG2293637 | 8        | 05/25/24 10:37        | 05/27/24 11:01     | JBE     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015M        | WG2294869 | 100      | 05/31/24 21:19        | 06/01/24 12:37     | KKS     | Mt. Juliet, TN |
| Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM | WG2295611 | 1        | 05/30/24 18:06        | 05/31/24 08:36     | JCH     | Mt. Juliet, TN |

## SEP4-B01@3" L1739188-07 Solid

Collected by LB/AK      Collected date/time 05/20/24 10:12      Received date/time 05/22/24 09:00

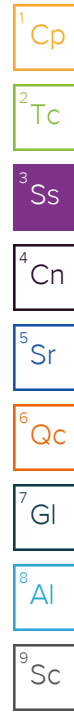
| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results  | WG2293909 | 1        | 06/01/24 20:11        | 06/01/24 20:11     | DJS     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199                                | WG2291911 | 1        | 05/29/24 07:55        | 05/30/24 00:31     | VSS     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D                               | WG2296542 | 1        | 05/31/24 21:32        | 05/31/24 22:10     | KRB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod                            | WG2296552 | 1        | 05/31/24 23:42        | 06/01/24 00:30     | KRB     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2                     | WG2293911 | 1        | 05/31/24 10:13        | 06/01/24 21:25     | DJS     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020                               | WG2292568 | 5        | 05/30/24 22:50        | 06/06/24 21:55     | LD      | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO         | WG2293482 | 1        | 05/25/24 10:37        | 05/26/24 05:47     | CDD     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B          | WG2293637 | 1        | 05/25/24 10:37        | 05/27/24 06:21     | JBE     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015M        | WG2294869 | 1        | 05/31/24 21:19        | 06/01/24 11:23     | KKS     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015M        | WG2294869 | 5        | 05/31/24 21:19        | 06/01/24 13:25     | KKS     | Mt. Juliet, TN |
| Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM | WG2295611 | 1        | 05/30/24 18:06        | 05/31/24 04:30     | JCH     | Mt. Juliet, TN |

# SAMPLE SUMMARY

## SEP4-B02@3" L1739188-08 Solid

Collected by  
LB/AK      Collected date/time  
05/20/24 10:14      Received date/time  
05/22/24 09:00

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results  | WG2293909 | 1        | 06/01/24 20:14        | 06/01/24 20:14     | DJS     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199                                | WG2291911 | 1        | 05/29/24 07:55        | 05/30/24 00:39     | VSS     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D                               | WG2296542 | 1        | 05/31/24 21:32        | 05/31/24 22:10     | KRB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod                            | WG2296552 | 1        | 05/31/24 23:42        | 06/01/24 00:30     | KRB     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2                     | WG2293911 | 1        | 05/31/24 10:13        | 06/01/24 21:33     | DJS     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020                               | WG2292568 | 5        | 05/30/24 22:50        | 06/06/24 21:59     | LD      | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO         | WG2295209 | 1        | 05/25/24 10:37        | 05/30/24 04:08     | WHS     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B          | WG2293637 | 1        | 05/25/24 10:37        | 05/27/24 06:40     | JBE     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015M        | WG2294869 | 500      | 05/31/24 21:19        | 06/01/24 12:25     | KKS     | Mt. Juliet, TN |
| Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM | WG2295611 | 1        | 05/30/24 18:06        | 05/31/24 09:12     | JCH     | Mt. Juliet, TN |



## B-SEP-B01@3" L1739188-09 Solid

Collected by  
LB/AK      Collected date/time  
05/20/24 10:16      Received date/time  
05/22/24 09:00

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results  | WG2293909 | 1        | 06/01/24 20:17        | 06/01/24 20:17     | DJS     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199                                | WG2291911 | 1        | 05/29/24 07:55        | 05/30/24 01:03     | VSS     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D                               | WG2296542 | 1        | 05/31/24 21:32        | 05/31/24 22:10     | KRB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod                            | WG2296552 | 1        | 05/31/24 23:42        | 06/01/24 00:30     | KRB     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2                     | WG2293911 | 1        | 05/31/24 10:13        | 06/01/24 21:36     | DJS     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020                               | WG2292568 | 5        | 05/30/24 22:50        | 06/06/24 22:02     | LD      | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO         | WG2293482 | 1        | 05/25/24 10:37        | 05/26/24 06:08     | CDD     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B          | WG2293637 | 1        | 05/25/24 10:37        | 05/27/24 07:00     | JBE     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015M        | WG2294869 | 1        | 05/31/24 21:19        | 06/01/24 10:58     | KKS     | Mt. Juliet, TN |
| Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM | WG2295611 | 1        | 05/30/24 18:06        | 05/31/24 04:13     | JCH     | Mt. Juliet, TN |

## B-SEP-B02@3" L1739188-10 Solid

Collected by  
LB/AK      Collected date/time  
05/20/24 10:18      Received date/time  
05/22/24 09:00

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results  | WG2293909 | 1        | 06/01/24 20:25        | 06/01/24 20:25     | DJS     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199                                | WG2291911 | 1        | 05/29/24 07:55        | 05/30/24 01:11     | VSS     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D                               | WG2296542 | 1        | 05/31/24 21:32        | 05/31/24 22:10     | KRB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod                            | WG2296552 | 1        | 05/31/24 23:42        | 06/01/24 00:30     | KRB     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2                     | WG2293911 | 1        | 05/31/24 10:13        | 06/01/24 21:39     | DJS     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020                               | WG2292575 | 5        | 05/29/24 17:18        | 06/06/24 00:58     | JPD     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020                               | WG2300155 | 5        | 06/11/24 12:30        | 06/12/24 03:02     | SJM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO         | WG2293482 | 1        | 05/25/24 10:37        | 05/26/24 06:30     | CDD     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B          | WG2293637 | 1        | 05/25/24 10:37        | 05/27/24 07:19     | JBE     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015M        | WG2294869 | 2        | 05/31/24 21:19        | 06/01/24 13:37     | KKS     | Mt. Juliet, TN |
| Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM | WG2296038 | 1        | 05/31/24 09:39        | 06/01/24 12:52     | DSH     | Mt. Juliet, TN |

## SGS-B01@3" L1739188-11 Solid

Collected by  
LB/AK      Collected date/time  
05/20/24 11:44      Received date/time  
05/22/24 09:00

| Method                                  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results                      | WG2293914 | 1        | 05/30/24 22:37        | 05/30/24 22:37     | JTM     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199            | WG2291911 | 1        | 05/29/24 07:55        | 05/30/24 01:27     | VSS     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D           | WG2295736 | 1        | 05/30/24 16:34        | 05/30/24 20:10     | KRB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod        | WG2295750 | 1        | 05/30/24 16:33        | 05/30/24 16:50     | KRB     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2 | WG2293915 | 1        | 05/30/24 12:14        | 05/31/24 09:24     | JTM     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020           | WG2292575 | 5        | 05/29/24 17:18        | 06/06/24 01:02     | JPD     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020           | WG2300155 | 5        | 06/11/24 12:30        | 06/12/24 03:05     | SJM     | Mt. Juliet, TN |

# SAMPLE SUMMARY

## SGS-B01@3" L1739188-11 Solid

Collected by LB/AK      Collected date/time 05/20/24 11:44      Received date/time 05/22/24 09:00

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Volatile Organic Compounds (GC) by Method 8015D/GRO         | WG2293482 | 1        | 05/25/24 10:37        | 05/26/24 06:51     | CDD     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B          | WG2293637 | 1        | 05/25/24 10:37        | 05/27/24 07:38     | JBE     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015M        | WG2294869 | 1        | 05/31/24 21:19        | 06/01/24 11:10     | KKS     | Mt. Juliet, TN |
| Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM | WG2296038 | 1        | 05/31/24 09:39        | 06/01/24 13:51     | DSH     | Mt. Juliet, TN |

## BG01@3" L1739188-12 Solid

Collected by LB/AK      Collected date/time 05/20/24 13:20      Received date/time 05/22/24 09:00

| Method                                  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results                      | WG2293909 | 1        | 06/01/24 20:28        | 06/01/24 20:28     | DJS     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199            | WG2291911 | 1        | 05/29/24 07:55        | 05/30/24 01:35     | VSS     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D           | WG2296544 | 1        | 05/31/24 21:33        | 05/31/24 22:45     | KRB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod        | WG2296554 | 1        | 05/31/24 23:44        | 06/01/24 00:10     | KRB     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2 | WG2293911 | 1        | 05/31/24 10:13        | 06/01/24 21:42     | DJS     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020           | WG2292568 | 5        | 05/30/24 22:50        | 06/06/24 20:15     | LD      | Mt. Juliet, TN |

## BG02@3" L1739188-13 Solid

Collected by LB/AK      Collected date/time 05/20/24 13:25      Received date/time 05/22/24 09:00

| Method                                  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results                      | WG2293909 | 1        | 06/01/24 20:31        | 06/01/24 20:31     | DJS     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199            | WG2291911 | 1        | 05/29/24 07:55        | 05/30/24 01:43     | VSS     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D           | WG2296544 | 1        | 05/31/24 21:33        | 05/31/24 22:45     | KRB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod        | WG2296554 | 1        | 05/31/24 23:44        | 06/01/24 00:10     | KRB     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2 | WG2293911 | 1        | 05/31/24 10:13        | 06/01/24 21:45     | DJS     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020           | WG2292575 | 5        | 05/29/24 17:18        | 06/06/24 01:11     | JPD     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020           | WG2300155 | 5        | 06/11/24 12:30        | 06/12/24 03:15     | SJM     | Mt. Juliet, TN |

## BG03@3" L1739188-14 Solid

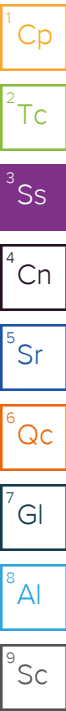
Collected by LB/AK      Collected date/time 05/20/24 13:30      Received date/time 05/22/24 09:00

| Method                                  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results                      | WG2293909 | 1        | 06/01/24 20:34        | 06/01/24 20:34     | DJS     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199            | WG2291911 | 1        | 05/29/24 07:55        | 05/30/24 01:59     | VSS     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D           | WG2296544 | 1        | 05/31/24 21:33        | 05/31/24 22:45     | KRB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod        | WG2296554 | 1        | 05/31/24 23:44        | 06/01/24 00:10     | KRB     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2 | WG2293911 | 1        | 05/31/24 10:13        | 06/01/24 21:47     | DJS     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020           | WG2292575 | 5        | 05/29/24 17:18        | 06/06/24 01:15     | JPD     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020           | WG2300155 | 5        | 06/11/24 12:30        | 06/12/24 03:18     | SJM     | Mt. Juliet, TN |

## BG04@3" L1739188-15 Solid

Collected by LB/AK      Collected date/time 05/20/24 13:35      Received date/time 05/22/24 09:00

| Method                                  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results                      | WG2293909 | 1        | 06/01/24 20:36        | 06/01/24 20:36     | DJS     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199            | WG2291911 | 1        | 05/29/24 07:55        | 05/30/24 02:07     | VSS     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D           | WG2296544 | 1        | 05/31/24 21:33        | 05/31/24 22:45     | KRB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod        | WG2296554 | 1        | 05/31/24 23:44        | 06/01/24 00:10     | KRB     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2 | WG2293911 | 1        | 05/31/24 10:13        | 06/01/24 21:50     | DJS     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020           | WG2292575 | 5        | 05/29/24 17:18        | 06/06/24 01:18     | JPD     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020           | WG2300155 | 5        | 06/11/24 12:30        | 06/12/24 03:22     | SJM     | Mt. Juliet, TN |



# SAMPLE SUMMARY

BG05@3" L1739188-16 Solid

Collected by: LB/AK  
 Collected date/time: 05/20/24 13:40  
 Received date/time: 05/22/24 09:00

| Method                                  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results                      | WG2293909 | 1        | 06/01/24 20:39        | 06/01/24 20:39     | DJS     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199            | WG2291911 | 1        | 05/29/24 07:55        | 05/30/24 02:15     | VSS     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D           | WG2296544 | 1        | 05/31/24 21:33        | 05/31/24 22:45     | KRB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod        | WG2296554 | 1        | 05/31/24 23:44        | 06/01/24 00:10     | KRB     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2 | WG2293911 | 1        | 05/31/24 10:13        | 06/01/24 21:53     | DJS     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020           | WG2292575 | 5        | 05/29/24 17:18        | 06/06/24 01:21     | JPD     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020           | WG2300155 | 5        | 06/11/24 12:30        | 06/12/24 03:25     | SJM     | Mt. Juliet, TN |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 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

<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

Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 4.26   |           | 1        | 06/01/2024 19:54     | WG2293909 |

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Hexavalent Chromium | U            |           | 0.255     | 1.00      | 1        | 05/29/2024 23:43     | <a href="#">WG2291911</a> |

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch                     |
|---------|-----------|-----------|----------|----------------------|---------------------------|
| pH      | 8.91      | <u>T8</u> | 1        | 05/31/2024 22:10     | <a href="#">WG2296542</a> |

Sample Narrative:

L1739188-01 WG2296542: 8.91 at 22.3C

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch                     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|---------------------------|
| Specific Conductance | 262             |           | 10.0         | 1        | 06/01/2024 00:30     | <a href="#">WG2296552</a> |

Sample Narrative:

L1739188-01 WG2296552: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

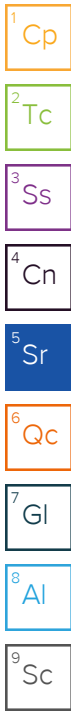
| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch                     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|---------------------------|
| Hot Water Sol. Boron | 0.114       | <u>J</u>  | 0.0167   | 0.200    | 1        | 06/01/2024 21:08     | <a href="#">WG2293911</a> |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Arsenic  | 2.02         |           | 0.100     | 1.00      | 5        | 06/06/2024 21:13     | <a href="#">WG2292568</a> |
| Barium   | 189          |           | 0.152     | 2.50      | 5        | 06/06/2024 21:13     | <a href="#">WG2292568</a> |
| Cadmium  | U            |           | 0.0855    | 1.00      | 5        | 06/06/2024 21:13     | <a href="#">WG2292568</a> |
| Copper   | 29.8         |           | 0.132     | 5.00      | 5        | 06/06/2024 21:13     | <a href="#">WG2292568</a> |
| Lead     | 4.38         |           | 0.0990    | 2.00      | 5        | 06/06/2024 21:13     | <a href="#">WG2292568</a> |
| Nickel   | 11.8         |           | 0.197     | 2.50      | 5        | 06/06/2024 21:13     | <a href="#">WG2292568</a> |
| Selenium | 0.962        | <u>J</u>  | 0.180     | 2.50      | 5        | 06/06/2024 21:13     | <a href="#">WG2292568</a> |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/06/2024 21:13     | <a href="#">WG2292568</a> |
| Zinc     | 83.8         |           | 0.740     | 25.0      | 5        | 06/06/2024 21:13     | <a href="#">WG2292568</a> |

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                            | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|------------------------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction          | 0.0242       | <u>J</u>  | 0.0217    | 0.100     | 1        | 05/26/2024 04:42     | <a href="#">WG2293482</a> |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 98.4         |           |           | 77.0-120  |          | 05/26/2024 04:42     | <a href="#">WG2293482</a> |



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

| Analyte                   | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | U               |           | 0.000467     | 0.00100      | 1        | 05/27/2024 05:24        | <a href="#">WG2293637</a> |
| Toluene                   | U               |           | 0.00130      | 0.00500      | 1        | 05/27/2024 05:24        | <a href="#">WG2293637</a> |
| Ethylbenzene              | U               |           | 0.000737     | 0.00250      | 1        | 05/27/2024 05:24        | <a href="#">WG2293637</a> |
| Xylenes, Total            | U               |           | 0.000880     | 0.00650      | 1        | 05/27/2024 05:24        | <a href="#">WG2293637</a> |
| 1,2,4-Trimethylbenzene    | U               |           | 0.00158      | 0.00500      | 1        | 05/27/2024 05:24        | <a href="#">WG2293637</a> |
| 1,3,5-Trimethylbenzene    | U               |           | 0.00200      | 0.00500      | 1        | 05/27/2024 05:24        | <a href="#">WG2293637</a> |
| (S) Toluene-d8            | 101             |           |              | 75.0-131     |          | 05/27/2024 05:24        | <a href="#">WG2293637</a> |
| (S) 4-Bromofluorobenzene  | 109             |           |              | 67.0-138     |          | 05/27/2024 05:24        | <a href="#">WG2293637</a> |
| (S) 1,2-Dichloroethane-d4 | 94.2            |           |              | 70.0-130     |          | 05/27/2024 05:24        | <a href="#">WG2293637</a> |

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

Semi-Volatile Organic Compounds (GC) by Method 8015M

| Analyte                 | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| C10-C28 Diesel Range    | 23.7            |           | 1.61         | 4.00         | 1        | 06/01/2024 11:10        | <a href="#">WG2294869</a> |
| C28-C36 Motor Oil Range | 48.6            |           | 0.274        | 4.00         | 1        | 06/01/2024 11:10        | <a href="#">WG2294869</a> |
| (S) o-Terphenyl         | 56.2            |           |              | 18.0-148     |          | 06/01/2024 11:10        | <a href="#">WG2294869</a> |

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

| Analyte                | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Acenaphthene           | U               |           | 0.00209      | 0.00600      | 1        | 05/31/2024 04:48        | <a href="#">WG2295611</a> |
| Anthracene             | U               |           | 0.00230      | 0.00600      | 1        | 05/31/2024 04:48        | <a href="#">WG2295611</a> |
| Benzo(a)anthracene     | U               |           | 0.00173      | 0.00600      | 1        | 05/31/2024 04:48        | <a href="#">WG2295611</a> |
| Benzo(b)fluoranthene   | U               |           | 0.00153      | 0.00600      | 1        | 05/31/2024 04:48        | <a href="#">WG2295611</a> |
| Benzo(k)fluoranthene   | U               |           | 0.00215      | 0.00600      | 1        | 05/31/2024 04:48        | <a href="#">WG2295611</a> |
| Benzo(a)pyrene         | U               |           | 0.00179      | 0.00600      | 1        | 05/31/2024 04:48        | <a href="#">WG2295611</a> |
| Chrysene               | U               |           | 0.00232      | 0.00600      | 1        | 05/31/2024 04:48        | <a href="#">WG2295611</a> |
| Dibenz(a,h)anthracene  | U               |           | 0.00172      | 0.00600      | 1        | 05/31/2024 04:48        | <a href="#">WG2295611</a> |
| Fluoranthene           | U               |           | 0.00227      | 0.00600      | 1        | 05/31/2024 04:48        | <a href="#">WG2295611</a> |
| Fluorene               | U               |           | 0.00205      | 0.00600      | 1        | 05/31/2024 04:48        | <a href="#">WG2295611</a> |
| Indeno(1,2,3-cd)pyrene | U               |           | 0.00181      | 0.00600      | 1        | 05/31/2024 04:48        | <a href="#">WG2295611</a> |
| 1-Methylnaphthalene    | U               |           | 0.00449      | 0.0200       | 1        | 05/31/2024 04:48        | <a href="#">WG2295611</a> |
| 2-Methylnaphthalene    | U               |           | 0.00427      | 0.0200       | 1        | 05/31/2024 04:48        | <a href="#">WG2295611</a> |
| Naphthalene            | U               |           | 0.00408      | 0.0200       | 1        | 05/31/2024 04:48        | <a href="#">WG2295611</a> |
| Pyrene                 | U               |           | 0.00200      | 0.00600      | 1        | 05/31/2024 04:48        | <a href="#">WG2295611</a> |
| (S) p-Terphenyl-d14    | 79.8            |           |              | 23.0-120     |          | 05/31/2024 04:48        | <a href="#">WG2295611</a> |
| (S) Nitrobenzene-d5    | 74.1            |           |              | 14.0-149     |          | 05/31/2024 04:48        | <a href="#">WG2295611</a> |
| (S) 2-Fluorobiphenyl   | 78.3            |           |              | 34.0-125     |          | 05/31/2024 04:48        | <a href="#">WG2295611</a> |

Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 5.07   |           | 1        | 06/01/2024 19:57     | WG2293909 |

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Hexavalent Chromium | U            |           | 0.255     | 1.00      | 1        | 05/29/2024 23:51     | <a href="#">WG2291911</a> |

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch                     |
|---------|-----------|-----------|----------|----------------------|---------------------------|
| pH      | 7.50      | <u>T8</u> | 1        | 05/31/2024 22:10     | <a href="#">WG2296542</a> |

Sample Narrative:

L1739188-02 WG2296542: 7.5 at 22.4C

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch                     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|---------------------------|
| Specific Conductance | 3150            |           | 10.0         | 1        | 06/01/2024 00:30     | <a href="#">WG2296552</a> |

Sample Narrative:

L1739188-02 WG2296552: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

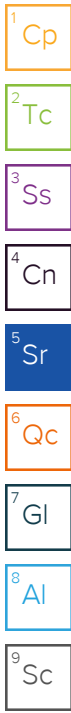
| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch                     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|---------------------------|
| Hot Water Sol. Boron | 1.66        |           | 0.0167   | 0.200    | 1        | 06/01/2024 21:11     | <a href="#">WG2293911</a> |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Arsenic  | 1.97         |           | 0.100     | 1.00      | 5        | 06/06/2024 21:16     | <a href="#">WG2292568</a> |
| Barium   | 434          |           | 0.152     | 2.50      | 5        | 06/06/2024 21:16     | <a href="#">WG2292568</a> |
| Cadmium  | 0.130        | <u>J</u>  | 0.0855    | 1.00      | 5        | 06/06/2024 21:16     | <a href="#">WG2292568</a> |
| Copper   | 30.4         |           | 0.132     | 5.00      | 5        | 06/06/2024 21:16     | <a href="#">WG2292568</a> |
| Lead     | 4.59         |           | 0.0990    | 2.00      | 5        | 06/06/2024 21:16     | <a href="#">WG2292568</a> |
| Nickel   | 13.4         |           | 0.197     | 2.50      | 5        | 06/06/2024 21:16     | <a href="#">WG2292568</a> |
| Selenium | 1.08         | <u>J</u>  | 0.180     | 2.50      | 5        | 06/06/2024 21:16     | <a href="#">WG2292568</a> |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/06/2024 21:16     | <a href="#">WG2292568</a> |
| Zinc     | 104          |           | 0.740     | 25.0      | 5        | 06/06/2024 21:16     | <a href="#">WG2292568</a> |

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | 0.170        |           | 0.0217    | 0.100     | 1        | 05/30/2024 03:10     | <a href="#">WG2295209</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 89.5         |           |           | 77.0-120  |          | 05/30/2024 03:10     | <a href="#">WG2295209</a> |



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

| Analyte                   | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | U               |           | 0.00374      | 0.00800      | 8        | 05/27/2024 10:23        | <a href="#">WG2293637</a> |
| Toluene                   | U               |           | 0.0104       | 0.0400       | 8        | 05/27/2024 10:23        | <a href="#">WG2293637</a> |
| Ethylbenzene              | U               |           | 0.00590      | 0.0200       | 8        | 05/27/2024 10:23        | <a href="#">WG2293637</a> |
| Xylenes, Total            | U               |           | 0.00704      | 0.0520       | 8        | 05/27/2024 10:23        | <a href="#">WG2293637</a> |
| 1,2,4-Trimethylbenzene    | 0.0140          | <u>J</u>  | 0.0126       | 0.0400       | 8        | 05/27/2024 10:23        | <a href="#">WG2293637</a> |
| 1,3,5-Trimethylbenzene    | U               |           | 0.0160       | 0.0400       | 8        | 05/27/2024 10:23        | <a href="#">WG2293637</a> |
| (S) Toluene-d8            | 99.5            |           |              | 75.0-131     |          | 05/27/2024 10:23        | <a href="#">WG2293637</a> |
| (S) 4-Bromofluorobenzene  | 106             |           |              | 67.0-138     |          | 05/27/2024 10:23        | <a href="#">WG2293637</a> |
| (S) 1,2-Dichloroethane-d4 | 95.4            |           |              | 70.0-130     |          | 05/27/2024 10:23        | <a href="#">WG2293637</a> |

Sample Narrative:

L1739188-02 WG2293637: Lowest possible dilution due to sample foaming.

Semi-Volatile Organic Compounds (GC) by Method 8015M

| Analyte                 | Result<br>mg/kg | Qualifier   | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-------------------------|-----------------|-------------|--------------|--------------|----------|-------------------------|---------------------------|
| C10-C28 Diesel Range    | 13200           | <u>J3 V</u> | 805          | 2000         | 500      | 06/01/2024 12:00        | <a href="#">WG2294869</a> |
| C28-C36 Motor Oil Range | 13500           |             | 137          | 2000         | 500      | 06/01/2024 12:00        | <a href="#">WG2294869</a> |
| (S) o-Terphenyl         | 0.000           | <u>J7</u>   |              | 18.0-148     |          | 06/01/2024 12:00        | <a href="#">WG2294869</a> |

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

| Analyte                | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Acenaphthene           | U               |           | 0.00209      | 0.00600      | 1        | 05/31/2024 08:19        | <a href="#">WG2295611</a> |
| Anthracene             | U               |           | 0.00230      | 0.00600      | 1        | 05/31/2024 08:19        | <a href="#">WG2295611</a> |
| Benzo(a)anthracene     | U               |           | 0.00173      | 0.00600      | 1        | 05/31/2024 08:19        | <a href="#">WG2295611</a> |
| Benzo(b)fluoranthene   | 0.0745          |           | 0.00153      | 0.00600      | 1        | 05/31/2024 08:19        | <a href="#">WG2295611</a> |
| Benzo(k)fluoranthene   | U               |           | 0.00215      | 0.00600      | 1        | 05/31/2024 08:19        | <a href="#">WG2295611</a> |
| Benzo(a)pyrene         | 0.0282          |           | 0.00179      | 0.00600      | 1        | 05/31/2024 08:19        | <a href="#">WG2295611</a> |
| Chrysene               | U               |           | 0.00232      | 0.00600      | 1        | 05/31/2024 08:19        | <a href="#">WG2295611</a> |
| Dibenz(a,h)anthracene  | 0.0244          |           | 0.00172      | 0.00600      | 1        | 05/31/2024 08:19        | <a href="#">WG2295611</a> |
| Fluoranthene           | U               |           | 0.00227      | 0.00600      | 1        | 05/31/2024 08:19        | <a href="#">WG2295611</a> |
| Fluorene               | 0.479           |           | 0.00205      | 0.00600      | 1        | 05/31/2024 08:19        | <a href="#">WG2295611</a> |
| Indeno(1,2,3-cd)pyrene | U               |           | 0.00181      | 0.00600      | 1        | 05/31/2024 08:19        | <a href="#">WG2295611</a> |
| 1-Methylnaphthalene    | 0.682           |           | 0.00449      | 0.0200       | 1        | 05/31/2024 08:19        | <a href="#">WG2295611</a> |
| 2-Methylnaphthalene    | 0.495           |           | 0.00427      | 0.0200       | 1        | 05/31/2024 08:19        | <a href="#">WG2295611</a> |
| Naphthalene            | 0.0447          |           | 0.00408      | 0.0200       | 1        | 05/31/2024 08:19        | <a href="#">WG2295611</a> |
| Pyrene                 | 0.333           |           | 0.00200      | 0.00600      | 1        | 05/31/2024 08:19        | <a href="#">WG2295611</a> |
| (S) p-Terphenyl-d14    | 85.3            |           |              | 23.0-120     |          | 05/31/2024 08:19        | <a href="#">WG2295611</a> |
| (S) Nitrobenzene-d5    | 64.5            |           |              | 14.0-149     |          | 05/31/2024 08:19        | <a href="#">WG2295611</a> |
| (S) 2-Fluorobiphenyl   | 51.6            |           |              | 34.0-125     |          | 05/31/2024 08:19        | <a href="#">WG2295611</a> |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 8.16   |           | 1        | 06/01/2024 19:59     | WG2293909 |

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Hexavalent Chromium | U            |           | 0.255     | 1.00      | 1        | 05/29/2024 23:59     | <a href="#">WG2291911</a> |

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch                     |
|---------|-----------|-----------|----------|----------------------|---------------------------|
| pH      | 9.02      | <u>T8</u> | 1        | 05/31/2024 22:10     | <a href="#">WG2296542</a> |

Sample Narrative:

L1739188-03 WG2296542: 9.02 at 22.3C

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch                     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|---------------------------|
| Specific Conductance | 488             |           | 10.0         | 1        | 06/01/2024 00:30     | <a href="#">WG2296552</a> |

Sample Narrative:

L1739188-03 WG2296552: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

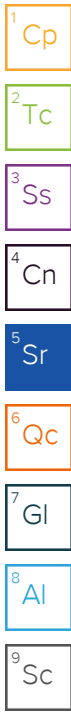
| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch                     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|---------------------------|
| Hot Water Sol. Boron | 0.0741      | <u>J</u>  | 0.0167   | 0.200    | 1        | 06/01/2024 21:13     | <a href="#">WG2293911</a> |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Arsenic  | 2.04         |           | 0.100     | 1.00      | 5        | 06/06/2024 21:42     | <a href="#">WG2292568</a> |
| Barium   | 208          |           | 0.152     | 2.50      | 5        | 06/06/2024 21:42     | <a href="#">WG2292568</a> |
| Cadmium  | 0.206        | <u>J</u>  | 0.0855    | 1.00      | 5        | 06/06/2024 21:42     | <a href="#">WG2292568</a> |
| Copper   | 29.5         |           | 0.132     | 5.00      | 5        | 06/06/2024 21:42     | <a href="#">WG2292568</a> |
| Lead     | 4.13         |           | 0.0990    | 2.00      | 5        | 06/06/2024 21:42     | <a href="#">WG2292568</a> |
| Nickel   | 18.6         |           | 0.197     | 2.50      | 5        | 06/06/2024 21:42     | <a href="#">WG2292568</a> |
| Selenium | 0.918        | <u>J</u>  | 0.180     | 2.50      | 5        | 06/06/2024 21:42     | <a href="#">WG2292568</a> |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/06/2024 21:42     | <a href="#">WG2292568</a> |
| Zinc     | 85.5         |           | 0.740     | 25.0      | 5        | 06/06/2024 21:42     | <a href="#">WG2292568</a> |

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                            | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|------------------------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction          | 0.0289       | <u>J</u>  | 0.0217    | 0.100     | 1        | 05/26/2024 05:04     | <a href="#">WG2293482</a> |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 98.3         |           |           | 77.0-120  |          | 05/26/2024 05:04     | <a href="#">WG2293482</a> |



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

| Analyte                   | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | U               |           | 0.000467     | 0.00100      | 1        | 05/27/2024 05:43        | <a href="#">WG2293637</a> |
| Toluene                   | U               |           | 0.00130      | 0.00500      | 1        | 05/27/2024 05:43        | <a href="#">WG2293637</a> |
| Ethylbenzene              | U               |           | 0.000737     | 0.00250      | 1        | 05/27/2024 05:43        | <a href="#">WG2293637</a> |
| Xylenes, Total            | U               |           | 0.000880     | 0.00650      | 1        | 05/27/2024 05:43        | <a href="#">WG2293637</a> |
| 1,2,4-Trimethylbenzene    | U               |           | 0.00158      | 0.00500      | 1        | 05/27/2024 05:43        | <a href="#">WG2293637</a> |
| 1,3,5-Trimethylbenzene    | U               |           | 0.00200      | 0.00500      | 1        | 05/27/2024 05:43        | <a href="#">WG2293637</a> |
| (S) Toluene-d8            | 101             |           |              | 75.0-131     |          | 05/27/2024 05:43        | <a href="#">WG2293637</a> |
| (S) 4-Bromofluorobenzene  | 106             |           |              | 67.0-138     |          | 05/27/2024 05:43        | <a href="#">WG2293637</a> |
| (S) 1,2-Dichloroethane-d4 | 97.4            |           |              | 70.0-130     |          | 05/27/2024 05:43        | <a href="#">WG2293637</a> |

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

Semi-Volatile Organic Compounds (GC) by Method 8015M

| Analyte                 | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| C10-C28 Diesel Range    | 31.5            |           | 1.61         | 4.00         | 1        | 06/01/2024 10:58        | <a href="#">WG2294869</a> |
| C28-C36 Motor Oil Range | 49.8            |           | 0.274        | 4.00         | 1        | 06/01/2024 10:58        | <a href="#">WG2294869</a> |
| (S) o-Terphenyl         | 47.8            |           |              | 18.0-148     |          | 06/01/2024 10:58        | <a href="#">WG2294869</a> |

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

| Analyte                | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Acenaphthene           | U               |           | 0.00209      | 0.00600      | 1        | 05/31/2024 05:05        | <a href="#">WG2295611</a> |
| Anthracene             | U               |           | 0.00230      | 0.00600      | 1        | 05/31/2024 05:05        | <a href="#">WG2295611</a> |
| Benzo(a)anthracene     | U               |           | 0.00173      | 0.00600      | 1        | 05/31/2024 05:05        | <a href="#">WG2295611</a> |
| Benzo(b)fluoranthene   | U               |           | 0.00153      | 0.00600      | 1        | 05/31/2024 05:05        | <a href="#">WG2295611</a> |
| Benzo(k)fluoranthene   | U               |           | 0.00215      | 0.00600      | 1        | 05/31/2024 05:05        | <a href="#">WG2295611</a> |
| Benzo(a)pyrene         | U               |           | 0.00179      | 0.00600      | 1        | 05/31/2024 05:05        | <a href="#">WG2295611</a> |
| Chrysene               | U               |           | 0.00232      | 0.00600      | 1        | 05/31/2024 05:05        | <a href="#">WG2295611</a> |
| Dibenz(a,h)anthracene  | U               |           | 0.00172      | 0.00600      | 1        | 05/31/2024 05:05        | <a href="#">WG2295611</a> |
| Fluoranthene           | U               |           | 0.00227      | 0.00600      | 1        | 05/31/2024 05:05        | <a href="#">WG2295611</a> |
| Fluorene               | U               |           | 0.00205      | 0.00600      | 1        | 05/31/2024 05:05        | <a href="#">WG2295611</a> |
| Indeno(1,2,3-cd)pyrene | U               |           | 0.00181      | 0.00600      | 1        | 05/31/2024 05:05        | <a href="#">WG2295611</a> |
| 1-Methylnaphthalene    | U               |           | 0.00449      | 0.0200       | 1        | 05/31/2024 05:05        | <a href="#">WG2295611</a> |
| 2-Methylnaphthalene    | U               |           | 0.00427      | 0.0200       | 1        | 05/31/2024 05:05        | <a href="#">WG2295611</a> |
| Naphthalene            | U               |           | 0.00408      | 0.0200       | 1        | 05/31/2024 05:05        | <a href="#">WG2295611</a> |
| Pyrene                 | U               |           | 0.00200      | 0.00600      | 1        | 05/31/2024 05:05        | <a href="#">WG2295611</a> |
| (S) p-Terphenyl-d14    | 80.2            |           |              | 23.0-120     |          | 05/31/2024 05:05        | <a href="#">WG2295611</a> |
| (S) Nitrobenzene-d5    | 77.4            |           |              | 14.0-149     |          | 05/31/2024 05:05        | <a href="#">WG2295611</a> |
| (S) 2-Fluorobiphenyl   | 79.8            |           |              | 34.0-125     |          | 05/31/2024 05:05        | <a href="#">WG2295611</a> |

Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 1.13   |           | 1        | 06/01/2024 20:02     | WG2293909 |

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Hexavalent Chromium | U            |           | 0.255     | 1.00      | 1        | 05/30/2024 00:07     | <a href="#">WG2291911</a> |

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch                     |
|---------|-----------|-----------|----------|----------------------|---------------------------|
| pH      | 7.72      | <u>T8</u> | 1        | 05/31/2024 22:10     | <a href="#">WG2296542</a> |

Sample Narrative:

L1739188-04 WG2296542: 7.72 at 22.5C

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch                     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|---------------------------|
| Specific Conductance | 472             |           | 10.0         | 1        | 06/01/2024 00:30     | <a href="#">WG2296552</a> |

Sample Narrative:

L1739188-04 WG2296552: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

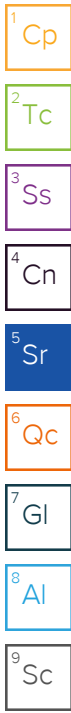
| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch                     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|---------------------------|
| Hot Water Sol. Boron | 0.324       |           | 0.0167   | 0.200    | 1        | 06/01/2024 21:16     | <a href="#">WG2293911</a> |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Arsenic  | 1.98         |           | 0.100     | 1.00      | 5        | 06/06/2024 21:45     | <a href="#">WG2292568</a> |
| Barium   | 178          |           | 0.152     | 2.50      | 5        | 06/06/2024 21:45     | <a href="#">WG2292568</a> |
| Cadmium  | 0.0958       | <u>J</u>  | 0.0855    | 1.00      | 5        | 06/06/2024 21:45     | <a href="#">WG2292568</a> |
| Copper   | 28.8         |           | 0.132     | 5.00      | 5        | 06/06/2024 21:45     | <a href="#">WG2292568</a> |
| Lead     | 4.52         |           | 0.0990    | 2.00      | 5        | 06/06/2024 21:45     | <a href="#">WG2292568</a> |
| Nickel   | 10.6         |           | 0.197     | 2.50      | 5        | 06/06/2024 21:45     | <a href="#">WG2292568</a> |
| Selenium | 1.21         | <u>J</u>  | 0.180     | 2.50      | 5        | 06/06/2024 21:45     | <a href="#">WG2292568</a> |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/06/2024 21:45     | <a href="#">WG2292568</a> |
| Zinc     | 87.3         |           | 0.740     | 25.0      | 5        | 06/06/2024 21:45     | <a href="#">WG2292568</a> |

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | 0.149        |           | 0.0217    | 0.100     | 1        | 05/30/2024 03:30     | <a href="#">WG2295209</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 89.3         |           |           | 77.0-120  |          | 05/30/2024 03:30     | <a href="#">WG2295209</a> |



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

| Analyte                   | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | 0.0160          | <u>L</u>  | 0.00934      | 0.0200       | 20       | 05/27/2024 10:42        | <a href="#">WG2293637</a> |
| Toluene                   | 0.0540          | <u>L</u>  | 0.0260       | 0.100        | 20       | 05/27/2024 10:42        | <a href="#">WG2293637</a> |
| Ethylbenzene              | U               |           | 0.0147       | 0.0500       | 20       | 05/27/2024 10:42        | <a href="#">WG2293637</a> |
| Xylenes, Total            | 0.106           | <u>L</u>  | 0.0176       | 0.130        | 20       | 05/27/2024 10:42        | <a href="#">WG2293637</a> |
| 1,2,4-Trimethylbenzene    | 0.0380          | <u>L</u>  | 0.0316       | 0.100        | 20       | 05/27/2024 10:42        | <a href="#">WG2293637</a> |
| 1,3,5-Trimethylbenzene    | U               |           | 0.0400       | 0.100        | 20       | 05/27/2024 10:42        | <a href="#">WG2293637</a> |
| (S) Toluene-d8            | 98.0            |           |              | 75.0-131     |          | 05/27/2024 10:42        | <a href="#">WG2293637</a> |
| (S) 4-Bromofluorobenzene  | 108             |           |              | 67.0-138     |          | 05/27/2024 10:42        | <a href="#">WG2293637</a> |
| (S) 1,2-Dichloroethane-d4 | 102             |           |              | 70.0-130     |          | 05/27/2024 10:42        | <a href="#">WG2293637</a> |

Sample Narrative:

L1739188-04 WG2293637: Lowest possible dilution due to sample foaming.

Semi-Volatile Organic Compounds (GC) by Method 8015M

| Analyte                 | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| C10-C28 Diesel Range    | 16200           |           | 805          | 2000         | 500      | 06/01/2024 12:12        | <a href="#">WG2294869</a> |
| C28-C36 Motor Oil Range | 16000           |           | 137          | 2000         | 500      | 06/01/2024 12:12        | <a href="#">WG2294869</a> |
| (S) o-Terphenyl         | 0.000           | <u>J</u>  |              | 18.0-148     |          | 06/01/2024 12:12        | <a href="#">WG2294869</a> |

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

| Analyte                | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Acenaphthene           | U               |           | 0.00209      | 0.00600      | 1        | 05/31/2024 09:29        | <a href="#">WG2295611</a> |
| Anthracene             | U               |           | 0.00230      | 0.00600      | 1        | 05/31/2024 09:29        | <a href="#">WG2295611</a> |
| Benzo(a)anthracene     | U               |           | 0.00173      | 0.00600      | 1        | 05/31/2024 09:29        | <a href="#">WG2295611</a> |
| Benzo(b)fluoranthene   | 0.143           |           | 0.00153      | 0.00600      | 1        | 05/31/2024 09:29        | <a href="#">WG2295611</a> |
| Benzo(k)fluoranthene   | U               |           | 0.00215      | 0.00600      | 1        | 05/31/2024 09:29        | <a href="#">WG2295611</a> |
| Benzo(a)pyrene         | 0.0583          |           | 0.00179      | 0.00600      | 1        | 05/31/2024 09:29        | <a href="#">WG2295611</a> |
| Chrysene               | U               |           | 0.00232      | 0.00600      | 1        | 05/31/2024 09:29        | <a href="#">WG2295611</a> |
| Dibenz(a,h)anthracene  | 0.0484          |           | 0.00172      | 0.00600      | 1        | 05/31/2024 09:29        | <a href="#">WG2295611</a> |
| Fluoranthene           | U               |           | 0.00227      | 0.00600      | 1        | 05/31/2024 09:29        | <a href="#">WG2295611</a> |
| Fluorene               | 0.798           |           | 0.00205      | 0.00600      | 1        | 05/31/2024 09:29        | <a href="#">WG2295611</a> |
| Indeno(1,2,3-cd)pyrene | U               |           | 0.00181      | 0.00600      | 1        | 05/31/2024 09:29        | <a href="#">WG2295611</a> |
| 1-Methylnaphthalene    | 1.78            |           | 0.00449      | 0.0200       | 1        | 05/31/2024 09:29        | <a href="#">WG2295611</a> |
| 2-Methylnaphthalene    | 0.647           |           | 0.00427      | 0.0200       | 1        | 05/31/2024 09:29        | <a href="#">WG2295611</a> |
| Naphthalene            | U               |           | 0.00408      | 0.0200       | 1        | 05/31/2024 09:29        | <a href="#">WG2295611</a> |
| Pyrene                 | 0.520           |           | 0.00200      | 0.00600      | 1        | 05/31/2024 09:29        | <a href="#">WG2295611</a> |
| (S) p-Terphenyl-d14    | 80.2            |           |              | 23.0-120     |          | 05/31/2024 09:29        | <a href="#">WG2295611</a> |
| (S) Nitrobenzene-d5    | 61.0            |           |              | 14.0-149     |          | 05/31/2024 09:29        | <a href="#">WG2295611</a> |
| (S) 2-Fluorobiphenyl   | 43.4            |           |              | 34.0-125     |          | 05/31/2024 09:29        | <a href="#">WG2295611</a> |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 3.53   |           | 1        | 06/01/2024 20:05     | WG2293909 |

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Hexavalent Chromium | U            |           | 0.255     | 1.00      | 1        | 05/30/2024 00:15     | <a href="#">WG2291911</a> |

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch                     |
|---------|-----------|-----------|----------|----------------------|---------------------------|
| pH      | 8.39      | <u>T8</u> | 1        | 05/31/2024 22:10     | <a href="#">WG2296542</a> |

Sample Narrative:

L1739188-05 WG2296542: 8.39 at 22.2C

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch                     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|---------------------------|
| Specific Conductance | 479             |           | 10.0         | 1        | 06/01/2024 00:30     | <a href="#">WG2296552</a> |

Sample Narrative:

L1739188-05 WG2296552: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

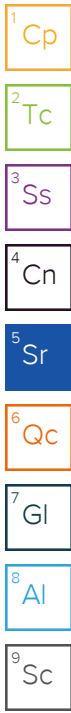
| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch                     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|---------------------------|
| Hot Water Sol. Boron | 0.0713      | <u>J</u>  | 0.0167   | 0.200    | 1        | 06/01/2024 21:19     | <a href="#">WG2293911</a> |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Arsenic  | 2.63         |           | 0.100     | 1.00      | 5        | 06/06/2024 21:49     | <a href="#">WG2292568</a> |
| Barium   | 300          |           | 0.152     | 2.50      | 5        | 06/06/2024 21:49     | <a href="#">WG2292568</a> |
| Cadmium  | U            |           | 0.0855    | 1.00      | 5        | 06/06/2024 21:49     | <a href="#">WG2292568</a> |
| Copper   | 26.7         |           | 0.132     | 5.00      | 5        | 06/06/2024 21:49     | <a href="#">WG2292568</a> |
| Lead     | 3.84         |           | 0.0990    | 2.00      | 5        | 06/06/2024 21:49     | <a href="#">WG2292568</a> |
| Nickel   | 9.82         |           | 0.197     | 2.50      | 5        | 06/06/2024 21:49     | <a href="#">WG2292568</a> |
| Selenium | 0.981        | <u>J</u>  | 0.180     | 2.50      | 5        | 06/06/2024 21:49     | <a href="#">WG2292568</a> |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/06/2024 21:49     | <a href="#">WG2292568</a> |
| Zinc     | 72.1         |           | 0.740     | 25.0      | 5        | 06/06/2024 21:49     | <a href="#">WG2292568</a> |

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                            | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|------------------------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction          | 0.0285       | <u>J</u>  | 0.0217    | 0.100     | 1        | 05/26/2024 05:25     | <a href="#">WG2293482</a> |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 98.4         |           |           | 77.0-120  |          | 05/26/2024 05:25     | <a href="#">WG2293482</a> |



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

| Analyte                   | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | U               |           | 0.000467     | 0.00100      | 1        | 05/27/2024 06:02        | <a href="#">WG2293637</a> |
| Toluene                   | U               |           | 0.00130      | 0.00500      | 1        | 05/27/2024 06:02        | <a href="#">WG2293637</a> |
| Ethylbenzene              | U               |           | 0.000737     | 0.00250      | 1        | 05/27/2024 06:02        | <a href="#">WG2293637</a> |
| Xylenes, Total            | U               |           | 0.000880     | 0.00650      | 1        | 05/27/2024 06:02        | <a href="#">WG2293637</a> |
| 1,2,4-Trimethylbenzene    | U               |           | 0.00158      | 0.00500      | 1        | 05/27/2024 06:02        | <a href="#">WG2293637</a> |
| 1,3,5-Trimethylbenzene    | U               |           | 0.00200      | 0.00500      | 1        | 05/27/2024 06:02        | <a href="#">WG2293637</a> |
| (S) Toluene-d8            | 100             |           |              | 75.0-131     |          | 05/27/2024 06:02        | <a href="#">WG2293637</a> |
| (S) 4-Bromofluorobenzene  | 107             |           |              | 67.0-138     |          | 05/27/2024 06:02        | <a href="#">WG2293637</a> |
| (S) 1,2-Dichloroethane-d4 | 97.1            |           |              | 70.0-130     |          | 05/27/2024 06:02        | <a href="#">WG2293637</a> |

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

Semi-Volatile Organic Compounds (GC) by Method 8015M

| Analyte                 | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| C10-C28 Diesel Range    | 79.5            |           | 1.61         | 4.00         | 1        | 06/01/2024 11:23        | <a href="#">WG2294869</a> |
| C28-C36 Motor Oil Range | 96.4            |           | 0.274        | 4.00         | 1        | 06/01/2024 11:23        | <a href="#">WG2294869</a> |
| (S) o-Terphenyl         | 52.8            |           |              | 18.0-148     |          | 06/01/2024 11:23        | <a href="#">WG2294869</a> |

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

| Analyte                | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Acenaphthene           | U               |           | 0.00209      | 0.00600      | 1        | 05/31/2024 05:23        | <a href="#">WG2295611</a> |
| Anthracene             | U               |           | 0.00230      | 0.00600      | 1        | 05/31/2024 05:23        | <a href="#">WG2295611</a> |
| Benzo(a)anthracene     | U               |           | 0.00173      | 0.00600      | 1        | 05/31/2024 05:23        | <a href="#">WG2295611</a> |
| Benzo(b)fluoranthene   | U               |           | 0.00153      | 0.00600      | 1        | 05/31/2024 05:23        | <a href="#">WG2295611</a> |
| Benzo(k)fluoranthene   | U               |           | 0.00215      | 0.00600      | 1        | 05/31/2024 05:23        | <a href="#">WG2295611</a> |
| Benzo(a)pyrene         | U               |           | 0.00179      | 0.00600      | 1        | 05/31/2024 05:23        | <a href="#">WG2295611</a> |
| Chrysene               | U               |           | 0.00232      | 0.00600      | 1        | 05/31/2024 05:23        | <a href="#">WG2295611</a> |
| Dibenz(a,h)anthracene  | U               |           | 0.00172      | 0.00600      | 1        | 05/31/2024 05:23        | <a href="#">WG2295611</a> |
| Fluoranthene           | U               |           | 0.00227      | 0.00600      | 1        | 05/31/2024 05:23        | <a href="#">WG2295611</a> |
| Fluorene               | U               |           | 0.00205      | 0.00600      | 1        | 05/31/2024 05:23        | <a href="#">WG2295611</a> |
| Indeno(1,2,3-cd)pyrene | U               |           | 0.00181      | 0.00600      | 1        | 05/31/2024 05:23        | <a href="#">WG2295611</a> |
| 1-Methylnaphthalene    | U               |           | 0.00449      | 0.0200       | 1        | 05/31/2024 05:23        | <a href="#">WG2295611</a> |
| 2-Methylnaphthalene    | U               |           | 0.00427      | 0.0200       | 1        | 05/31/2024 05:23        | <a href="#">WG2295611</a> |
| Naphthalene            | U               |           | 0.00408      | 0.0200       | 1        | 05/31/2024 05:23        | <a href="#">WG2295611</a> |
| Pyrene                 | U               |           | 0.00200      | 0.00600      | 1        | 05/31/2024 05:23        | <a href="#">WG2295611</a> |
| (S) p-Terphenyl-d14    | 72.3            |           |              | 23.0-120     |          | 05/31/2024 05:23        | <a href="#">WG2295611</a> |
| (S) Nitrobenzene-d5    | 71.5            |           |              | 14.0-149     |          | 05/31/2024 05:23        | <a href="#">WG2295611</a> |
| (S) 2-Fluorobiphenyl   | 74.7            |           |              | 34.0-125     |          | 05/31/2024 05:23        | <a href="#">WG2295611</a> |

Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 2.52   |           | 1        | 06/01/2024 20:08     | WG2293909 |

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Hexavalent Chromium | U            |           | 0.255     | 1.00      | 1        | 05/30/2024 00:23     | <a href="#">WG2291911</a> |

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch                     |
|---------|-----------|-----------|----------|----------------------|---------------------------|
| pH      | 7.39      | <u>T8</u> | 1        | 05/31/2024 22:10     | <a href="#">WG2296542</a> |

Sample Narrative:

L1739188-06 WG2296542: 7.39 at 22.2C

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch                     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|---------------------------|
| Specific Conductance | 4550            |           | 10.0         | 1        | 06/01/2024 00:30     | <a href="#">WG2296552</a> |

Sample Narrative:

L1739188-06 WG2296552: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

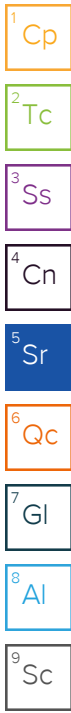
| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch                     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|---------------------------|
| Hot Water Sol. Boron | 0.165       | <u>J</u>  | 0.0167   | 0.200    | 1        | 06/01/2024 21:22     | <a href="#">WG2293911</a> |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Arsenic  | 2.19         |           | 0.100     | 1.00      | 5        | 06/06/2024 21:52     | <a href="#">WG2292568</a> |
| Barium   | 265          |           | 0.152     | 2.50      | 5        | 06/06/2024 21:52     | <a href="#">WG2292568</a> |
| Cadmium  | 0.132        | <u>J</u>  | 0.0855    | 1.00      | 5        | 06/06/2024 21:52     | <a href="#">WG2292568</a> |
| Copper   | 29.8         |           | 0.132     | 5.00      | 5        | 06/06/2024 21:52     | <a href="#">WG2292568</a> |
| Lead     | 4.11         |           | 0.0990    | 2.00      | 5        | 06/06/2024 21:52     | <a href="#">WG2292568</a> |
| Nickel   | 9.97         |           | 0.197     | 2.50      | 5        | 06/06/2024 21:52     | <a href="#">WG2292568</a> |
| Selenium | 1.03         | <u>J</u>  | 0.180     | 2.50      | 5        | 06/06/2024 21:52     | <a href="#">WG2292568</a> |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/06/2024 21:52     | <a href="#">WG2292568</a> |
| Zinc     | 79.4         |           | 0.740     | 25.0      | 5        | 06/06/2024 21:52     | <a href="#">WG2292568</a> |

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                            | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|------------------------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction          | 0.0617       | <u>J</u>  | 0.0217    | 0.100     | 1        | 05/30/2024 03:49     | <a href="#">WG2295209</a> |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 88.7         |           |           | 77.0-120  |          | 05/30/2024 03:49     | <a href="#">WG2295209</a> |



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

| Analyte                   | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | U               |           | 0.00374      | 0.00800      | 8        | 05/27/2024 11:01        | <a href="#">WG2293637</a> |
| Toluene                   | U               |           | 0.0104       | 0.0400       | 8        | 05/27/2024 11:01        | <a href="#">WG2293637</a> |
| Ethylbenzene              | U               |           | 0.00590      | 0.0200       | 8        | 05/27/2024 11:01        | <a href="#">WG2293637</a> |
| Xylenes, Total            | U               |           | 0.00704      | 0.0520       | 8        | 05/27/2024 11:01        | <a href="#">WG2293637</a> |
| 1,2,4-Trimethylbenzene    | U               |           | 0.0126       | 0.0400       | 8        | 05/27/2024 11:01        | <a href="#">WG2293637</a> |
| 1,3,5-Trimethylbenzene    | U               |           | 0.0160       | 0.0400       | 8        | 05/27/2024 11:01        | <a href="#">WG2293637</a> |
| (S) Toluene-d8            | 99.6            |           |              | 75.0-131     |          | 05/27/2024 11:01        | <a href="#">WG2293637</a> |
| (S) 4-Bromofluorobenzene  | 104             |           |              | 67.0-138     |          | 05/27/2024 11:01        | <a href="#">WG2293637</a> |
| (S) 1,2-Dichloroethane-d4 | 96.4            |           |              | 70.0-130     |          | 05/27/2024 11:01        | <a href="#">WG2293637</a> |

Sample Narrative:

L1739188-06 WG2293637: Lowest possible dilution due to sample foaming.

Semi-Volatile Organic Compounds (GC) by Method 8015M

| Analyte                 | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| C10-C28 Diesel Range    | 4530            |           | 161          | 400          | 100      | 06/01/2024 12:37        | <a href="#">WG2294869</a> |
| C28-C36 Motor Oil Range | 5870            |           | 27.4         | 400          | 100      | 06/01/2024 12:37        | <a href="#">WG2294869</a> |
| (S) o-Terphenyl         | 296             | J         |              | 18.0-148     |          | 06/01/2024 12:37        | <a href="#">WG2294869</a> |

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

| Analyte                | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Acenaphthene           | U               |           | 0.00209      | 0.00600      | 1        | 05/31/2024 08:36        | <a href="#">WG2295611</a> |
| Anthracene             | U               |           | 0.00230      | 0.00600      | 1        | 05/31/2024 08:36        | <a href="#">WG2295611</a> |
| Benzo(a)anthracene     | U               |           | 0.00173      | 0.00600      | 1        | 05/31/2024 08:36        | <a href="#">WG2295611</a> |
| Benzo(b)fluoranthene   | 0.0401          |           | 0.00153      | 0.00600      | 1        | 05/31/2024 08:36        | <a href="#">WG2295611</a> |
| Benzo(k)fluoranthene   | 0.00475         | J         | 0.00215      | 0.00600      | 1        | 05/31/2024 08:36        | <a href="#">WG2295611</a> |
| Benzo(a)pyrene         | 0.0141          |           | 0.00179      | 0.00600      | 1        | 05/31/2024 08:36        | <a href="#">WG2295611</a> |
| Chrysene               | U               |           | 0.00232      | 0.00600      | 1        | 05/31/2024 08:36        | <a href="#">WG2295611</a> |
| Dibenz(a,h)anthracene  | 0.0133          |           | 0.00172      | 0.00600      | 1        | 05/31/2024 08:36        | <a href="#">WG2295611</a> |
| Fluoranthene           | U               |           | 0.00227      | 0.00600      | 1        | 05/31/2024 08:36        | <a href="#">WG2295611</a> |
| Fluorene               | 0.0455          |           | 0.00205      | 0.00600      | 1        | 05/31/2024 08:36        | <a href="#">WG2295611</a> |
| Indeno(1,2,3-cd)pyrene | U               |           | 0.00181      | 0.00600      | 1        | 05/31/2024 08:36        | <a href="#">WG2295611</a> |
| 1-Methylnaphthalene    | 0.00992         | J         | 0.00449      | 0.0200       | 1        | 05/31/2024 08:36        | <a href="#">WG2295611</a> |
| 2-Methylnaphthalene    | 0.00581         | J         | 0.00427      | 0.0200       | 1        | 05/31/2024 08:36        | <a href="#">WG2295611</a> |
| Naphthalene            | U               |           | 0.00408      | 0.0200       | 1        | 05/31/2024 08:36        | <a href="#">WG2295611</a> |
| Pyrene                 | 0.120           |           | 0.00200      | 0.00600      | 1        | 05/31/2024 08:36        | <a href="#">WG2295611</a> |
| (S) p-Terphenyl-d14    | 82.9            |           |              | 23.0-120     |          | 05/31/2024 08:36        | <a href="#">WG2295611</a> |
| (S) Nitrobenzene-d5    | 73.4            |           |              | 14.0-149     |          | 05/31/2024 08:36        | <a href="#">WG2295611</a> |
| (S) 2-Fluorobiphenyl   | 79.4            |           |              | 34.0-125     |          | 05/31/2024 08:36        | <a href="#">WG2295611</a> |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 3.90   |           | 1        | 06/01/2024 20:11     | WG2293909 |

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Hexavalent Chromium | 0.496        | J         | 0.255     | 1.00      | 1        | 05/30/2024 00:31     | <a href="#">WG2291911</a> |

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch                     |
|---------|-----------|-----------|----------|----------------------|---------------------------|
| pH      | 8.72      | T8        | 1        | 05/31/2024 22:10     | <a href="#">WG2296542</a> |

Sample Narrative:

L1739188-07 WG2296542: 8.72 at 22.3C

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch                     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|---------------------------|
| Specific Conductance | 268             |           | 10.0         | 1        | 06/01/2024 00:30     | <a href="#">WG2296552</a> |

Sample Narrative:

L1739188-07 WG2296552: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

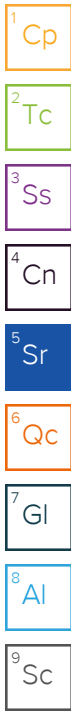
| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch                     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|---------------------------|
| Hot Water Sol. Boron | 0.139       | J         | 0.0167   | 0.200    | 1        | 06/01/2024 21:25     | <a href="#">WG2293911</a> |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Arsenic  | 2.01         |           | 0.100     | 1.00      | 5        | 06/06/2024 21:55     | <a href="#">WG2292568</a> |
| Barium   | 342          |           | 0.152     | 2.50      | 5        | 06/06/2024 21:55     | <a href="#">WG2292568</a> |
| Cadmium  | 0.105        | J         | 0.0855    | 1.00      | 5        | 06/06/2024 21:55     | <a href="#">WG2292568</a> |
| Copper   | 25.3         |           | 0.132     | 5.00      | 5        | 06/06/2024 21:55     | <a href="#">WG2292568</a> |
| Lead     | 4.96         |           | 0.0990    | 2.00      | 5        | 06/06/2024 21:55     | <a href="#">WG2292568</a> |
| Nickel   | 12.6         |           | 0.197     | 2.50      | 5        | 06/06/2024 21:55     | <a href="#">WG2292568</a> |
| Selenium | 0.971        | J         | 0.180     | 2.50      | 5        | 06/06/2024 21:55     | <a href="#">WG2292568</a> |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/06/2024 21:55     | <a href="#">WG2292568</a> |
| Zinc     | 87.6         |           | 0.740     | 25.0      | 5        | 06/06/2024 21:55     | <a href="#">WG2292568</a> |

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                            | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|------------------------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction          | 0.0292       | J         | 0.0217    | 0.100     | 1        | 05/26/2024 05:47     | <a href="#">WG2293482</a> |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 97.7         |           |           | 77.0-120  |          | 05/26/2024 05:47     | <a href="#">WG2293482</a> |



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

| Analyte                   | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | U               |           | 0.000467     | 0.00100      | 1        | 05/27/2024 06:21        | <a href="#">WG2293637</a> |
| Toluene                   | U               |           | 0.00130      | 0.00500      | 1        | 05/27/2024 06:21        | <a href="#">WG2293637</a> |
| Ethylbenzene              | U               |           | 0.000737     | 0.00250      | 1        | 05/27/2024 06:21        | <a href="#">WG2293637</a> |
| Xylenes, Total            | U               |           | 0.000880     | 0.00650      | 1        | 05/27/2024 06:21        | <a href="#">WG2293637</a> |
| 1,2,4-Trimethylbenzene    | U               |           | 0.00158      | 0.00500      | 1        | 05/27/2024 06:21        | <a href="#">WG2293637</a> |
| 1,3,5-Trimethylbenzene    | U               |           | 0.00200      | 0.00500      | 1        | 05/27/2024 06:21        | <a href="#">WG2293637</a> |
| (S) Toluene-d8            | 99.4            |           |              | 75.0-131     |          | 05/27/2024 06:21        | <a href="#">WG2293637</a> |
| (S) 4-Bromofluorobenzene  | 105             |           |              | 67.0-138     |          | 05/27/2024 06:21        | <a href="#">WG2293637</a> |
| (S) 1,2-Dichloroethane-d4 | 95.8            |           |              | 70.0-130     |          | 05/27/2024 06:21        | <a href="#">WG2293637</a> |

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

Semi-Volatile Organic Compounds (GC) by Method 8015M

| Analyte                 | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| C10-C28 Diesel Range    | 107             |           | 1.61         | 4.00         | 1        | 06/01/2024 11:23        | <a href="#">WG2294869</a> |
| C28-C36 Motor Oil Range | 225             |           | 1.37         | 20.0         | 5        | 06/01/2024 13:25        | <a href="#">WG2294869</a> |
| (S) o-Terphenyl         | 65.6            |           |              | 18.0-148     |          | 06/01/2024 13:25        | <a href="#">WG2294869</a> |
| (S) o-Terphenyl         | 64.6            |           |              | 18.0-148     |          | 06/01/2024 11:23        | <a href="#">WG2294869</a> |

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

| Analyte                | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Acenaphthene           | U               |           | 0.00209      | 0.00600      | 1        | 05/31/2024 04:30        | <a href="#">WG2295611</a> |
| Anthracene             | U               |           | 0.00230      | 0.00600      | 1        | 05/31/2024 04:30        | <a href="#">WG2295611</a> |
| Benzo(a)anthracene     | U               |           | 0.00173      | 0.00600      | 1        | 05/31/2024 04:30        | <a href="#">WG2295611</a> |
| Benzo(b)fluoranthene   | U               |           | 0.00153      | 0.00600      | 1        | 05/31/2024 04:30        | <a href="#">WG2295611</a> |
| Benzo(k)fluoranthene   | U               |           | 0.00215      | 0.00600      | 1        | 05/31/2024 04:30        | <a href="#">WG2295611</a> |
| Benzo(a)pyrene         | U               |           | 0.00179      | 0.00600      | 1        | 05/31/2024 04:30        | <a href="#">WG2295611</a> |
| Chrysene               | U               |           | 0.00232      | 0.00600      | 1        | 05/31/2024 04:30        | <a href="#">WG2295611</a> |
| Dibenz(a,h)anthracene  | U               |           | 0.00172      | 0.00600      | 1        | 05/31/2024 04:30        | <a href="#">WG2295611</a> |
| Fluoranthene           | U               |           | 0.00227      | 0.00600      | 1        | 05/31/2024 04:30        | <a href="#">WG2295611</a> |
| Fluorene               | U               |           | 0.00205      | 0.00600      | 1        | 05/31/2024 04:30        | <a href="#">WG2295611</a> |
| Indeno(1,2,3-cd)pyrene | U               |           | 0.00181      | 0.00600      | 1        | 05/31/2024 04:30        | <a href="#">WG2295611</a> |
| 1-Methylnaphthalene    | U               |           | 0.00449      | 0.0200       | 1        | 05/31/2024 04:30        | <a href="#">WG2295611</a> |
| 2-Methylnaphthalene    | U               |           | 0.00427      | 0.0200       | 1        | 05/31/2024 04:30        | <a href="#">WG2295611</a> |
| Naphthalene            | U               |           | 0.00408      | 0.0200       | 1        | 05/31/2024 04:30        | <a href="#">WG2295611</a> |
| Pyrene                 | 0.00269         | U         | 0.00200      | 0.00600      | 1        | 05/31/2024 04:30        | <a href="#">WG2295611</a> |
| (S) p-Terphenyl-d14    | 72.2            |           |              | 23.0-120     |          | 05/31/2024 04:30        | <a href="#">WG2295611</a> |
| (S) Nitrobenzene-d5    | 68.8            |           |              | 14.0-149     |          | 05/31/2024 04:30        | <a href="#">WG2295611</a> |
| (S) 2-Fluorobiphenyl   | 73.6            |           |              | 34.0-125     |          | 05/31/2024 04:30        | <a href="#">WG2295611</a> |

Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 38.4   |           | 1        | 06/01/2024 20:14     | WG2293909 |

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Hexavalent Chromium | U            |           | 0.255     | 1.00      | 1        | 05/30/2024 00:39     | <a href="#">WG2291911</a> |

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch                     |
|---------|-----------|-----------|----------|----------------------|---------------------------|
| pH      | 8.02      | <u>T8</u> | 1        | 05/31/2024 22:10     | <a href="#">WG2296542</a> |

Sample Narrative:

L1739188-08 WG2296542: 8.02 at 22.3C

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch                     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|---------------------------|
| Specific Conductance | 6670            |           | 10.0         | 1        | 06/01/2024 00:30     | <a href="#">WG2296552</a> |

Sample Narrative:

L1739188-08 WG2296552: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

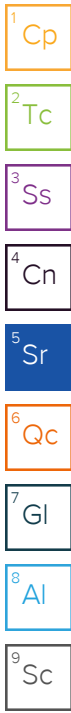
| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch                     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|---------------------------|
| Hot Water Sol. Boron | 6.61        |           | 0.0167   | 0.200    | 1        | 06/01/2024 21:33     | <a href="#">WG2293911</a> |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Arsenic  | 1.97         |           | 0.100     | 1.00      | 5        | 06/06/2024 21:59     | <a href="#">WG2292568</a> |
| Barium   | 442          |           | 0.152     | 2.50      | 5        | 06/06/2024 21:59     | <a href="#">WG2292568</a> |
| Cadmium  | 0.104        | <u>J</u>  | 0.0855    | 1.00      | 5        | 06/06/2024 21:59     | <a href="#">WG2292568</a> |
| Copper   | 42.0         |           | 0.132     | 5.00      | 5        | 06/06/2024 21:59     | <a href="#">WG2292568</a> |
| Lead     | 4.89         |           | 0.0990    | 2.00      | 5        | 06/06/2024 21:59     | <a href="#">WG2292568</a> |
| Nickel   | 13.2         |           | 0.197     | 2.50      | 5        | 06/06/2024 21:59     | <a href="#">WG2292568</a> |
| Selenium | 1.16         | <u>J</u>  | 0.180     | 2.50      | 5        | 06/06/2024 21:59     | <a href="#">WG2292568</a> |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/06/2024 21:59     | <a href="#">WG2292568</a> |
| Zinc     | 152          |           | 0.740     | 25.0      | 5        | 06/06/2024 21:59     | <a href="#">WG2292568</a> |

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                            | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|------------------------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction          | 0.107        |           | 0.0217    | 0.100     | 1        | 05/30/2024 04:08     | <a href="#">WG2295209</a> |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 89.1         |           |           | 77.0-120  |          | 05/30/2024 04:08     | <a href="#">WG2295209</a> |



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

| Analyte                   | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | U               |           | 0.000467     | 0.00100      | 1        | 05/27/2024 06:40        | <a href="#">WG2293637</a> |
| Toluene                   | 0.00205         | <u>J</u>  | 0.00130      | 0.00500      | 1        | 05/27/2024 06:40        | <a href="#">WG2293637</a> |
| Ethylbenzene              | U               |           | 0.000737     | 0.00250      | 1        | 05/27/2024 06:40        | <a href="#">WG2293637</a> |
| Xylenes, Total            | 0.00218         | <u>J</u>  | 0.000880     | 0.00650      | 1        | 05/27/2024 06:40        | <a href="#">WG2293637</a> |
| 1,2,4-Trimethylbenzene    | 0.00176         | <u>J</u>  | 0.00158      | 0.00500      | 1        | 05/27/2024 06:40        | <a href="#">WG2293637</a> |
| 1,3,5-Trimethylbenzene    | U               |           | 0.00200      | 0.00500      | 1        | 05/27/2024 06:40        | <a href="#">WG2293637</a> |
| (S) Toluene-d8            | 98.3            |           |              | 75.0-131     |          | 05/27/2024 06:40        | <a href="#">WG2293637</a> |
| (S) 4-Bromofluorobenzene  | 109             |           |              | 67.0-138     |          | 05/27/2024 06:40        | <a href="#">WG2293637</a> |
| (S) 1,2-Dichloroethane-d4 | 102             |           |              | 70.0-130     |          | 05/27/2024 06:40        | <a href="#">WG2293637</a> |

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

Semi-Volatile Organic Compounds (GC) by Method 8015M

| Analyte                 | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| C10-C28 Diesel Range    | 13300           |           | 805          | 2000         | 500      | 06/01/2024 12:25        | <a href="#">WG2294869</a> |
| C28-C36 Motor Oil Range | 15200           |           | 137          | 2000         | 500      | 06/01/2024 12:25        | <a href="#">WG2294869</a> |
| (S) o-Terphenyl         | 0.000           | <u>J7</u> |              | 18.0-148     |          | 06/01/2024 12:25        | <a href="#">WG2294869</a> |

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

| Analyte                | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Acenaphthene           | U               |           | 0.00209      | 0.00600      | 1        | 05/31/2024 09:12        | <a href="#">WG2295611</a> |
| Anthracene             | U               |           | 0.00230      | 0.00600      | 1        | 05/31/2024 09:12        | <a href="#">WG2295611</a> |
| Benzo(a)anthracene     | U               |           | 0.00173      | 0.00600      | 1        | 05/31/2024 09:12        | <a href="#">WG2295611</a> |
| Benzo(b)fluoranthene   | 0.135           |           | 0.00153      | 0.00600      | 1        | 05/31/2024 09:12        | <a href="#">WG2295611</a> |
| Benzo(k)fluoranthene   | U               |           | 0.00215      | 0.00600      | 1        | 05/31/2024 09:12        | <a href="#">WG2295611</a> |
| Benzo(a)pyrene         | 0.0585          |           | 0.00179      | 0.00600      | 1        | 05/31/2024 09:12        | <a href="#">WG2295611</a> |
| Chrysene               | U               |           | 0.00232      | 0.00600      | 1        | 05/31/2024 09:12        | <a href="#">WG2295611</a> |
| Dibenz(a,h)anthracene  | 0.0426          |           | 0.00172      | 0.00600      | 1        | 05/31/2024 09:12        | <a href="#">WG2295611</a> |
| Fluoranthene           | U               |           | 0.00227      | 0.00600      | 1        | 05/31/2024 09:12        | <a href="#">WG2295611</a> |
| Fluorene               | 0.182           |           | 0.00205      | 0.00600      | 1        | 05/31/2024 09:12        | <a href="#">WG2295611</a> |
| Indeno(1,2,3-cd)pyrene | U               |           | 0.00181      | 0.00600      | 1        | 05/31/2024 09:12        | <a href="#">WG2295611</a> |
| 1-Methylnaphthalene    | 0.230           |           | 0.00449      | 0.0200       | 1        | 05/31/2024 09:12        | <a href="#">WG2295611</a> |
| 2-Methylnaphthalene    | 0.153           |           | 0.00427      | 0.0200       | 1        | 05/31/2024 09:12        | <a href="#">WG2295611</a> |
| Naphthalene            | 0.0168          | <u>J</u>  | 0.00408      | 0.0200       | 1        | 05/31/2024 09:12        | <a href="#">WG2295611</a> |
| Pyrene                 | 0.485           |           | 0.00200      | 0.00600      | 1        | 05/31/2024 09:12        | <a href="#">WG2295611</a> |
| (S) p-Terphenyl-d14    | 81.8            |           |              | 23.0-120     |          | 05/31/2024 09:12        | <a href="#">WG2295611</a> |
| (S) Nitrobenzene-d5    | 82.3            |           |              | 14.0-149     |          | 05/31/2024 09:12        | <a href="#">WG2295611</a> |
| (S) 2-Fluorobiphenyl   | 57.8            |           |              | 34.0-125     |          | 05/31/2024 09:12        | <a href="#">WG2295611</a> |

Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 0.989  |           | 1        | 06/01/2024 20:17     | WG2293909 |

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Hexavalent Chromium | U            |           | 0.255     | 1.00      | 1        | 05/30/2024 01:03     | <a href="#">WG2291911</a> |

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch                     |
|---------|-----------|-----------|----------|----------------------|---------------------------|
| pH      | 8.43      | <u>T8</u> | 1        | 05/31/2024 22:10     | <a href="#">WG2296542</a> |

Sample Narrative:

L1739188-09 WG2296542: 8.43 at 22.2C

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch                     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|---------------------------|
| Specific Conductance | 188             |           | 10.0         | 1        | 06/01/2024 00:30     | <a href="#">WG2296552</a> |

Sample Narrative:

L1739188-09 WG2296552: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

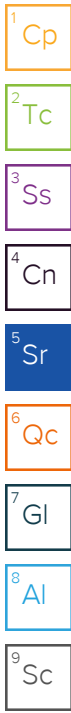
| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch                     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|---------------------------|
| Hot Water Sol. Boron | 0.0773      | <u>J</u>  | 0.0167   | 0.200    | 1        | 06/01/2024 21:36     | <a href="#">WG2293911</a> |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Arsenic  | 2.19         |           | 0.100     | 1.00      | 5        | 06/06/2024 22:02     | <a href="#">WG2292568</a> |
| Barium   | 124          |           | 0.152     | 2.50      | 5        | 06/06/2024 22:02     | <a href="#">WG2292568</a> |
| Cadmium  | U            |           | 0.0855    | 1.00      | 5        | 06/06/2024 22:02     | <a href="#">WG2292568</a> |
| Copper   | 29.2         |           | 0.132     | 5.00      | 5        | 06/06/2024 22:02     | <a href="#">WG2292568</a> |
| Lead     | 3.57         |           | 0.0990    | 2.00      | 5        | 06/06/2024 22:02     | <a href="#">WG2292568</a> |
| Nickel   | 8.81         |           | 0.197     | 2.50      | 5        | 06/06/2024 22:02     | <a href="#">WG2292568</a> |
| Selenium | 1.52         | <u>J</u>  | 0.180     | 2.50      | 5        | 06/06/2024 22:02     | <a href="#">WG2292568</a> |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/06/2024 22:02     | <a href="#">WG2292568</a> |
| Zinc     | 65.8         |           | 0.740     | 25.0      | 5        | 06/06/2024 22:02     | <a href="#">WG2292568</a> |

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                            | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|------------------------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction          | 0.0384       | <u>J</u>  | 0.0217    | 0.100     | 1        | 05/26/2024 06:08     | <a href="#">WG2293482</a> |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 98.5         |           |           | 77.0-120  |          | 05/26/2024 06:08     | <a href="#">WG2293482</a> |



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

| Analyte                   | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | U               |           | 0.000467     | 0.00100      | 1        | 05/27/2024 07:00        | <a href="#">WG2293637</a> |
| Toluene                   | U               |           | 0.00130      | 0.00500      | 1        | 05/27/2024 07:00        | <a href="#">WG2293637</a> |
| Ethylbenzene              | U               |           | 0.000737     | 0.00250      | 1        | 05/27/2024 07:00        | <a href="#">WG2293637</a> |
| Xylenes, Total            | U               |           | 0.000880     | 0.00650      | 1        | 05/27/2024 07:00        | <a href="#">WG2293637</a> |
| 1,2,4-Trimethylbenzene    | U               |           | 0.00158      | 0.00500      | 1        | 05/27/2024 07:00        | <a href="#">WG2293637</a> |
| 1,3,5-Trimethylbenzene    | U               |           | 0.00200      | 0.00500      | 1        | 05/27/2024 07:00        | <a href="#">WG2293637</a> |
| (S) Toluene-d8            | 101             |           |              | 75.0-131     |          | 05/27/2024 07:00        | <a href="#">WG2293637</a> |
| (S) 4-Bromofluorobenzene  | 105             |           |              | 67.0-138     |          | 05/27/2024 07:00        | <a href="#">WG2293637</a> |
| (S) 1,2-Dichloroethane-d4 | 90.0            |           |              | 70.0-130     |          | 05/27/2024 07:00        | <a href="#">WG2293637</a> |

Semi-Volatile Organic Compounds (GC) by Method 8015M

| Analyte                 | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| C10-C28 Diesel Range    | 13.5            |           | 1.61         | 4.00         | 1        | 06/01/2024 10:58        | <a href="#">WG2294869</a> |
| C28-C36 Motor Oil Range | 27.5            |           | 0.274        | 4.00         | 1        | 06/01/2024 10:58        | <a href="#">WG2294869</a> |
| (S) o-Terphenyl         | 50.5            |           |              | 18.0-148     |          | 06/01/2024 10:58        | <a href="#">WG2294869</a> |

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

| Analyte                | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Acenaphthene           | U               |           | 0.00209      | 0.00600      | 1        | 05/31/2024 04:13        | <a href="#">WG2295611</a> |
| Anthracene             | U               |           | 0.00230      | 0.00600      | 1        | 05/31/2024 04:13        | <a href="#">WG2295611</a> |
| Benzo(a)anthracene     | U               |           | 0.00173      | 0.00600      | 1        | 05/31/2024 04:13        | <a href="#">WG2295611</a> |
| Benzo(b)fluoranthene   | U               |           | 0.00153      | 0.00600      | 1        | 05/31/2024 04:13        | <a href="#">WG2295611</a> |
| Benzo(k)fluoranthene   | U               |           | 0.00215      | 0.00600      | 1        | 05/31/2024 04:13        | <a href="#">WG2295611</a> |
| Benzo(a)pyrene         | U               |           | 0.00179      | 0.00600      | 1        | 05/31/2024 04:13        | <a href="#">WG2295611</a> |
| Chrysene               | U               |           | 0.00232      | 0.00600      | 1        | 05/31/2024 04:13        | <a href="#">WG2295611</a> |
| Dibenz(a,h)anthracene  | U               |           | 0.00172      | 0.00600      | 1        | 05/31/2024 04:13        | <a href="#">WG2295611</a> |
| Fluoranthene           | U               |           | 0.00227      | 0.00600      | 1        | 05/31/2024 04:13        | <a href="#">WG2295611</a> |
| Fluorene               | U               |           | 0.00205      | 0.00600      | 1        | 05/31/2024 04:13        | <a href="#">WG2295611</a> |
| Indeno(1,2,3-cd)pyrene | U               |           | 0.00181      | 0.00600      | 1        | 05/31/2024 04:13        | <a href="#">WG2295611</a> |
| 1-Methylnaphthalene    | U               |           | 0.00449      | 0.0200       | 1        | 05/31/2024 04:13        | <a href="#">WG2295611</a> |
| 2-Methylnaphthalene    | U               |           | 0.00427      | 0.0200       | 1        | 05/31/2024 04:13        | <a href="#">WG2295611</a> |
| Naphthalene            | U               |           | 0.00408      | 0.0200       | 1        | 05/31/2024 04:13        | <a href="#">WG2295611</a> |
| Pyrene                 | U               |           | 0.00200      | 0.00600      | 1        | 05/31/2024 04:13        | <a href="#">WG2295611</a> |
| (S) p-Terphenyl-d14    | 74.2            |           |              | 23.0-120     |          | 05/31/2024 04:13        | <a href="#">WG2295611</a> |
| (S) Nitrobenzene-d5    | 74.5            |           |              | 14.0-149     |          | 05/31/2024 04:13        | <a href="#">WG2295611</a> |
| (S) 2-Fluorobiphenyl   | 75.0            |           |              | 34.0-125     |          | 05/31/2024 04:13        | <a href="#">WG2295611</a> |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 0.273  |           | 1        | 06/01/2024 20:25     | WG2293909 |

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Hexavalent Chromium | U            |           | 0.255     | 1.00      | 1        | 05/30/2024 01:11     | <a href="#">WG2291911</a> |

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch                     |
|---------|-----------|-----------|----------|----------------------|---------------------------|
| pH      | 8.05      | <u>T8</u> | 1        | 05/31/2024 22:10     | <a href="#">WG2296542</a> |

Sample Narrative:

L1739188-10 WG2296542: 8.05 at 22.1C

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch                     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|---------------------------|
| Specific Conductance | 241             |           | 10.0         | 1        | 06/01/2024 00:30     | <a href="#">WG2296552</a> |

Sample Narrative:

L1739188-10 WG2296552: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

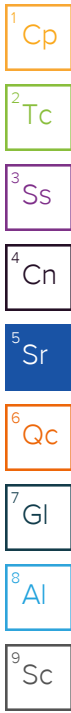
| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch                     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|---------------------------|
| Hot Water Sol. Boron | 0.120       | <u>J</u>  | 0.0167   | 0.200    | 1        | 06/01/2024 21:39     | <a href="#">WG2293911</a> |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Arsenic  | 1.81         |           | 0.100     | 1.00      | 5        | 06/06/2024 00:58     | <a href="#">WG2292575</a> |
| Barium   | 203          |           | 0.152     | 2.50      | 5        | 06/12/2024 03:02     | <a href="#">WG2300155</a> |
| Cadmium  | 0.116        | <u>J</u>  | 0.0855    | 1.00      | 5        | 06/06/2024 00:58     | <a href="#">WG2292575</a> |
| Copper   | 26.5         |           | 0.132     | 5.00      | 5        | 06/06/2024 00:58     | <a href="#">WG2292575</a> |
| Lead     | 3.67         |           | 0.0990    | 2.00      | 5        | 06/06/2024 00:58     | <a href="#">WG2292575</a> |
| Nickel   | 9.26         |           | 0.197     | 2.50      | 5        | 06/06/2024 00:58     | <a href="#">WG2292575</a> |
| Selenium | 0.428        | <u>J</u>  | 0.180     | 2.50      | 5        | 06/06/2024 00:58     | <a href="#">WG2292575</a> |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/06/2024 00:58     | <a href="#">WG2292575</a> |
| Zinc     | 68.1         |           | 0.740     | 25.0      | 5        | 06/06/2024 00:58     | <a href="#">WG2292575</a> |

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                            | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|------------------------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction          | 0.0415       | <u>J</u>  | 0.0217    | 0.100     | 1        | 05/26/2024 06:30     | <a href="#">WG2293482</a> |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 97.6         |           |           | 77.0-120  |          | 05/26/2024 06:30     | <a href="#">WG2293482</a> |



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

| Analyte                   | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | U               |           | 0.000467     | 0.00100      | 1        | 05/27/2024 07:19        | <a href="#">WG2293637</a> |
| Toluene                   | U               |           | 0.00130      | 0.00500      | 1        | 05/27/2024 07:19        | <a href="#">WG2293637</a> |
| Ethylbenzene              | U               |           | 0.000737     | 0.00250      | 1        | 05/27/2024 07:19        | <a href="#">WG2293637</a> |
| Xylenes, Total            | U               |           | 0.000880     | 0.00650      | 1        | 05/27/2024 07:19        | <a href="#">WG2293637</a> |
| 1,2,4-Trimethylbenzene    | U               |           | 0.00158      | 0.00500      | 1        | 05/27/2024 07:19        | <a href="#">WG2293637</a> |
| 1,3,5-Trimethylbenzene    | U               |           | 0.00200      | 0.00500      | 1        | 05/27/2024 07:19        | <a href="#">WG2293637</a> |
| (S) Toluene-d8            | 101             |           |              | 75.0-131     |          | 05/27/2024 07:19        | <a href="#">WG2293637</a> |
| (S) 4-Bromofluorobenzene  | 109             |           |              | 67.0-138     |          | 05/27/2024 07:19        | <a href="#">WG2293637</a> |
| (S) 1,2-Dichloroethane-d4 | 97.6            |           |              | 70.0-130     |          | 05/27/2024 07:19        | <a href="#">WG2293637</a> |

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

Semi-Volatile Organic Compounds (GC) by Method 8015M

| Analyte                 | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| C10-C28 Diesel Range    | 37.4            |           | 3.22         | 8.00         | 2        | 06/01/2024 13:37        | <a href="#">WG2294869</a> |
| C28-C36 Motor Oil Range | 78.4            |           | 0.548        | 8.00         | 2        | 06/01/2024 13:37        | <a href="#">WG2294869</a> |
| (S) o-Terphenyl         | 59.4            |           |              | 18.0-148     |          | 06/01/2024 13:37        | <a href="#">WG2294869</a> |

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

| Analyte                | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Acenaphthene           | U               |           | 0.00209      | 0.00600      | 1        | 06/01/2024 12:52        | <a href="#">WG2296038</a> |
| Anthracene             | U               |           | 0.00230      | 0.00600      | 1        | 06/01/2024 12:52        | <a href="#">WG2296038</a> |
| Benzo(a)anthracene     | U               |           | 0.00173      | 0.00600      | 1        | 06/01/2024 12:52        | <a href="#">WG2296038</a> |
| Benzo(b)fluoranthene   | U               |           | 0.00153      | 0.00600      | 1        | 06/01/2024 12:52        | <a href="#">WG2296038</a> |
| Benzo(k)fluoranthene   | U               |           | 0.00215      | 0.00600      | 1        | 06/01/2024 12:52        | <a href="#">WG2296038</a> |
| Benzo(a)pyrene         | U               |           | 0.00179      | 0.00600      | 1        | 06/01/2024 12:52        | <a href="#">WG2296038</a> |
| Chrysene               | U               |           | 0.00232      | 0.00600      | 1        | 06/01/2024 12:52        | <a href="#">WG2296038</a> |
| Dibenz(a,h)anthracene  | U               |           | 0.00172      | 0.00600      | 1        | 06/01/2024 12:52        | <a href="#">WG2296038</a> |
| Fluoranthene           | U               |           | 0.00227      | 0.00600      | 1        | 06/01/2024 12:52        | <a href="#">WG2296038</a> |
| Fluorene               | U               |           | 0.00205      | 0.00600      | 1        | 06/01/2024 12:52        | <a href="#">WG2296038</a> |
| Indeno(1,2,3-cd)pyrene | U               |           | 0.00181      | 0.00600      | 1        | 06/01/2024 12:52        | <a href="#">WG2296038</a> |
| 1-Methylnaphthalene    | U               |           | 0.00449      | 0.0200       | 1        | 06/01/2024 12:52        | <a href="#">WG2296038</a> |
| 2-Methylnaphthalene    | U               |           | 0.00427      | 0.0200       | 1        | 06/01/2024 12:52        | <a href="#">WG2296038</a> |
| Naphthalene            | U               |           | 0.00408      | 0.0200       | 1        | 06/01/2024 12:52        | <a href="#">WG2296038</a> |
| Pyrene                 | 0.00213         | U         | 0.00200      | 0.00600      | 1        | 06/01/2024 12:52        | <a href="#">WG2296038</a> |
| (S) p-Terphenyl-d14    | 84.2            |           |              | 23.0-120     |          | 06/01/2024 12:52        | <a href="#">WG2296038</a> |
| (S) Nitrobenzene-d5    | 78.7            |           |              | 14.0-149     |          | 06/01/2024 12:52        | <a href="#">WG2296038</a> |
| (S) 2-Fluorobiphenyl   | 84.1            |           |              | 34.0-125     |          | 06/01/2024 12:52        | <a href="#">WG2296038</a> |

Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 1.54   |           | 1        | 05/30/2024 22:37     | WG2293914 |

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Hexavalent Chromium | U            |           | 0.255     | 1.00      | 1        | 05/30/2024 01:27     | <a href="#">WG2291911</a> |

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch                     |
|---------|-----------|-----------|----------|----------------------|---------------------------|
| pH      | 8.40      | <u>T8</u> | 1        | 05/30/2024 20:10     | <a href="#">WG2295736</a> |

Sample Narrative:

L1739188-11 WG2295736: 8.4 at 22.8C

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch                     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|---------------------------|
| Specific Conductance | 194             |           | 10.0         | 1        | 05/30/2024 16:50     | <a href="#">WG2295750</a> |

Sample Narrative:

L1739188-11 WG2295750: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

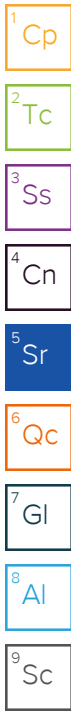
| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch                     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|---------------------------|
| Hot Water Sol. Boron | 0.265       |           | 0.0167   | 0.200    | 1        | 05/31/2024 09:24     | <a href="#">WG2293915</a> |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Arsenic  | 1.76         |           | 0.100     | 1.00      | 5        | 06/06/2024 01:02     | <a href="#">WG2292575</a> |
| Barium   | 50.3         |           | 0.152     | 2.50      | 5        | 06/12/2024 03:05     | <a href="#">WG2300155</a> |
| Cadmium  | U            |           | 0.0855    | 1.00      | 5        | 06/06/2024 01:02     | <a href="#">WG2292575</a> |
| Copper   | 27.3         |           | 0.132     | 5.00      | 5        | 06/06/2024 01:02     | <a href="#">WG2292575</a> |
| Lead     | 3.83         |           | 0.0990    | 2.00      | 5        | 06/06/2024 01:02     | <a href="#">WG2292575</a> |
| Nickel   | 7.53         |           | 0.197     | 2.50      | 5        | 06/06/2024 01:02     | <a href="#">WG2292575</a> |
| Selenium | 0.260        | <u>J</u>  | 0.180     | 2.50      | 5        | 06/06/2024 01:02     | <a href="#">WG2292575</a> |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/06/2024 01:02     | <a href="#">WG2292575</a> |
| Zinc     | 56.0         |           | 0.740     | 25.0      | 5        | 06/06/2024 01:02     | <a href="#">WG2292575</a> |

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                            | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|------------------------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction          | 0.0342       | <u>J</u>  | 0.0217    | 0.100     | 1        | 05/26/2024 06:51     | <a href="#">WG2293482</a> |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 98.3         |           |           | 77.0-120  |          | 05/26/2024 06:51     | <a href="#">WG2293482</a> |



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

| Analyte                   | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | U               |           | 0.000467     | 0.00100      | 1        | 05/27/2024 07:38        | <a href="#">WG2293637</a> |
| Toluene                   | U               |           | 0.00130      | 0.00500      | 1        | 05/27/2024 07:38        | <a href="#">WG2293637</a> |
| Ethylbenzene              | U               |           | 0.000737     | 0.00250      | 1        | 05/27/2024 07:38        | <a href="#">WG2293637</a> |
| Xylenes, Total            | U               |           | 0.000880     | 0.00650      | 1        | 05/27/2024 07:38        | <a href="#">WG2293637</a> |
| 1,2,4-Trimethylbenzene    | 0.00250         | <u>J</u>  | 0.00158      | 0.00500      | 1        | 05/27/2024 07:38        | <a href="#">WG2293637</a> |
| 1,3,5-Trimethylbenzene    | U               |           | 0.00200      | 0.00500      | 1        | 05/27/2024 07:38        | <a href="#">WG2293637</a> |
| (S) Toluene-d8            | 101             |           |              | 75.0-131     |          | 05/27/2024 07:38        | <a href="#">WG2293637</a> |
| (S) 4-Bromofluorobenzene  | 106             |           |              | 67.0-138     |          | 05/27/2024 07:38        | <a href="#">WG2293637</a> |
| (S) 1,2-Dichloroethane-d4 | 95.9            |           |              | 70.0-130     |          | 05/27/2024 07:38        | <a href="#">WG2293637</a> |

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

Semi-Volatile Organic Compounds (GC) by Method 8015M

| Analyte                 | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| C10-C28 Diesel Range    | 15.2            |           | 1.61         | 4.00         | 1        | 06/01/2024 11:10        | <a href="#">WG2294869</a> |
| C28-C36 Motor Oil Range | 52.6            |           | 0.274        | 4.00         | 1        | 06/01/2024 11:10        | <a href="#">WG2294869</a> |
| (S) o-Terphenyl         | 55.2            |           |              | 18.0-148     |          | 06/01/2024 11:10        | <a href="#">WG2294869</a> |

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

| Analyte                | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Acenaphthene           | U               |           | 0.00209      | 0.00600      | 1        | 06/01/2024 13:51        | <a href="#">WG2296038</a> |
| Anthracene             | U               |           | 0.00230      | 0.00600      | 1        | 06/01/2024 13:51        | <a href="#">WG2296038</a> |
| Benzo(a)anthracene     | U               |           | 0.00173      | 0.00600      | 1        | 06/01/2024 13:51        | <a href="#">WG2296038</a> |
| Benzo(b)fluoranthene   | U               |           | 0.00153      | 0.00600      | 1        | 06/01/2024 13:51        | <a href="#">WG2296038</a> |
| Benzo(k)fluoranthene   | U               |           | 0.00215      | 0.00600      | 1        | 06/01/2024 13:51        | <a href="#">WG2296038</a> |
| Benzo(a)pyrene         | U               |           | 0.00179      | 0.00600      | 1        | 06/01/2024 13:51        | <a href="#">WG2296038</a> |
| Chrysene               | U               |           | 0.00232      | 0.00600      | 1        | 06/01/2024 13:51        | <a href="#">WG2296038</a> |
| Dibenz(a,h)anthracene  | U               |           | 0.00172      | 0.00600      | 1        | 06/01/2024 13:51        | <a href="#">WG2296038</a> |
| Fluoranthene           | U               |           | 0.00227      | 0.00600      | 1        | 06/01/2024 13:51        | <a href="#">WG2296038</a> |
| Fluorene               | U               |           | 0.00205      | 0.00600      | 1        | 06/01/2024 13:51        | <a href="#">WG2296038</a> |
| Indeno(1,2,3-cd)pyrene | U               |           | 0.00181      | 0.00600      | 1        | 06/01/2024 13:51        | <a href="#">WG2296038</a> |
| 1-Methylnaphthalene    | U               |           | 0.00449      | 0.0200       | 1        | 06/01/2024 13:51        | <a href="#">WG2296038</a> |
| 2-Methylnaphthalene    | U               |           | 0.00427      | 0.0200       | 1        | 06/01/2024 13:51        | <a href="#">WG2296038</a> |
| Naphthalene            | U               |           | 0.00408      | 0.0200       | 1        | 06/01/2024 13:51        | <a href="#">WG2296038</a> |
| Pyrene                 | U               |           | 0.00200      | 0.00600      | 1        | 06/01/2024 13:51        | <a href="#">WG2296038</a> |
| (S) p-Terphenyl-d14    | 81.6            |           |              | 23.0-120     |          | 06/01/2024 13:51        | <a href="#">WG2296038</a> |
| (S) Nitrobenzene-d5    | 74.3            |           |              | 14.0-149     |          | 06/01/2024 13:51        | <a href="#">WG2296038</a> |
| (S) 2-Fluorobiphenyl   | 79.7            |           |              | 34.0-125     |          | 06/01/2024 13:51        | <a href="#">WG2296038</a> |

Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 0.116  |           | 1        | 06/01/2024 20:28     | WG2293909 |

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Hexavalent Chromium | U            |           | 0.255     | 1.00      | 1        | 05/30/2024 01:35     | <a href="#">WG2291911</a> |

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch                     |
|---------|-----------|-----------|----------|----------------------|---------------------------|
| pH      | 7.02      | <u>T8</u> | 1        | 05/31/2024 22:45     | <a href="#">WG2296544</a> |

Sample Narrative:

L1739188-12 WG2296544: 7.02 at 22C

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch                     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|---------------------------|
| Specific Conductance | 88.5            |           | 10.0         | 1        | 06/01/2024 00:10     | <a href="#">WG2296554</a> |

Sample Narrative:

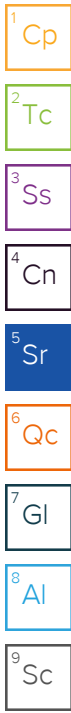
L1739188-12 WG2296554: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch                     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|---------------------------|
| Hot Water Sol. Boron | 0.142       | <u>J</u>  | 0.0167   | 0.200    | 1        | 06/01/2024 21:42     | <a href="#">WG2293911</a> |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Arsenic  | 3.11         |           | 0.100     | 1.00      | 5        | 06/06/2024 20:15     | <a href="#">WG2292568</a> |
| Barium   | 95.8         |           | 0.152     | 2.50      | 5        | 06/06/2024 20:15     | <a href="#">WG2292568</a> |
| Cadmium  | 0.302        | <u>J</u>  | 0.0855    | 1.00      | 5        | 06/06/2024 20:15     | <a href="#">WG2292568</a> |
| Copper   | 9.12         |           | 0.132     | 5.00      | 5        | 06/06/2024 20:15     | <a href="#">WG2292568</a> |
| Lead     | 14.5         |           | 0.0990    | 2.00      | 5        | 06/06/2024 20:15     | <a href="#">WG2292568</a> |
| Nickel   | 8.13         |           | 0.197     | 2.50      | 5        | 06/06/2024 20:15     | <a href="#">WG2292568</a> |
| Selenium | 1.07         | <u>J</u>  | 0.180     | 2.50      | 5        | 06/06/2024 20:15     | <a href="#">WG2292568</a> |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/06/2024 20:15     | <a href="#">WG2292568</a> |
| Zinc     | 33.6         |           | 0.740     | 25.0      | 5        | 06/06/2024 20:15     | <a href="#">WG2292568</a> |



Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 0.0638 |           | 1        | 06/01/2024 20:31     | WG2293909 |

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Hexavalent Chromium | U            |           | 0.255     | 1.00      | 1        | 05/30/2024 01:43     | <a href="#">WG2291911</a> |

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch                     |
|---------|-----------|-----------|----------|----------------------|---------------------------|
| pH      | 6.81      | <u>T8</u> | 1        | 05/31/2024 22:45     | <a href="#">WG2296544</a> |

Sample Narrative:

L1739188-13 WG2296544: 6.81 at 22.2C

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch                     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|---------------------------|
| Specific Conductance | 76.1            |           | 10.0         | 1        | 06/01/2024 00:10     | <a href="#">WG2296554</a> |

Sample Narrative:

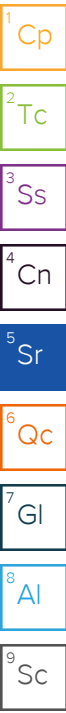
L1739188-13 WG2296554: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch                     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|---------------------------|
| Hot Water Sol. Boron | 0.206       |           | 0.0167   | 0.200    | 1        | 06/01/2024 21:45     | <a href="#">WG2293911</a> |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Arsenic  | 3.47         |           | 0.100     | 1.00      | 5        | 06/06/2024 01:11     | <a href="#">WG2292575</a> |
| Barium   | 107          |           | 0.152     | 2.50      | 5        | 06/12/2024 03:15     | <a href="#">WG2300155</a> |
| Cadmium  | 0.327        | <u>J</u>  | 0.0855    | 1.00      | 5        | 06/06/2024 01:11     | <a href="#">WG2292575</a> |
| Copper   | 10.6         |           | 0.132     | 5.00      | 5        | 06/06/2024 01:11     | <a href="#">WG2292575</a> |
| Lead     | 14.8         |           | 0.0990    | 2.00      | 5        | 06/06/2024 01:11     | <a href="#">WG2292575</a> |
| Nickel   | 9.58         |           | 0.197     | 2.50      | 5        | 06/06/2024 01:11     | <a href="#">WG2292575</a> |
| Selenium | 0.381        | <u>J</u>  | 0.180     | 2.50      | 5        | 06/06/2024 01:11     | <a href="#">WG2292575</a> |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/06/2024 01:11     | <a href="#">WG2292575</a> |
| Zinc     | 38.4         |           | 0.740     | 25.0      | 5        | 06/06/2024 01:11     | <a href="#">WG2292575</a> |



Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 0.0907 |           | 1        | 06/01/2024 20:34     | WG2293909 |

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Hexavalent Chromium | U            |           | 0.255     | 1.00      | 1        | 05/30/2024 01:59     | <a href="#">WG2291911</a> |

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch                     |
|---------|-----------|-----------|----------|----------------------|---------------------------|
| pH      | 6.20      | <u>T8</u> | 1        | 05/31/2024 22:45     | <a href="#">WG2296544</a> |

Sample Narrative:

L1739188-14 WG2296544: 6.2 at 22.1C

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch                     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|---------------------------|
| Specific Conductance | 80.7            |           | 10.0         | 1        | 06/01/2024 00:10     | <a href="#">WG2296554</a> |

Sample Narrative:

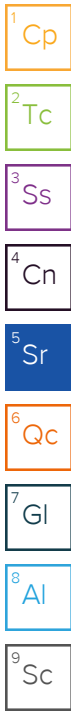
L1739188-14 WG2296554: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch                     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|---------------------------|
| Hot Water Sol. Boron | 0.143       | <u>J</u>  | 0.0167   | 0.200    | 1        | 06/01/2024 21:47     | <a href="#">WG2293911</a> |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Arsenic  | 2.44         |           | 0.100     | 1.00      | 5        | 06/06/2024 01:15     | <a href="#">WG2292575</a> |
| Barium   | 83.9         |           | 0.152     | 2.50      | 5        | 06/12/2024 03:18     | <a href="#">WG2300155</a> |
| Cadmium  | 0.295        | <u>J</u>  | 0.0855    | 1.00      | 5        | 06/06/2024 01:15     | <a href="#">WG2292575</a> |
| Copper   | 8.11         |           | 0.132     | 5.00      | 5        | 06/06/2024 01:15     | <a href="#">WG2292575</a> |
| Lead     | 13.7         |           | 0.0990    | 2.00      | 5        | 06/06/2024 01:15     | <a href="#">WG2292575</a> |
| Nickel   | 6.28         |           | 0.197     | 2.50      | 5        | 06/06/2024 01:15     | <a href="#">WG2292575</a> |
| Selenium | 0.302        | <u>J</u>  | 0.180     | 2.50      | 5        | 06/06/2024 01:15     | <a href="#">WG2292575</a> |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/06/2024 01:15     | <a href="#">WG2292575</a> |
| Zinc     | 32.2         |           | 0.740     | 25.0      | 5        | 06/06/2024 01:15     | <a href="#">WG2292575</a> |



Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 0.0541 |           | 1        | 06/01/2024 20:36     | WG2293909 |

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Hexavalent Chromium | U            |           | 0.255     | 1.00      | 1        | 05/30/2024 02:07     | <a href="#">WG2291911</a> |

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch                     |
|---------|-----------|-----------|----------|----------------------|---------------------------|
| pH      | 6.70      | <u>T8</u> | 1        | 05/31/2024 22:45     | <a href="#">WG2296544</a> |

Sample Narrative:

L1739188-15 WG2296544: 6.7 at 22C

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch                     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|---------------------------|
| Specific Conductance | 104             |           | 10.0         | 1        | 06/01/2024 00:10     | <a href="#">WG2296554</a> |

Sample Narrative:

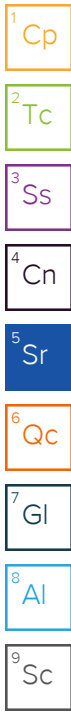
L1739188-15 WG2296554: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch                     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|---------------------------|
| Hot Water Sol. Boron | 0.149       | <u>J</u>  | 0.0167   | 0.200    | 1        | 06/01/2024 21:50     | <a href="#">WG2293911</a> |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Arsenic  | 2.79         |           | 0.100     | 1.00      | 5        | 06/06/2024 01:18     | <a href="#">WG2292575</a> |
| Barium   | 82.2         |           | 0.152     | 2.50      | 5        | 06/12/2024 03:22     | <a href="#">WG2300155</a> |
| Cadmium  | 0.247        | <u>J</u>  | 0.0855    | 1.00      | 5        | 06/06/2024 01:18     | <a href="#">WG2292575</a> |
| Copper   | 9.15         |           | 0.132     | 5.00      | 5        | 06/06/2024 01:18     | <a href="#">WG2292575</a> |
| Lead     | 13.5         |           | 0.0990    | 2.00      | 5        | 06/06/2024 01:18     | <a href="#">WG2292575</a> |
| Nickel   | 6.73         |           | 0.197     | 2.50      | 5        | 06/06/2024 01:18     | <a href="#">WG2292575</a> |
| Selenium | 0.363        | <u>J</u>  | 0.180     | 2.50      | 5        | 06/06/2024 01:18     | <a href="#">WG2292575</a> |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/06/2024 01:18     | <a href="#">WG2292575</a> |
| Zinc     | 31.9         |           | 0.740     | 25.0      | 5        | 06/06/2024 01:18     | <a href="#">WG2292575</a> |



Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 0.0595 |           | 1        | 06/01/2024 20:39     | WG2293909 |

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|-----------|
| Hexavalent Chromium | 0.315        | J J6      | 0.255     | 1.00      | 1        | 05/30/2024 02:15     | WG2291911 |

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch     |
|---------|-----------|-----------|----------|----------------------|-----------|
| pH      | 6.84      | T8        | 1        | 05/31/2024 22:45     | WG2296544 |

Sample Narrative:

L1739188-16 WG2296544: 6.84 at 21.9C

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|-----------|
| Specific Conductance | 107             |           | 10.0         | 1        | 06/01/2024 00:10     | WG2296554 |

Sample Narrative:

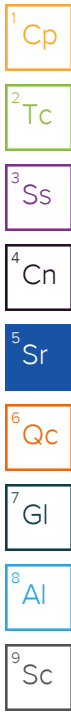
L1739188-16 WG2296554: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|-----------|
| Hot Water Sol. Boron | 0.153       | J         | 0.0167   | 0.200    | 1        | 06/01/2024 21:53     | WG2293911 |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|-----------|
| Arsenic  | 2.29         |           | 0.100     | 1.00      | 5        | 06/06/2024 01:21     | WG2292575 |
| Barium   | 86.4         |           | 0.152     | 2.50      | 5        | 06/12/2024 03:25     | WG2300155 |
| Cadmium  | 0.285        | J         | 0.0855    | 1.00      | 5        | 06/06/2024 01:21     | WG2292575 |
| Copper   | 8.40         |           | 0.132     | 5.00      | 5        | 06/06/2024 01:21     | WG2292575 |
| Lead     | 13.0         |           | 0.0990    | 2.00      | 5        | 06/06/2024 01:21     | WG2292575 |
| Nickel   | 6.03         |           | 0.197     | 2.50      | 5        | 06/06/2024 01:21     | WG2292575 |
| Selenium | 0.291        | J         | 0.180     | 2.50      | 5        | 06/06/2024 01:21     | WG2292575 |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/06/2024 01:21     | WG2292575 |
| Zinc     | 30.5         |           | 0.740     | 25.0      | 5        | 06/06/2024 01:21     | WG2292575 |



Method Blank (MB)

(MB) R4075149-1 05/29/24 23:28

| Analyte             | MB Result | MB Qualifier | MB MDL | MB RDL |
|---------------------|-----------|--------------|--------|--------|
| Hexavalent Chromium | U         |              | 0.255  | 1.00   |

<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

L1739188-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1739188-10 05/30/24 01:11 • (DUP) R4075149-3 05/30/24 01:19

| Analyte             | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------------------|-----------------|------------|----------|---------|---------------|----------------|
| Hexavalent Chromium | U               | U          | 1        | 0.000   |               | 20             |

L1739188-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1739188-13 05/30/24 01:43 • (DUP) R4075149-4 05/30/24 01:51

| Analyte             | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------------------|-----------------|------------|----------|---------|---------------|----------------|
| Hexavalent Chromium | U               | U          | 1        | 0.000   |               | 20             |

Laboratory Control Sample (LCS)

(LCS) R4075149-2 05/29/24 23:35

| Analyte             | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---------------------|--------------|------------|----------|-------------|---------------|
| Hexavalent Chromium | 10.0         | 10.9       | 109      | 80.0-120    |               |

L1739188-16 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1739188-16 05/30/24 02:15 • (MS) R4075149-6 05/30/24 02:47 • (MSD) R4075149-7 05/30/24 02:55

| Analyte             | Spike Amount | Original Result | MS Result | MSD Result | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD  | RPD Limits |
|---------------------|--------------|-----------------|-----------|------------|---------|----------|----------|-------------|--------------|---------------|------|------------|
| Hexavalent Chromium | 20.0         | 0.315           | 15.1      | 12.5       | 73.9    | 60.9     | 1        | 75.0-125    | J6           | J6            | 18.8 | 20         |

L1739207-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1739207-04 05/30/24 03:35 • (MS) R4075149-10 05/30/24 03:51 • (MSD) R4075149-11 05/30/24 04:15

| Analyte             | Spike Amount | Original Result | MS Result | MSD Result | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD  | RPD Limits |
|---------------------|--------------|-----------------|-----------|------------|---------|----------|----------|-------------|--------------|---------------|------|------------|
| Hexavalent Chromium | 20.0         | U               | 17.5      | 16.2       | 87.6    | 80.8     | 1        | 75.0-125    |              |               | 8.02 | 20         |

L1739188-16 Original Sample (OS) • Matrix Spike (MS)

(OS) L1739188-16 05/30/24 02:15 • (MS) R4075149-8 05/30/24 03:03

| Analyte             | Spike Amount<br>mg/kg | Original Result<br>mg/kg | MS Result<br>mg/kg | MS Rec.<br>% | Dilution | Rec. Limits<br>% | <u>MS Qualifier</u> |
|---------------------|-----------------------|--------------------------|--------------------|--------------|----------|------------------|---------------------|
| Hexavalent Chromium | 641                   | 0.315                    | 686                | 107          | 50       | 75.0-125         |                     |

L1739207-04 Original Sample (OS) • Matrix Spike (MS)

(OS) L1739207-04 05/30/24 03:35 • (MS) R4075149-12 05/30/24 04:23

| Analyte             | Spike Amount<br>mg/kg | Original Result<br>mg/kg | MS Result<br>mg/kg | MS Rec.<br>% | Dilution | Rec. Limits<br>% | <u>MS Qualifier</u> |
|---------------------|-----------------------|--------------------------|--------------------|--------------|----------|------------------|---------------------|
| Hexavalent Chromium | 654                   | U                        | 771                | 118          | 50       | 75.0-125         |                     |

<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

L1739239-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1739239-06 05/30/24 20:10 • (DUP) R4075532-2 05/30/24 20:10

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------|-----------------|------------|----------|---------|---------------|----------------|
| pH      | 7.38            | 7.33       | 1        | 0.680   |               | 1              |

Sample Narrative:  
 OS: 7.38 at 22.6C  
 DUP: 7.33 at 22.7C

L1740045-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1740045-01 05/30/24 20:10 • (DUP) R4075532-3 05/30/24 20:10

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------|-----------------|------------|----------|---------|---------------|----------------|
| pH      | 7.88            | 7.90       | 1        | 0.253   |               | 1              |

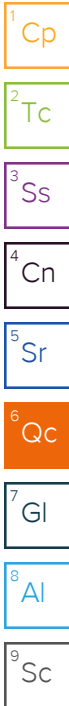
Sample Narrative:  
 OS: 7.88 at 21.9C  
 DUP: 7.9 at 21.8C

Laboratory Control Sample (LCS)

(LCS) R4075532-1 05/30/24 20:10

| Analyte | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---------|--------------|------------|----------|-------------|---------------|
| pH      | 10.0         | 10.0       | 100      | 99.0-101    |               |

Sample Narrative:  
 LCS: 10 at 22.1C



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

(LCS) R4075971-1 05/31/24 22:10 • (LCSD) R4075971-2 05/31/24 22:10

| Analyte | Spike Amount | LCS Result | LCSD Result | LCS Rec. | LCSD Rec. | Rec. Limits | <u>LCS Qualifier</u> | <u>LCSD Qualifier</u> | RPD   | RPD Limits |
|---------|--------------|------------|-------------|----------|-----------|-------------|----------------------|-----------------------|-------|------------|
|         | su           | su         | su          | %        | %         | %           |                      |                       | %     | %          |
| pH      | 10.0         | 9.99       | 9.99        | 99.9     | 99.9      | 99.0-101    |                      |                       | 0.000 | 1          |

Sample Narrative:

LCS: 9.99 at 21.2C

LCSD: 9.99 at 21.2C

<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

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

(LCS) R4075975-1 05/31/24 22:45 • (LCSD) R4075975-2 05/31/24 22:45

| Analyte | Spike Amount | LCS Result | LCSD Result | LCS Rec. | LCSD Rec. | Rec. Limits | <u>LCS Qualifier</u> | <u>LCSD Qualifier</u> | RPD   | RPD Limits |
|---------|--------------|------------|-------------|----------|-----------|-------------|----------------------|-----------------------|-------|------------|
|         | su           | su         | su          | %        | %         | %           |                      |                       | %     | %          |
| pH      | 10.0         | 9.99       | 10.0        | 99.9     | 100       | 99.0-101    |                      |                       | 0.100 | 1          |

Sample Narrative:

LCS: 9.99 at 21.1C

LCSD: 10 at 21.2C

<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) R4075502-1 05/30/24 16:50

| Analyte              | MB Result | MB Qualifier | MB MDL | MB RDL |
|----------------------|-----------|--------------|--------|--------|
| Specific Conductance | U         |              | 10.0   | 10.0   |

Sample Narrative:

BLANK: at 25C

L1739239-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1739239-06 05/30/24 16:50 • (DUP) R4075502-3 05/30/24 16:50

| Analyte              | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|----------------------|-----------------|------------|----------|---------|---------------|----------------|
| Specific Conductance | 50.4            | 50.3       | 1        | 0.199   |               | 20             |

Sample Narrative:

OS: at 25C  
DUP: at 25C

L1740045-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1740045-01 05/30/24 16:50 • (DUP) R4075502-4 05/30/24 16:50

| Analyte              | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|----------------------|-----------------|------------|----------|---------|---------------|----------------|
| Specific Conductance | 8880            | 8890       | 1        | 0.113   |               | 20             |

Sample Narrative:

OS: at 25C  
DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R4075502-2 05/30/24 16:50

| Analyte              | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|----------------------|--------------|------------|----------|-------------|---------------|
| Specific Conductance | 733          | 741        | 101      | 85.0-115    |               |

Sample Narrative:

LCS: at 25C

<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) R4075986-1 06/01/24 00:30

| Analyte              | MB Result<br>umhos/cm | MB Qualifier | MB MDL<br>umhos/cm | MB RDL<br>umhos/cm |
|----------------------|-----------------------|--------------|--------------------|--------------------|
| Specific Conductance | U                     |              | 10.0               | 10.0               |

Sample Narrative:

BLANK: at 25C

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

(LCS) R4075986-2 06/01/24 00:30 • (LCSD) R4075986-3 06/01/24 00:30

| Analyte              | Spike Amount<br>umhos/cm | LCS Result<br>umhos/cm | LCSD Result<br>umhos/cm | LCS Rec.<br>% | LCSD Rec.<br>% | Rec. Limits<br>% | LCS Qualifier | LCSD Qualifier | RPD<br>% | RPD Limits<br>% |
|----------------------|--------------------------|------------------------|-------------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Specific Conductance | 733                      | 755                    | 749                     | 103           | 102            | 85.0-115         |               |                | 0.798    | 20              |

Sample Narrative:

LCS: at 25C

LCSD: at 25C

<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) R4075985-1 06/01/24 00:10

| Analyte              | MB Result<br>umhos/cm | MB Qualifier | MB MDL<br>umhos/cm | MB RDL<br>umhos/cm |
|----------------------|-----------------------|--------------|--------------------|--------------------|
| Specific Conductance | U                     |              | 10.0               | 10.0               |

Sample Narrative:

BLANK: at 25C

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

(LCS) R4075985-2 06/01/24 00:10 • (LCSD) R4075985-3 06/01/24 00:10

| Analyte              | Spike Amount<br>umhos/cm | LCS Result<br>umhos/cm | LCSD Result<br>umhos/cm | LCS Rec.<br>% | LCSD Rec.<br>% | Rec. Limits<br>% | LCS Qualifier | LCSD Qualifier | RPD<br>% | RPD Limits<br>% |
|----------------------|--------------------------|------------------------|-------------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Specific Conductance | 733                      | 754                    | 750                     | 103           | 102            | 85.0-115         |               |                | 0.532    | 20              |

Sample Narrative:

LCS: at 25C

LCSD: at 25C

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4076246-1 06/01/24 21:00

| Analyte              | MB Result<br>mg/l | MB Qualifier | MB MDL<br>mg/l | MB RDL<br>mg/l |
|----------------------|-------------------|--------------|----------------|----------------|
| Hot Water Sol. Boron | U                 |              | 0.0167         | 0.200          |

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

(LCS) R4076246-2 06/01/24 21:02 • (LCSD) R4076246-3 06/01/24 21:05

| 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>% |
|----------------------|----------------------|--------------------|---------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Hot Water Sol. Boron | 1.00                 | 1.03               | 1.02                | 103           | 102            | 80.0-120         |               |                | 0.350    | 20              |

<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) R4075819-1 05/31/24 09:16

| Analyte              | MB Result<br>mg/l | MB Qualifier | MB MDL<br>mg/l | MB RDL<br>mg/l |
|----------------------|-------------------|--------------|----------------|----------------|
| Hot Water Sol. Boron | U                 |              | 0.0167         | 0.200          |

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

(LCS) R4075819-2 05/31/24 09:19 • (LCSD) R4075819-3 05/31/24 09:22

| 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>% |
|----------------------|----------------------|--------------------|---------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Hot Water Sol. Boron | 1.00                 | 1.06               | 1.09                | 106           | 109            | 80.0-120         |               |                | 2.82     | 20              |

- <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) R4078376-1 06/06/24 20:08

| Analyte  | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|----------|--------------------|--------------|-----------------|-----------------|
| Arsenic  | U                  |              | 0.100           | 1.00            |
| Barium   | U                  |              | 0.152           | 2.50            |
| Cadmium  | U                  |              | 0.0855          | 1.00            |
| Copper   | U                  |              | 0.133           | 5.00            |
| Lead     | U                  |              | 0.0990          | 2.00            |
| Nickel   | U                  |              | 0.197           | 2.50            |
| Selenium | U                  |              | 0.180           | 2.50            |
| Silver   | U                  |              | 0.0865          | 0.500           |
| Zinc     | 0.910              | ↓            | 0.740           | 25.0            |

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

Laboratory Control Sample (LCS)

(LCS) R4078376-2 06/06/24 20:12

| Analyte  | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|----------|-----------------------|---------------------|---------------|------------------|---------------|
| Arsenic  | 100                   | 106                 | 106           | 80.0-120         |               |
| Barium   | 100                   | 105                 | 105           | 80.0-120         |               |
| Cadmium  | 100                   | 110                 | 110           | 80.0-120         |               |
| Copper   | 100                   | 105                 | 105           | 80.0-120         |               |
| Lead     | 100                   | 108                 | 108           | 80.0-120         |               |
| Nickel   | 100                   | 110                 | 110           | 80.0-120         |               |
| Selenium | 100                   | 104                 | 104           | 80.0-120         |               |
| Silver   | 20.0                  | 22.5                | 113           | 80.0-120         |               |
| Zinc     | 100                   | 103                 | 103           | 80.0-120         |               |

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

L1739188-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1739188-12 06/06/24 20:15 • (MS) R4078376-5 06/06/24 20:25 • (MSD) R4078376-6 06/06/24 20:28

| Analyte  | Spike Amount<br>mg/kg | Original Result<br>mg/kg | MS Result<br>mg/kg | MSD Result<br>mg/kg | MS Rec.<br>% | MSD Rec.<br>% | Dilution | Rec. Limits<br>% | MS Qualifier | MSD Qualifier | RPD<br>% | RPD Limits<br>% |
|----------|-----------------------|--------------------------|--------------------|---------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| Arsenic  | 100                   | 3.11                     | 95.9               | 94.2                | 92.8         | 91.1          | 5        | 75.0-125         |              |               | 1.80     | 20              |
| Barium   | 100                   | 95.8                     | 200                | 188                 | 104          | 92.0          | 5        | 75.0-125         |              |               | 6.35     | 20              |
| Cadmium  | 100                   | 0.302                    | 100                | 100                 | 99.9         | 99.7          | 5        | 75.0-125         |              |               | 0.129    | 20              |
| Copper   | 100                   | 9.12                     | 103                | 102                 | 93.9         | 92.8          | 5        | 75.0-125         |              |               | 1.08     | 20              |
| Lead     | 100                   | 14.5                     | 112                | 111                 | 97.5         | 96.9          | 5        | 75.0-125         |              |               | 0.485    | 20              |
| Nickel   | 100                   | 8.13                     | 105                | 105                 | 96.9         | 96.7          | 5        | 75.0-125         |              |               | 0.155    | 20              |
| Selenium | 100                   | 1.07                     | 95.9               | 96.2                | 94.8         | 95.2          | 5        | 75.0-125         |              |               | 0.393    | 20              |
| Silver   | 20.0                  | U                        | 20.5               | 19.8                | 103          | 99.2          | 5        | 75.0-125         |              |               | 3.29     | 20              |
| Zinc     | 100                   | 33.6                     | 124                | 124                 | 90.7         | 90.1          | 5        | 75.0-125         |              |               | 0.451    | 20              |

Method Blank (MB)

(MB) R4077939-1 06/06/24 00:31

| Analyte  | MB Result | MB Qualifier | MB MDL | MB RDL |
|----------|-----------|--------------|--------|--------|
|          | mg/kg     |              | mg/kg  | mg/kg  |
| Arsenic  | U         |              | 0.100  | 1.00   |
| Cadmium  | U         |              | 0.0855 | 1.00   |
| Copper   | U         |              | 0.133  | 5.00   |
| Lead     | U         |              | 0.0990 | 2.00   |
| Nickel   | U         |              | 0.197  | 2.50   |
| Selenium | U         |              | 0.180  | 2.50   |
| Silver   | U         |              | 0.0865 | 0.500  |
| Zinc     | U         |              | 0.740  | 25.0   |

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

Laboratory Control Sample (LCS)

(LCS) R4077939-2 06/06/24 00:35

| Analyte  | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|----------|--------------|------------|----------|-------------|---------------|
|          | mg/kg        | mg/kg      | %        | %           |               |
| Arsenic  | 100          | 91.7       | 91.7     | 80.0-120    |               |
| Cadmium  | 100          | 101        | 101      | 80.0-120    |               |
| Copper   | 100          | 95.8       | 95.8     | 80.0-120    |               |
| Lead     | 100          | 96.7       | 96.7     | 80.0-120    |               |
| Nickel   | 100          | 96.1       | 96.1     | 80.0-120    |               |
| Selenium | 100          | 98.7       | 98.7     | 80.0-120    |               |
| Silver   | 20.0         | 18.6       | 92.9     | 80.0-120    |               |
| Zinc     | 100          | 91.3       | 91.3     | 80.0-120    |               |

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

L1739268-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1739268-02 06/06/24 00:38 • (MS) R4077939-5 06/06/24 00:48 • (MSD) R4077939-6 06/06/24 00:52

| Analyte  | Spike Amount | Original Result | MS Result | MSD Result | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD    | RPD Limits |
|----------|--------------|-----------------|-----------|------------|---------|----------|----------|-------------|--------------|---------------|--------|------------|
|          | mg/kg        | mg/kg           | mg/kg     | mg/kg      | %       | %        |          | %           |              |               | %      | %          |
| Arsenic  | 99.7         | 1.49            | 86.7      | 87.0       | 85.2    | 85.5     | 5        | 75.0-125    |              |               | 0.278  | 20         |
| Cadmium  | 99.7         | 0.207           | 94.3      | 98.9       | 94.1    | 98.7     | 5        | 75.0-125    |              |               | 4.79   | 20         |
| Copper   | 99.7         | 8.38            | 99.8      | 103        | 91.4    | 94.2     | 5        | 75.0-125    |              |               | 2.74   | 20         |
| Lead     | 99.7         | 12.8            | 106       | 103        | 92.7    | 90.4     | 5        | 75.0-125    |              |               | 2.20   | 20         |
| Nickel   | 99.7         | 3.12            | 97.5      | 95.4       | 94.4    | 92.2     | 5        | 75.0-125    |              |               | 2.23   | 20         |
| Selenium | 99.7         | 0.242           | 90.1      | 91.7       | 89.9    | 91.4     | 5        | 75.0-125    |              |               | 1.73   | 20         |
| Silver   | 20.0         | U               | 18.1      | 18.1       | 90.4    | 90.4     | 5        | 75.0-125    |              |               | 0.0134 | 20         |
| Zinc     | 99.7         | 32.2            | 120       | 121        | 87.8    | 88.7     | 5        | 75.0-125    |              |               | 0.814  | 20         |

Method Blank (MB)

(MB) R4080468-1 06/12/24 02:35

| Analyte | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|---------|--------------------|--------------|-----------------|-----------------|
| Barium  | 3.61               |              | 0.152           | 2.50            |

Laboratory Control Sample (LCS)

(LCS) R4080468-2 06/12/24 02:39

| Analyte | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|---------|-----------------------|---------------------|---------------|------------------|---------------|
| Barium  | 100                   | 92.9                | 92.9          | 80.0-120         |               |

L1739367-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1739367-19 06/12/24 02:42 • (MS) R4080468-5 06/12/24 02:52 • (MSD) R4080468-6 06/12/24 02:55

| Analyte | Spike Amount<br>mg/kg | Original Result<br>mg/kg | MS Result<br>mg/kg | MSD Result<br>mg/kg | MS Rec.<br>% | MSD Rec.<br>% | Dilution | Rec. Limits<br>% | MS Qualifier | MSD Qualifier | RPD<br>% | RPD Limits<br>% |
|---------|-----------------------|--------------------------|--------------------|---------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| Barium  | 100                   | 58.6                     | 178                | 173                 | 119          | 114           | 5        | 75.0-125         |              |               | 2.57     | 20              |

<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) R4074819-2 05/26/24 02:12

| Analyte                                       | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|---|--------------------|--------------|-----------------|-----------------|
| TPH (GC/FID) Low Fraction                     | U                  |              | 0.0217          | 0.100           |
| <sup>(S)</sup><br>a,a,a-Trifluorotoluene(FID) | 101                |              |                 | 77.0-120        |

Laboratory Control Sample (LCS)

(LCS) R4074819-1 05/26/24 00:45

| Analyte                                       | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|---|-----------------------|---------------------|---------------|------------------|---------------|
| TPH (GC/FID) Low Fraction                     | 5.00                  | 5.06                | 101           | 72.0-127         |               |
| <sup>(S)</sup><br>a,a,a-Trifluorotoluene(FID) |                       |                     | 107           | 77.0-120         |               |

<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) R4075914-2 05/30/24 02:20

| Analyte                                       | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|---|--------------------|--------------|-----------------|-----------------|
| TPH (GC/FID) Low Fraction                     | U                  |              | 0.0217          | 0.100           |
| <sup>(S)</sup><br>a,a,a-Trifluorotoluene(FID) | 95.6               |              |                 | 77.0-120        |

Laboratory Control Sample (LCS)

(LCS) R4075914-1 05/30/24 00:42

| Analyte                                       | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|---|-----------------------|---------------------|---------------|------------------|---------------|
| TPH (GC/FID) Low Fraction                     | 5.00                  | 5.21                | 104           | 72.0-127         |               |
| <sup>(S)</sup><br>a,a,a-Trifluorotoluene(FID) |                       |                     | 101           | 77.0-120         |               |

<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) R4075073-3 05/27/24 04:27

| Analyte                   | MB Result | MB Qualifier | MB MDL   | MB RDL   |
|---------------------------|-----------|--------------|----------|----------|
|                           | mg/kg     |              | mg/kg    | mg/kg    |
| Benzene                   | U         |              | 0.000467 | 0.00100  |
| Toluene                   | U         |              | 0.00130  | 0.00500  |
| Ethylbenzene              | U         |              | 0.000737 | 0.00250  |
| Xylenes, Total            | U         |              | 0.000880 | 0.00650  |
| 1,2,4-Trimethylbenzene    | U         |              | 0.00158  | 0.00500  |
| 1,3,5-Trimethylbenzene    | U         |              | 0.00200  | 0.00500  |
| (S) Toluene-d8            | 98.4      |              |          | 75.0-131 |
| (S) 4-Bromofluorobenzene  | 105       |              |          | 67.0-138 |
| (S) 1,2-Dichloroethane-d4 | 98.8      |              |          | 70.0-130 |

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

(LCS) R4075073-1 05/27/24 02:52 • (LCSD) R4075073-2 05/27/24 03:11

| Analyte                   | Spike Amount | LCS Result | LCSD Result | LCS Rec. | LCSD Rec. | Rec. Limits | LCS Qualifier | LCSD Qualifier | RPD   | RPD Limits |
|---------------------------|--------------|------------|-------------|----------|-----------|-------------|---------------|----------------|-------|------------|
|                           | mg/kg        | mg/kg      | mg/kg       | %        | %         | %           |               |                | %     | %          |
| Benzene                   | 0.125        | 0.107      | 0.106       | 85.6     | 84.8      | 70.0-123    |               |                | 0.939 | 20         |
| Toluene                   | 0.125        | 0.109      | 0.108       | 87.2     | 86.4      | 75.0-121    |               |                | 0.922 | 20         |
| Ethylbenzene              | 0.125        | 0.113      | 0.112       | 90.4     | 89.6      | 74.0-126    |               |                | 0.889 | 20         |
| Xylenes, Total            | 0.375        | 0.338      | 0.339       | 90.1     | 90.4      | 72.0-127    |               |                | 0.295 | 20         |
| 1,2,4-Trimethylbenzene    | 0.125        | 0.108      | 0.108       | 86.4     | 86.4      | 70.0-126    |               |                | 0.000 | 20         |
| 1,3,5-Trimethylbenzene    | 0.125        | 0.109      | 0.107       | 87.2     | 85.6      | 73.0-127    |               |                | 1.85  | 20         |
| (S) Toluene-d8            |              |            |             | 99.9     | 99.6      | 75.0-131    |               |                |       |            |
| (S) 4-Bromofluorobenzene  |              |            |             | 105      | 104       | 67.0-138    |               |                |       |            |
| (S) 1,2-Dichloroethane-d4 |              |            |             | 95.4     | 96.7      | 70.0-130    |               |                |       |            |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4076173-1 06/01/24 10:21

| Analyte                 | MB Result | MB Qualifier | MB MDL | MB RDL   |
|-------------------------|-----------|--------------|--------|----------|
|                         | mg/kg     |              | mg/kg  | mg/kg    |
| C10-C28 Diesel Range    | U         |              | 1.61   | 4.00     |
| C28-C36 Motor Oil Range | U         |              | 0.274  | 4.00     |
| <i>(S) o-Terphenyl</i>  | 71.6      |              |        | 18.0-148 |

Laboratory Control Sample (LCS)

(LCS) R4076173-2 06/01/24 10:34

| Analyte                | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|------------------------|--------------|------------|----------|-------------|---------------|
|                        | mg/kg        | mg/kg      | %        | %           |               |
| C10-C28 Diesel Range   | 50.0         | 39.0       | 78.0     | 50.0-150    |               |
| <i>(S) o-Terphenyl</i> |              |            | 77.3     | 18.0-148    |               |

L1739188-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1739188-02 06/01/24 12:00 • (MS) R4076173-3 06/01/24 12:12 • (MSD) R4076173-4 06/01/24 12:25

| Analyte                | Spike Amount | Original Result | MS Result | MSD Result | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD  | RPD Limits |
|------------------------|--------------|-----------------|-----------|------------|---------|----------|----------|-------------|--------------|---------------|------|------------|
|                        | mg/kg        | mg/kg           | mg/kg     | mg/kg      | %       | %        |          | %           |              |               | %    | %          |
| C10-C28 Diesel Range   | 48.5         | 13200           | 10500     | 13300      | 0.000   | 206      | 500      | 50.0-150    | V            | J3 V          | 23.5 | 20         |
| <i>(S) o-Terphenyl</i> |              |                 |           |            | 0.000   | 0.000    |          | 18.0-148    | J7           | J7            |      |            |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4075657-2 05/31/24 01:52

| Analyte                | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|------------------------|--------------------|--------------|-----------------|-----------------|
| Acenaphthene           | U                  |              | 0.00209         | 0.00600         |
| Anthracene             | U                  |              | 0.00230         | 0.00600         |
| Benzo(a)anthracene     | U                  |              | 0.00173         | 0.00600         |
| Benzo(b)fluoranthene   | U                  |              | 0.00153         | 0.00600         |
| Benzo(k)fluoranthene   | U                  |              | 0.00215         | 0.00600         |
| Benzo(a)pyrene         | U                  |              | 0.00179         | 0.00600         |
| Chrysene               | U                  |              | 0.00232         | 0.00600         |
| Dibenz(a,h)anthracene  | U                  |              | 0.00172         | 0.00600         |
| Fluoranthene           | U                  |              | 0.00227         | 0.00600         |
| Fluorene               | U                  |              | 0.00205         | 0.00600         |
| Indeno(1,2,3-cd)pyrene | U                  |              | 0.00181         | 0.00600         |
| 1-Methylnaphthalene    | U                  |              | 0.00449         | 0.0200          |
| 2-Methylnaphthalene    | U                  |              | 0.00427         | 0.0200          |
| Naphthalene            | U                  |              | 0.00408         | 0.0200          |
| Pyrene                 | U                  |              | 0.00200         | 0.00600         |
| (S) p-Terphenyl-d14    | 93.0               |              |                 | 23.0-120        |
| (S) Nitrobenzene-d5    | 83.6               |              |                 | 14.0-149        |
| (S) 2-Fluorobiphenyl   | 91.5               |              |                 | 34.0-125        |

<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

Laboratory Control Sample (LCS)

(LCS) R4075657-1 05/31/24 01:34

| Analyte                | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|------------------------|-----------------------|---------------------|---------------|------------------|---------------|
| Acenaphthene           | 0.0800                | 0.0730              | 91.3          | 50.0-120         |               |
| Anthracene             | 0.0800                | 0.0774              | 96.8          | 50.0-126         |               |
| Benzo(a)anthracene     | 0.0800                | 0.0729              | 91.1          | 45.0-120         |               |
| Benzo(b)fluoranthene   | 0.0800                | 0.0771              | 96.4          | 42.0-121         |               |
| Benzo(k)fluoranthene   | 0.0800                | 0.0768              | 96.0          | 49.0-125         |               |
| Benzo(a)pyrene         | 0.0800                | 0.0709              | 88.6          | 42.0-120         |               |
| Chrysene               | 0.0800                | 0.0827              | 103           | 49.0-122         |               |
| Dibenz(a,h)anthracene  | 0.0800                | 0.0734              | 91.8          | 47.0-125         |               |
| Fluoranthene           | 0.0800                | 0.0839              | 105           | 49.0-129         |               |
| Fluorene               | 0.0800                | 0.0831              | 104           | 49.0-120         |               |
| Indeno(1,2,3-cd)pyrene | 0.0800                | 0.0703              | 87.9          | 46.0-125         |               |
| 1-Methylnaphthalene    | 0.0800                | 0.0781              | 97.6          | 51.0-121         |               |
| 2-Methylnaphthalene    | 0.0800                | 0.0722              | 90.3          | 50.0-120         |               |
| Naphthalene            | 0.0800                | 0.0716              | 89.5          | 50.0-120         |               |
| Pyrene                 | 0.0800                | 0.0807              | 101           | 43.0-123         |               |

Laboratory Control Sample (LCS)

(LCS) R4075657-1 05/31/24 01:34

| Analyte              | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | <u>LCS Qualifier</u> |
|----------------------|-----------------------|---------------------|---------------|------------------|----------------------|
| (S) p-Terphenyl-d14  |                       |                     | 88.5          | 23.0-120         |                      |
| (S) Nitrobenzene-d5  |                       |                     | 86.6          | 14.0-149         |                      |
| (S) 2-Fluorobiphenyl |                       |                     | 91.6          | 34.0-125         |                      |

<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) R4076628-2 06/01/24 12:33

| Analyte                | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|------------------------|--------------------|--------------|-----------------|-----------------|
| Acenaphthene           | U                  |              | 0.00209         | 0.00600         |
| Anthracene             | U                  |              | 0.00230         | 0.00600         |
| Benzo(a)anthracene     | U                  |              | 0.00173         | 0.00600         |
| Benzo(b)fluoranthene   | U                  |              | 0.00153         | 0.00600         |
| Benzo(k)fluoranthene   | U                  |              | 0.00215         | 0.00600         |
| Benzo(a)pyrene         | U                  |              | 0.00179         | 0.00600         |
| Chrysene               | U                  |              | 0.00232         | 0.00600         |
| Dibenz(a,h)anthracene  | U                  |              | 0.00172         | 0.00600         |
| Fluoranthene           | U                  |              | 0.00227         | 0.00600         |
| Fluorene               | U                  |              | 0.00205         | 0.00600         |
| Indeno(1,2,3-cd)pyrene | U                  |              | 0.00181         | 0.00600         |
| 1-Methylnaphthalene    | U                  |              | 0.00449         | 0.0200          |
| 2-Methylnaphthalene    | U                  |              | 0.00427         | 0.0200          |
| Naphthalene            | U                  |              | 0.00408         | 0.0200          |
| Pyrene                 | U                  |              | 0.00200         | 0.00600         |
| (S) p-Terphenyl-d14    | 89.4               |              |                 | 23.0-120        |
| (S) Nitrobenzene-d5    | 79.3               |              |                 | 14.0-149        |
| (S) 2-Fluorobiphenyl   | 85.6               |              |                 | 34.0-125        |

<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

Laboratory Control Sample (LCS)

(LCS) R4076628-1 06/01/24 12:13

| Analyte                | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|------------------------|-----------------------|---------------------|---------------|------------------|---------------|
| Acenaphthene           | 0.0800                | 0.0672              | 84.0          | 50.0-120         |               |
| Anthracene             | 0.0800                | 0.0634              | 79.3          | 50.0-126         |               |
| Benzo(a)anthracene     | 0.0800                | 0.0671              | 83.9          | 45.0-120         |               |
| Benzo(b)fluoranthene   | 0.0800                | 0.0762              | 95.3          | 42.0-121         |               |
| Benzo(k)fluoranthene   | 0.0800                | 0.0732              | 91.5          | 49.0-125         |               |
| Benzo(a)pyrene         | 0.0800                | 0.0612              | 76.5          | 42.0-120         |               |
| Chrysene               | 0.0800                | 0.0653              | 81.6          | 49.0-122         |               |
| Dibenz(a,h)anthracene  | 0.0800                | 0.0730              | 91.3          | 47.0-125         |               |
| Fluoranthene           | 0.0800                | 0.0731              | 91.4          | 49.0-129         |               |
| Fluorene               | 0.0800                | 0.0738              | 92.3          | 49.0-120         |               |
| Indeno(1,2,3-cd)pyrene | 0.0800                | 0.0680              | 85.0          | 46.0-125         |               |
| 1-Methylnaphthalene    | 0.0800                | 0.0728              | 91.0          | 51.0-121         |               |
| 2-Methylnaphthalene    | 0.0800                | 0.0710              | 88.8          | 50.0-120         |               |
| Naphthalene            | 0.0800                | 0.0692              | 86.5          | 50.0-120         |               |
| Pyrene                 | 0.0800                | 0.0765              | 95.6          | 43.0-123         |               |

Laboratory Control Sample (LCS)

(LCS) R4076628-1 06/01/24 12:13

| Analyte              | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|----------------------|-----------------------|---------------------|---------------|------------------|---------------|
| (S) p-Terphenyl-d14  |                       |                     | 97.2          | 23.0-120         |               |
| (S) Nitrobenzene-d5  |                       |                     | 89.1          | 14.0-149         |               |
| (S) 2-Fluorobiphenyl |                       |                     | 92.8          | 34.0-125         |               |

L1739188-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1739188-10 06/01/24 12:52 • (MS) R4076628-3 06/01/24 13:12 • (MSD) R4076628-4 06/01/24 13:31

| Analyte                | Spike Amount<br>mg/kg | Original Result<br>mg/kg | MS Result<br>mg/kg | MSD Result<br>mg/kg | MS Rec.<br>% | MSD Rec.<br>% | Dilution | Rec. Limits<br>% | MS Qualifier | MSD Qualifier | RPD<br>% | RPD Limits<br>% |
|------------------------|-----------------------|--------------------------|--------------------|---------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| Acenaphthene           | 0.0784                | U                        | 0.0652             | 0.0599              | 83.2         | 76.8          | 1        | 14.0-127         |              |               | 8.47     | 27              |
| Anthracene             | 0.0784                | U                        | 0.0623             | 0.0569              | 79.5         | 72.9          | 1        | 10.0-145         |              |               | 9.06     | 30              |
| Benzo(a)anthracene     | 0.0784                | U                        | 0.0665             | 0.0593              | 84.8         | 76.0          | 1        | 10.0-139         |              |               | 11.4     | 30              |
| Benzo(b)fluoranthene   | 0.0784                | U                        | 0.0707             | 0.0622              | 90.2         | 79.7          | 1        | 10.0-140         |              |               | 12.8     | 36              |
| Benzo(k)fluoranthene   | 0.0784                | U                        | 0.0665             | 0.0591              | 84.8         | 75.8          | 1        | 10.0-137         |              |               | 11.8     | 31              |
| Benzo(a)pyrene         | 0.0784                | U                        | 0.0657             | 0.0584              | 83.8         | 74.9          | 1        | 10.0-141         |              |               | 11.8     | 31              |
| Chrysene               | 0.0784                | U                        | 0.0653             | 0.0573              | 83.3         | 73.5          | 1        | 10.0-145         |              |               | 13.1     | 30              |
| Dibenz(a,h)anthracene  | 0.0784                | U                        | 0.0689             | 0.0607              | 87.9         | 77.8          | 1        | 10.0-132         |              |               | 12.7     | 31              |
| Fluoranthene           | 0.0784                | U                        | 0.0726             | 0.0660              | 92.6         | 84.6          | 1        | 10.0-153         |              |               | 9.52     | 33              |
| Fluorene               | 0.0784                | U                        | 0.0739             | 0.0664              | 94.3         | 85.1          | 1        | 11.0-130         |              |               | 10.7     | 29              |
| Indeno(1,2,3-cd)pyrene | 0.0784                | U                        | 0.0677             | 0.0597              | 86.4         | 76.5          | 1        | 10.0-137         |              |               | 12.6     | 32              |
| 1-Methylnaphthalene    | 0.0784                | U                        | 0.0713             | 0.0646              | 90.9         | 82.8          | 1        | 10.0-142         |              |               | 9.86     | 28              |
| 2-Methylnaphthalene    | 0.0784                | U                        | 0.0685             | 0.0628              | 87.4         | 80.5          | 1        | 10.0-137         |              |               | 8.68     | 28              |
| Naphthalene            | 0.0784                | U                        | 0.0663             | 0.0602              | 84.6         | 77.2          | 1        | 10.0-135         |              |               | 9.64     | 27              |
| Pyrene                 | 0.0784                | 0.00213                  | 0.0729             | 0.0661              | 90.3         | 82.0          | 1        | 10.0-148         |              |               | 9.78     | 35              |
| (S) p-Terphenyl-d14    |                       |                          |                    |                     | 83.8         | 75.0          |          | 23.0-120         |              |               |          |                 |
| (S) Nitrobenzene-d5    |                       |                          |                    |                     | 85.3         | 77.2          |          | 14.0-149         |              |               |          |                 |
| (S) 2-Fluorobiphenyl   |                       |                          |                    |                     | 87.0         | 78.5          |          | 34.0-125         |              |               |          |                 |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 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.

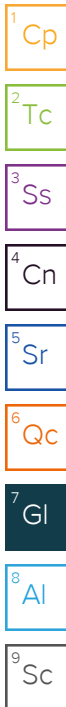
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location.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

### Abbreviations and Definitions

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

### Qualifier Description

|    |   |
|----|---|
| 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.              |
| J6 | The sample matrix interfered with the ability to make any accurate determination; spike value is low. |
| J7 | Surrogate recovery cannot be used for control limit evaluation due to dilution.                       |
| T8 | Sample(s) received past/too close to holding time expiration.   |
| V  | The sample concentration is too high to evaluate accurate spike recoveries.                           |



# 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.

<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







**Civitas - CO**

Sample Delivery Group: L1748337  
Samples Received: 06/19/2024  
Project Number:  
Description: State Bierdstadt 4-65 35-34 2AH

Report To: Sam Vogt / Jacob Evans  
6855 W. 118th Ave  
Broomfield, CO 80020

Entire Report Reviewed By:



Chris Ward  
Project Manager

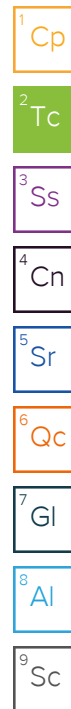
Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory 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

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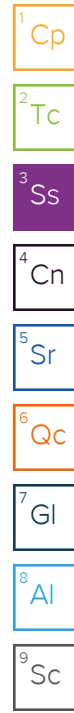
# SAMPLE SUMMARY

## CS-N01 L1748337-01 Solid

Collected by  
Collected date/time  
Received date/time

06/15/24 11:04      06/19/24 09:00

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results  | WG2310850 | 1        | 06/26/24 13:14        | 06/26/24 13:14     | DJS     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199                                | WG2308552 | 1        | 06/24/24 12:04        | 06/25/24 05:01     | VSS     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D                               | WG2312548 | 1        | 06/26/24 12:16        | 06/26/24 12:30     | KA      | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod                            | WG2312547 | 1        | 06/26/24 12:11        | 06/26/24 14:00     | BJM     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2                     | WG2311680 | 1        | 06/25/24 14:35        | 06/25/24 23:45     | DJS     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020                               | WG2309482 | 5        | 06/22/24 07:52        | 06/23/24 13:44     | SJM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO         | WG2310011 | 1.01     | 06/20/24 21:39        | 06/22/24 03:42     | JHH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B          | WG2309879 | 1        | 06/20/24 21:39        | 06/21/24 19:26     | JAH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015M        | WG2311247 | 1        | 06/24/24 21:30        | 06/25/24 10:09     | JAS     | Mt. Juliet, TN |
| Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM | WG2310075 | 1        | 06/22/24 07:58        | 06/23/24 03:39     | JCH     | Mt. Juliet, TN |



## CS-N02 L1748337-02 Solid

Collected by  
Collected date/time  
Received date/time

06/15/24 10:27      06/19/24 09:00

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results  | WG2311748 | 1        | 06/27/24 11:42        | 06/27/24 11:42     | DJS     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199                                | WG2308552 | 1        | 06/24/24 12:04        | 06/25/24 05:17     | VSS     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D                               | WG2313365 | 1        | 06/27/24 12:06        | 06/27/24 15:15     | KRB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod                            | WG2313370 | 1        | 06/27/24 12:15        | 06/27/24 14:35     | BJM     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2                     | WG2311753 | 1        | 06/26/24 10:49        | 06/26/24 17:19     | ZSA     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020                               | WG2309482 | 5        | 06/22/24 07:52        | 06/23/24 13:47     | SJM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO         | WG2310011 | 1        | 06/20/24 21:39        | 06/22/24 04:05     | JHH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B          | WG2309879 | 1        | 06/20/24 21:39        | 06/21/24 19:45     | JAH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015M        | WG2311247 | 1        | 06/24/24 21:30        | 06/25/24 10:46     | JAS     | Mt. Juliet, TN |
| Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM | WG2310075 | 1        | 06/22/24 07:58        | 06/23/24 03:57     | JCH     | Mt. Juliet, TN |

## CS-N03 L1748337-03 Solid

Collected by  
Collected date/time  
Received date/time

06/15/24 10:46      06/19/24 09:00

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results  | WG2311748 | 1        | 06/27/24 11:44        | 06/27/24 11:44     | DJS     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199                                | WG2308552 | 1        | 06/24/24 12:04        | 06/25/24 05:25     | VSS     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D                               | WG2313365 | 1        | 06/27/24 12:06        | 06/27/24 15:15     | KRB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod                            | WG2313370 | 1        | 06/27/24 12:15        | 06/27/24 14:35     | BJM     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2                     | WG2311753 | 1        | 06/26/24 10:49        | 06/26/24 17:20     | ZSA     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020                               | WG2309482 | 5        | 06/22/24 07:52        | 06/23/24 13:50     | SJM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO         | WG2310011 | 1        | 06/20/24 21:39        | 06/22/24 04:29     | JHH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B          | WG2309879 | 1.01     | 06/20/24 21:39        | 06/21/24 20:04     | JAH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015M        | WG2311247 | 1        | 06/24/24 21:30        | 06/25/24 09:44     | JAS     | Mt. Juliet, TN |
| Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM | WG2310075 | 1        | 06/22/24 07:58        | 06/23/24 04:14     | JCH     | Mt. Juliet, TN |

## CS-S01 L1748337-04 Solid

Collected by  
Collected date/time  
Received date/time

06/15/24 11:12      06/19/24 09:00

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results                                  | WG2310850 | 1        | 06/26/24 13:16        | 06/26/24 13:16     | DJS     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199                        | WG2308552 | 1        | 06/24/24 12:04        | 06/25/24 05:56     | VSS     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D                       | WG2312548 | 1        | 06/26/24 12:16        | 06/26/24 12:30     | KA      | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod                    | WG2312547 | 1        | 06/26/24 12:11        | 06/26/24 14:00     | BJM     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2             | WG2311680 | 1        | 06/25/24 14:35        | 06/25/24 23:47     | DJS     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020                       | WG2309482 | 5        | 06/22/24 07:52        | 06/23/24 13:54     | SJM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG2310011 | 1.01     | 06/20/24 21:39        | 06/22/24 04:57     | JHH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG2309879 | 1        | 06/20/24 21:39        | 06/21/24 20:23     | JAH     | Mt. Juliet, TN |

# SAMPLE SUMMARY

## CS-S01 L1748337-04 Solid

Collected by  
Collected date/time  
Received date/time

06/15/24 11:12      06/19/24 09:00

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Semi-Volatile Organic Compounds (GC) by Method 8015M        | WG2311247 | 1        | 06/24/24 21:30        | 06/25/24 09:57     | JAS     | Mt. Juliet, TN |
| Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM | WG2310075 | 1        | 06/22/24 07:58        | 06/23/24 04:31     | JCH     | Mt. Juliet, TN |

1  
Cp

2  
Tc

3  
Ss

4  
Cn

5  
Sr

6  
Qc

7  
Gl

8  
Al

9  
Sc

## CS-S02 L1748337-05 Solid

Collected by  
Collected date/time  
Received date/time

06/15/24 10:34      06/19/24 09:00

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results  | WG2310850 | 1        | 06/26/24 13:18        | 06/26/24 13:18     | DJS     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199                                | WG2308555 | 1        | 06/24/24 01:17        | 06/24/24 09:06     | EKB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D                               | WG2312548 | 1        | 06/26/24 12:16        | 06/26/24 12:30     | KA      | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod                            | WG2312547 | 1        | 06/26/24 12:11        | 06/26/24 14:00     | BJM     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2                     | WG2311680 | 1        | 06/25/24 14:35        | 06/25/24 23:49     | DJS     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020                               | WG2309482 | 5        | 06/22/24 07:52        | 06/23/24 13:57     | SJM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO         | WG2310011 | 1.01     | 06/20/24 21:39        | 06/22/24 05:24     | JHH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B          | WG2309938 | 1.01     | 06/20/24 21:39        | 06/21/24 22:50     | JAH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015M        | WG2311247 | 1        | 06/24/24 21:30        | 06/25/24 10:09     | JAS     | Mt. Juliet, TN |
| Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM | WG2310075 | 1        | 06/22/24 07:58        | 06/22/24 20:34     | DSH     | Mt. Juliet, TN |

## CS-S03 L1748337-06 Solid

Collected by  
Collected date/time  
Received date/time

06/15/24 10:41      06/19/24 09:00

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results  | WG2310850 | 1        | 06/26/24 13:20        | 06/26/24 13:20     | DJS     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199                                | WG2308555 | 1        | 06/24/24 01:17        | 06/24/24 09:46     | EKB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D                               | WG2312548 | 1        | 06/26/24 12:16        | 06/26/24 12:30     | KA      | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod                            | WG2312547 | 1        | 06/26/24 12:11        | 06/26/24 14:00     | BJM     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2                     | WG2311680 | 1        | 06/25/24 14:35        | 06/25/24 23:51     | DJS     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020                               | WG2309482 | 5        | 06/22/24 07:52        | 06/23/24 14:00     | SJM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO         | WG2310011 | 1.01     | 06/20/24 21:39        | 06/22/24 06:35     | JHH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B          | WG2309938 | 1        | 06/20/24 21:39        | 06/21/24 23:09     | JAH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015M        | WG2311247 | 1        | 06/24/24 21:30        | 06/25/24 10:21     | JAS     | Mt. Juliet, TN |
| Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM | WG2310075 | 1        | 06/22/24 07:58        | 06/22/24 20:51     | DSH     | Mt. Juliet, TN |

## CS-FS01 L1748337-07 Solid

Collected by  
Collected date/time  
Received date/time

06/15/24 10:10      06/19/24 09:00

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results  | WG2310850 | 1        | 06/26/24 13:22        | 06/26/24 13:22     | DJS     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199                                | WG2308555 | 1        | 06/24/24 01:17        | 06/24/24 09:54     | EKB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D                               | WG2312548 | 1        | 06/26/24 12:16        | 06/26/24 12:30     | KA      | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod                            | WG2312547 | 1        | 06/26/24 12:11        | 06/26/24 14:00     | BJM     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2                     | WG2311680 | 1        | 06/25/24 14:35        | 06/25/24 23:53     | DJS     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020                               | WG2309482 | 5        | 06/22/24 07:52        | 06/23/24 14:04     | SJM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO         | WG2310011 | 1        | 06/20/24 21:39        | 06/22/24 06:59     | JHH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B          | WG2309938 | 1        | 06/20/24 21:39        | 06/21/24 23:28     | JAH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015M        | WG2311247 | 1        | 06/24/24 21:30        | 06/25/24 10:34     | JAS     | Mt. Juliet, TN |
| Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM | WG2310075 | 1        | 06/22/24 07:58        | 06/22/24 21:09     | DSH     | Mt. Juliet, TN |

# SAMPLE SUMMARY

## CS-FS02 L1748337-08 Solid

Collected by  
Collected date/time  
Received date/time

06/15/24 10:15      06/19/24 09:00

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results  | WG2311748 | 1        | 06/27/24 11:45        | 06/27/24 11:45     | DJS     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199                                | WG2308555 | 1        | 06/24/24 01:17        | 06/24/24 11:59     | EKB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D                               | WG2313365 | 1        | 06/27/24 12:06        | 06/27/24 15:15     | KRB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod                            | WG2313370 | 1        | 06/27/24 12:15        | 06/27/24 14:35     | BJM     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2                     | WG2311753 | 1        | 06/26/24 10:49        | 06/26/24 17:22     | ZSA     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020                               | WG2309482 | 5        | 06/22/24 07:52        | 06/23/24 14:18     | SJM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO         | WG2310011 | 1        | 06/20/24 21:39        | 06/22/24 07:23     | JHH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B          | WG2309938 | 1.01     | 06/20/24 21:39        | 06/21/24 23:47     | JAH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015M        | WG2310460 | 1        | 06/23/24 09:17        | 06/23/24 23:41     | JSS     | Mt. Juliet, TN |
| Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM | WG2310075 | 1        | 06/22/24 07:58        | 06/22/24 21:27     | DSH     | Mt. Juliet, TN |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

## CS-W01 L1748337-09 Solid

Collected by  
Collected date/time  
Received date/time

06/15/24 10:51      06/19/24 09:00

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results  | WG2311748 | 1        | 06/27/24 11:47        | 06/27/24 11:47     | DJS     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199                                | WG2308555 | 1        | 06/24/24 01:17        | 06/24/24 12:07     | EKB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D                               | WG2313365 | 1        | 06/27/24 12:06        | 06/27/24 15:15     | KRB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod                            | WG2313370 | 1        | 06/27/24 12:15        | 06/27/24 14:35     | BJM     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2                     | WG2311753 | 1        | 06/26/24 10:49        | 06/26/24 17:24     | ZSA     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020                               | WG2309482 | 5        | 06/22/24 07:52        | 06/23/24 14:21     | SJM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO         | WG2310011 | 1.01     | 06/20/24 21:39        | 06/22/24 07:46     | JHH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B          | WG2309938 | 1        | 06/20/24 21:39        | 06/22/24 00:07     | JAH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015M        | WG2310460 | 1        | 06/23/24 09:17        | 06/23/24 23:15     | JSS     | Mt. Juliet, TN |
| Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM | WG2310075 | 1        | 06/22/24 07:58        | 06/22/24 21:44     | DSH     | Mt. Juliet, TN |

7 Gl

8 Al

9 Sc

## CS-E01 L1748337-10 Solid

Collected by  
Collected date/time  
Received date/time

06/15/24 10:58      06/19/24 09:00

| Method  | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|---|-----------|----------|-----------------------|--------------------|---------|----------------|
| Calculated Results  | WG2310850 | 1        | 06/26/24 13:24        | 06/26/24 13:24     | DJS     | Mt. Juliet, TN |
| Wet Chemistry by Method 7199                                | WG2308555 | 1        | 06/24/24 01:17        | 06/24/24 12:15     | EKB     | Mt. Juliet, TN |
| Wet Chemistry by Method 9045D                               | WG2312548 | 1        | 06/26/24 12:16        | 06/26/24 12:30     | KA      | Mt. Juliet, TN |
| Wet Chemistry by Method 9050AMod                            | WG2312547 | 1        | 06/26/24 12:11        | 06/26/24 14:00     | BJM     | Mt. Juliet, TN |
| Metals (ICP) by Method 6010B-NE493 Ch 2                     | WG2311680 | 1        | 06/25/24 14:35        | 06/25/24 23:55     | DJS     | Mt. Juliet, TN |
| Metals (ICPMS) by Method 6020                               | WG2309482 | 5        | 06/22/24 07:52        | 06/23/24 14:25     | SJM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015D/GRO         | WG2310011 | 1        | 06/20/24 21:39        | 06/22/24 08:09     | JHH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B          | WG2309938 | 1.01     | 06/20/24 21:39        | 06/22/24 00:26     | JAH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015M        | WG2310460 | 1        | 06/23/24 09:17        | 06/23/24 23:28     | JSS     | Mt. Juliet, TN |
| Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM | WG2310075 | 1        | 06/22/24 07:58        | 06/22/24 22:02     | DSH     | Mt. Juliet, TN |

# 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

<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

Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 2.29   |           | 1        | 06/26/2024 13:14     | WG2310850 |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Hexavalent Chromium | U            |           | 0.255     | 1.00      | 1        | 06/25/2024 05:01     | <a href="#">WG2308552</a> |

- 5 Sr
- 6 Qc

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch                     |
|---------|-----------|-----------|----------|----------------------|---------------------------|
| pH      | 7.99      | <u>T8</u> | 1        | 06/26/2024 12:30     | <a href="#">WG2312548</a> |

Sample Narrative:

L1748337-01 WG2312548: 7.99 at 22.7C

- 7 Gl
- 8 Al

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch                     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|---------------------------|
| Specific Conductance | 1130            |           | 10.0         | 1        | 06/26/2024 14:00     | <a href="#">WG2312547</a> |

Sample Narrative:

L1748337-01 WG2312547: at 25C

- 9 Sc

Metals (ICP) by Method 6010B-NE493 Ch 2

| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch                     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|---------------------------|
| Hot Water Sol. Boron | 0.736       |           | 0.0167   | 0.200    | 1        | 06/25/2024 23:45     | <a href="#">WG2311680</a> |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Arsenic  | 8.04         |           | 0.100     | 1.00      | 5        | 06/23/2024 13:44     | <a href="#">WG2309482</a> |
| Barium   | 406          |           | 0.152     | 2.50      | 5        | 06/23/2024 13:44     | <a href="#">WG2309482</a> |
| Cadmium  | 0.105        | <u>J</u>  | 0.0855    | 1.00      | 5        | 06/23/2024 13:44     | <a href="#">WG2309482</a> |
| Copper   | 10.6         |           | 0.132     | 5.00      | 5        | 06/23/2024 13:44     | <a href="#">WG2309482</a> |
| Lead     | 10.8         |           | 0.0990    | 2.00      | 5        | 06/23/2024 13:44     | <a href="#">WG2309482</a> |
| Nickel   | 8.69         |           | 0.197     | 2.50      | 5        | 06/23/2024 13:44     | <a href="#">WG2309482</a> |
| Selenium | 0.499        | <u>J</u>  | 0.180     | 2.50      | 5        | 06/23/2024 13:44     | <a href="#">WG2309482</a> |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/23/2024 13:44     | <a href="#">WG2309482</a> |
| Zinc     | 41.9         |           | 0.740     | 25.0      | 5        | 06/23/2024 13:44     | <a href="#">WG2309482</a> |

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                            | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|------------------------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction          | 0.0227       | <u>J</u>  | 0.0219    | 0.101     | 1.01     | 06/22/2024 03:42     | <a href="#">WG2310011</a> |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 88.1         |           |           | 77.0-120  |          | 06/22/2024 03:42     | <a href="#">WG2310011</a> |

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

| Analyte                   | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | U               |           | 0.000467     | 0.00100      | 1        | 06/21/2024 19:26        | <a href="#">WG2309879</a> |
| Toluene                   | U               |           | 0.00130      | 0.00500      | 1        | 06/21/2024 19:26        | <a href="#">WG2309879</a> |
| Ethylbenzene              | U               |           | 0.000737     | 0.00250      | 1        | 06/21/2024 19:26        | <a href="#">WG2309879</a> |
| Xylenes, Total            | U               |           | 0.000880     | 0.00650      | 1        | 06/21/2024 19:26        | <a href="#">WG2309879</a> |
| 1,2,4-Trimethylbenzene    | U               |           | 0.00158      | 0.00500      | 1        | 06/21/2024 19:26        | <a href="#">WG2309879</a> |
| 1,3,5-Trimethylbenzene    | U               |           | 0.00200      | 0.00500      | 1        | 06/21/2024 19:26        | <a href="#">WG2309879</a> |
| (S) Toluene-d8            | 96.2            |           |              | 75.0-131     |          | 06/21/2024 19:26        | <a href="#">WG2309879</a> |
| (S) 4-Bromofluorobenzene  | 98.4            |           |              | 67.0-138     |          | 06/21/2024 19:26        | <a href="#">WG2309879</a> |
| (S) 1,2-Dichloroethane-d4 | 101             |           |              | 70.0-130     |          | 06/21/2024 19:26        | <a href="#">WG2309879</a> |

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

Semi-Volatile Organic Compounds (GC) by Method 8015M

| Analyte                 | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| C10-C28 Diesel Range    | U               |           | 1.61         | 4.00         | 1        | 06/25/2024 10:09        | <a href="#">WG2311247</a> |
| C28-C36 Motor Oil Range | U               |           | 0.274        | 4.00         | 1        | 06/25/2024 10:09        | <a href="#">WG2311247</a> |
| (S) o-Terphenyl         | 63.7            |           |              | 18.0-148     |          | 06/25/2024 10:09        | <a href="#">WG2311247</a> |

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

| Analyte                | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Acenaphthene           | U               |           | 0.00209      | 0.00600      | 1        | 06/23/2024 03:39        | <a href="#">WG2310075</a> |
| Anthracene             | U               |           | 0.00230      | 0.00600      | 1        | 06/23/2024 03:39        | <a href="#">WG2310075</a> |
| Benzo(a)anthracene     | U               |           | 0.00173      | 0.00600      | 1        | 06/23/2024 03:39        | <a href="#">WG2310075</a> |
| Benzo(b)fluoranthene   | U               |           | 0.00153      | 0.00600      | 1        | 06/23/2024 03:39        | <a href="#">WG2310075</a> |
| Benzo(k)fluoranthene   | U               |           | 0.00215      | 0.00600      | 1        | 06/23/2024 03:39        | <a href="#">WG2310075</a> |
| Benzo(a)pyrene         | U               |           | 0.00179      | 0.00600      | 1        | 06/23/2024 03:39        | <a href="#">WG2310075</a> |
| Chrysene               | U               |           | 0.00232      | 0.00600      | 1        | 06/23/2024 03:39        | <a href="#">WG2310075</a> |
| Dibenz(a,h)anthracene  | U               |           | 0.00172      | 0.00600      | 1        | 06/23/2024 03:39        | <a href="#">WG2310075</a> |
| Fluoranthene           | U               |           | 0.00227      | 0.00600      | 1        | 06/23/2024 03:39        | <a href="#">WG2310075</a> |
| Fluorene               | U               |           | 0.00205      | 0.00600      | 1        | 06/23/2024 03:39        | <a href="#">WG2310075</a> |
| Indeno(1,2,3-cd)pyrene | U               |           | 0.00181      | 0.00600      | 1        | 06/23/2024 03:39        | <a href="#">WG2310075</a> |
| 1-Methylnaphthalene    | U               |           | 0.00449      | 0.0200       | 1        | 06/23/2024 03:39        | <a href="#">WG2310075</a> |
| 2-Methylnaphthalene    | U               |           | 0.00427      | 0.0200       | 1        | 06/23/2024 03:39        | <a href="#">WG2310075</a> |
| Naphthalene            | U               |           | 0.00408      | 0.0200       | 1        | 06/23/2024 03:39        | <a href="#">WG2310075</a> |
| Pyrene                 | U               |           | 0.00200      | 0.00600      | 1        | 06/23/2024 03:39        | <a href="#">WG2310075</a> |
| (S) p-Terphenyl-d14    | 68.6            |           |              | 23.0-120     |          | 06/23/2024 03:39        | <a href="#">WG2310075</a> |
| (S) Nitrobenzene-d5    | 89.6            |           |              | 14.0-149     |          | 06/23/2024 03:39        | <a href="#">WG2310075</a> |
| (S) 2-Fluorobiphenyl   | 79.6            |           |              | 34.0-125     |          | 06/23/2024 03:39        | <a href="#">WG2310075</a> |

Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 2.08   |           | 1        | 06/27/2024 11:42     | WG2311748 |

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Hexavalent Chromium | U            |           | 0.255     | 1.00      | 1        | 06/25/2024 05:17     | <a href="#">WG2308552</a> |

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch                     |
|---------|-----------|-----------|----------|----------------------|---------------------------|
| pH      | 8.21      | <u>T8</u> | 1        | 06/27/2024 15:15     | <a href="#">WG2313365</a> |

Sample Narrative:

L1748337-02 WG2313365: 8.21 at 22.4C

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch                     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|---------------------------|
| Specific Conductance | 1230            |           | 10.0         | 1        | 06/27/2024 14:35     | <a href="#">WG2313370</a> |

Sample Narrative:

L1748337-02 WG2313370: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

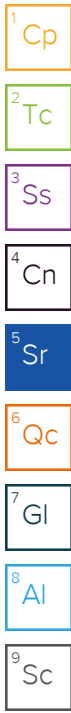
| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch                     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|---------------------------|
| Hot Water Sol. Boron | 0.633       |           | 0.0167   | 0.200    | 1        | 06/26/2024 17:19     | <a href="#">WG2311753</a> |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Arsenic  | 2.18         |           | 0.100     | 1.00      | 5        | 06/23/2024 13:47     | <a href="#">WG2309482</a> |
| Barium   | 166          |           | 0.152     | 2.50      | 5        | 06/23/2024 13:47     | <a href="#">WG2309482</a> |
| Cadmium  | 0.0914       | <u>J</u>  | 0.0855    | 1.00      | 5        | 06/23/2024 13:47     | <a href="#">WG2309482</a> |
| Copper   | 8.24         |           | 0.132     | 5.00      | 5        | 06/23/2024 13:47     | <a href="#">WG2309482</a> |
| Lead     | 9.25         |           | 0.0990    | 2.00      | 5        | 06/23/2024 13:47     | <a href="#">WG2309482</a> |
| Nickel   | 6.44         |           | 0.197     | 2.50      | 5        | 06/23/2024 13:47     | <a href="#">WG2309482</a> |
| Selenium | 0.292        | <u>J</u>  | 0.180     | 2.50      | 5        | 06/23/2024 13:47     | <a href="#">WG2309482</a> |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/23/2024 13:47     | <a href="#">WG2309482</a> |
| Zinc     | 33.2         |           | 0.740     | 25.0      | 5        | 06/23/2024 13:47     | <a href="#">WG2309482</a> |

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                            | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|------------------------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction          | 0.0240       | <u>J</u>  | 0.0217    | 0.100     | 1        | 06/22/2024 04:05     | <a href="#">WG2310011</a> |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 87.9         |           |           | 77.0-120  |          | 06/22/2024 04:05     | <a href="#">WG2310011</a> |



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

| Analyte                   | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | U               |           | 0.000467     | 0.00100      | 1        | 06/21/2024 19:45        | <a href="#">WG2309879</a> |
| Toluene                   | U               |           | 0.00130      | 0.00500      | 1        | 06/21/2024 19:45        | <a href="#">WG2309879</a> |
| Ethylbenzene              | U               |           | 0.000737     | 0.00250      | 1        | 06/21/2024 19:45        | <a href="#">WG2309879</a> |
| Xylenes, Total            | U               |           | 0.000880     | 0.00650      | 1        | 06/21/2024 19:45        | <a href="#">WG2309879</a> |
| 1,2,4-Trimethylbenzene    | U               |           | 0.00158      | 0.00500      | 1        | 06/21/2024 19:45        | <a href="#">WG2309879</a> |
| 1,3,5-Trimethylbenzene    | U               |           | 0.00200      | 0.00500      | 1        | 06/21/2024 19:45        | <a href="#">WG2309879</a> |
| (S) Toluene-d8            | 105             |           |              | 75.0-131     |          | 06/21/2024 19:45        | <a href="#">WG2309879</a> |
| (S) 4-Bromofluorobenzene  | 107             |           |              | 67.0-138     |          | 06/21/2024 19:45        | <a href="#">WG2309879</a> |
| (S) 1,2-Dichloroethane-d4 | 94.6            |           |              | 70.0-130     |          | 06/21/2024 19:45        | <a href="#">WG2309879</a> |

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

Semi-Volatile Organic Compounds (GC) by Method 8015M

| Analyte                 | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| C10-C28 Diesel Range    | U               |           | 1.61         | 4.00         | 1        | 06/25/2024 10:46        | <a href="#">WG2311247</a> |
| C28-C36 Motor Oil Range | U               |           | 0.274        | 4.00         | 1        | 06/25/2024 10:46        | <a href="#">WG2311247</a> |
| (S) o-Terphenyl         | 54.5            |           |              | 18.0-148     |          | 06/25/2024 10:46        | <a href="#">WG2311247</a> |

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

| Analyte                | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Acenaphthene           | U               |           | 0.00209      | 0.00600      | 1        | 06/23/2024 03:57        | <a href="#">WG2310075</a> |
| Anthracene             | U               |           | 0.00230      | 0.00600      | 1        | 06/23/2024 03:57        | <a href="#">WG2310075</a> |
| Benzo(a)anthracene     | U               |           | 0.00173      | 0.00600      | 1        | 06/23/2024 03:57        | <a href="#">WG2310075</a> |
| Benzo(b)fluoranthene   | U               |           | 0.00153      | 0.00600      | 1        | 06/23/2024 03:57        | <a href="#">WG2310075</a> |
| Benzo(k)fluoranthene   | U               |           | 0.00215      | 0.00600      | 1        | 06/23/2024 03:57        | <a href="#">WG2310075</a> |
| Benzo(a)pyrene         | U               |           | 0.00179      | 0.00600      | 1        | 06/23/2024 03:57        | <a href="#">WG2310075</a> |
| Chrysene               | U               |           | 0.00232      | 0.00600      | 1        | 06/23/2024 03:57        | <a href="#">WG2310075</a> |
| Dibenz(a,h)anthracene  | U               |           | 0.00172      | 0.00600      | 1        | 06/23/2024 03:57        | <a href="#">WG2310075</a> |
| Fluoranthene           | U               |           | 0.00227      | 0.00600      | 1        | 06/23/2024 03:57        | <a href="#">WG2310075</a> |
| Fluorene               | U               |           | 0.00205      | 0.00600      | 1        | 06/23/2024 03:57        | <a href="#">WG2310075</a> |
| Indeno(1,2,3-cd)pyrene | U               |           | 0.00181      | 0.00600      | 1        | 06/23/2024 03:57        | <a href="#">WG2310075</a> |
| 1-Methylnaphthalene    | U               |           | 0.00449      | 0.0200       | 1        | 06/23/2024 03:57        | <a href="#">WG2310075</a> |
| 2-Methylnaphthalene    | U               |           | 0.00427      | 0.0200       | 1        | 06/23/2024 03:57        | <a href="#">WG2310075</a> |
| Naphthalene            | U               |           | 0.00408      | 0.0200       | 1        | 06/23/2024 03:57        | <a href="#">WG2310075</a> |
| Pyrene                 | U               |           | 0.00200      | 0.00600      | 1        | 06/23/2024 03:57        | <a href="#">WG2310075</a> |
| (S) p-Terphenyl-d14    | 75.0            |           |              | 23.0-120     |          | 06/23/2024 03:57        | <a href="#">WG2310075</a> |
| (S) Nitrobenzene-d5    | 144             |           |              | 14.0-149     |          | 06/23/2024 03:57        | <a href="#">WG2310075</a> |
| (S) 2-Fluorobiphenyl   | 81.0            |           |              | 34.0-125     |          | 06/23/2024 03:57        | <a href="#">WG2310075</a> |

Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 2.63   |           | 1        | 06/27/2024 11:44     | WG2311748 |

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Hexavalent Chromium | U            |           | 0.255     | 1.00      | 1        | 06/25/2024 05:25     | <a href="#">WG2308552</a> |

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch                     |
|---------|-----------|-----------|----------|----------------------|---------------------------|
| pH      | 7.96      | <u>T8</u> | 1        | 06/27/2024 15:15     | <a href="#">WG2313365</a> |

Sample Narrative:

L1748337-03 WG2313365: 7.96 at 22.5C

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch                     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|---------------------------|
| Specific Conductance | 747             |           | 10.0         | 1        | 06/27/2024 14:35     | <a href="#">WG2313370</a> |

Sample Narrative:

L1748337-03 WG2313370: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

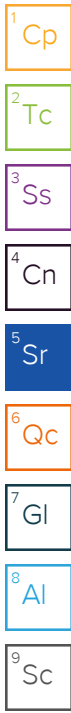
| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch                     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|---------------------------|
| Hot Water Sol. Boron | 0.526       |           | 0.0167   | 0.200    | 1        | 06/26/2024 17:20     | <a href="#">WG2311753</a> |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Arsenic  | 1.76         |           | 0.100     | 1.00      | 5        | 06/23/2024 13:50     | <a href="#">WG2309482</a> |
| Barium   | 53.8         |           | 0.152     | 2.50      | 5        | 06/23/2024 13:50     | <a href="#">WG2309482</a> |
| Cadmium  | U            |           | 0.0855    | 1.00      | 5        | 06/23/2024 13:50     | <a href="#">WG2309482</a> |
| Copper   | 5.50         |           | 0.132     | 5.00      | 5        | 06/23/2024 13:50     | <a href="#">WG2309482</a> |
| Lead     | 5.61         |           | 0.0990    | 2.00      | 5        | 06/23/2024 13:50     | <a href="#">WG2309482</a> |
| Nickel   | 3.87         |           | 0.197     | 2.50      | 5        | 06/23/2024 13:50     | <a href="#">WG2309482</a> |
| Selenium | U            |           | 0.180     | 2.50      | 5        | 06/23/2024 13:50     | <a href="#">WG2309482</a> |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/23/2024 13:50     | <a href="#">WG2309482</a> |
| Zinc     | 23.1         | <u>J</u>  | 0.740     | 25.0      | 5        | 06/23/2024 13:50     | <a href="#">WG2309482</a> |

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                            | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|------------------------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction          | 0.0238       | <u>J</u>  | 0.0217    | 0.100     | 1        | 06/22/2024 04:29     | <a href="#">WG2310011</a> |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 88.2         |           |           | 77.0-120  |          | 06/22/2024 04:29     | <a href="#">WG2310011</a> |



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

| Analyte                   | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | U               |           | 0.000472     | 0.00101      | 1.01     | 06/21/2024 20:04        | <a href="#">WG2309879</a> |
| Toluene                   | U               |           | 0.00131      | 0.00505      | 1.01     | 06/21/2024 20:04        | <a href="#">WG2309879</a> |
| Ethylbenzene              | U               |           | 0.000744     | 0.00253      | 1.01     | 06/21/2024 20:04        | <a href="#">WG2309879</a> |
| Xylenes, Total            | U               |           | 0.000889     | 0.00656      | 1.01     | 06/21/2024 20:04        | <a href="#">WG2309879</a> |
| 1,2,4-Trimethylbenzene    | U               |           | 0.00160      | 0.00505      | 1.01     | 06/21/2024 20:04        | <a href="#">WG2309879</a> |
| 1,3,5-Trimethylbenzene    | U               |           | 0.00202      | 0.00505      | 1.01     | 06/21/2024 20:04        | <a href="#">WG2309879</a> |
| (S) Toluene-d8            | 95.4            |           |              | 75.0-131     |          | 06/21/2024 20:04        | <a href="#">WG2309879</a> |
| (S) 4-Bromofluorobenzene  | 96.6            |           |              | 67.0-138     |          | 06/21/2024 20:04        | <a href="#">WG2309879</a> |
| (S) 1,2-Dichloroethane-d4 | 104             |           |              | 70.0-130     |          | 06/21/2024 20:04        | <a href="#">WG2309879</a> |

Semi-Volatile Organic Compounds (GC) by Method 8015M

| Analyte                 | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| C10-C28 Diesel Range    | U               |           | 1.61         | 4.00         | 1        | 06/25/2024 09:44        | <a href="#">WG2311247</a> |
| C28-C36 Motor Oil Range | 0.653           | J         | 0.274        | 4.00         | 1        | 06/25/2024 09:44        | <a href="#">WG2311247</a> |
| (S) o-Terphenyl         | 65.4            |           |              | 18.0-148     |          | 06/25/2024 09:44        | <a href="#">WG2311247</a> |

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

| Analyte                | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Acenaphthene           | U               |           | 0.00209      | 0.00600      | 1        | 06/23/2024 04:14        | <a href="#">WG2310075</a> |
| Anthracene             | U               |           | 0.00230      | 0.00600      | 1        | 06/23/2024 04:14        | <a href="#">WG2310075</a> |
| Benzo(a)anthracene     | U               |           | 0.00173      | 0.00600      | 1        | 06/23/2024 04:14        | <a href="#">WG2310075</a> |
| Benzo(b)fluoranthene   | U               |           | 0.00153      | 0.00600      | 1        | 06/23/2024 04:14        | <a href="#">WG2310075</a> |
| Benzo(k)fluoranthene   | U               |           | 0.00215      | 0.00600      | 1        | 06/23/2024 04:14        | <a href="#">WG2310075</a> |
| Benzo(a)pyrene         | U               |           | 0.00179      | 0.00600      | 1        | 06/23/2024 04:14        | <a href="#">WG2310075</a> |
| Chrysene               | U               |           | 0.00232      | 0.00600      | 1        | 06/23/2024 04:14        | <a href="#">WG2310075</a> |
| Dibenz(a,h)anthracene  | U               |           | 0.00172      | 0.00600      | 1        | 06/23/2024 04:14        | <a href="#">WG2310075</a> |
| Fluoranthene           | U               |           | 0.00227      | 0.00600      | 1        | 06/23/2024 04:14        | <a href="#">WG2310075</a> |
| Fluorene               | U               |           | 0.00205      | 0.00600      | 1        | 06/23/2024 04:14        | <a href="#">WG2310075</a> |
| Indeno(1,2,3-cd)pyrene | U               |           | 0.00181      | 0.00600      | 1        | 06/23/2024 04:14        | <a href="#">WG2310075</a> |
| 1-Methylnaphthalene    | U               |           | 0.00449      | 0.0200       | 1        | 06/23/2024 04:14        | <a href="#">WG2310075</a> |
| 2-Methylnaphthalene    | U               |           | 0.00427      | 0.0200       | 1        | 06/23/2024 04:14        | <a href="#">WG2310075</a> |
| Naphthalene            | U               |           | 0.00408      | 0.0200       | 1        | 06/23/2024 04:14        | <a href="#">WG2310075</a> |
| Pyrene                 | U               |           | 0.00200      | 0.00600      | 1        | 06/23/2024 04:14        | <a href="#">WG2310075</a> |
| (S) p-Terphenyl-d14    | 97.2            |           |              | 23.0-120     |          | 06/23/2024 04:14        | <a href="#">WG2310075</a> |
| (S) Nitrobenzene-d5    | 100             |           |              | 14.0-149     |          | 06/23/2024 04:14        | <a href="#">WG2310075</a> |
| (S) 2-Fluorobiphenyl   | 89.7            |           |              | 34.0-125     |          | 06/23/2024 04:14        | <a href="#">WG2310075</a> |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 3.04   |           | 1        | 06/26/2024 13:16     | WG2310850 |

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Hexavalent Chromium | U            |           | 0.255     | 1.00      | 1        | 06/25/2024 05:56     | <a href="#">WG2308552</a> |

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch                     |
|---------|-----------|-----------|----------|----------------------|---------------------------|
| pH      | 8.23      | <u>T8</u> | 1        | 06/26/2024 12:30     | <a href="#">WG2312548</a> |

Sample Narrative:

L1748337-04 WG2312548: 8.23 at 22.6C

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch                     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|---------------------------|
| Specific Conductance | 650             |           | 10.0         | 1        | 06/26/2024 14:00     | <a href="#">WG2312547</a> |

Sample Narrative:

L1748337-04 WG2312547: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

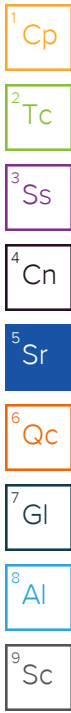
| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch                     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|---------------------------|
| Hot Water Sol. Boron | 0.673       |           | 0.0167   | 0.200    | 1        | 06/25/2024 23:47     | <a href="#">WG2311680</a> |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Arsenic  | 2.59         |           | 0.100     | 1.00      | 5        | 06/23/2024 13:54     | <a href="#">WG2309482</a> |
| Barium   | 199          |           | 0.152     | 2.50      | 5        | 06/23/2024 13:54     | <a href="#">WG2309482</a> |
| Cadmium  | 0.104        | <u>J</u>  | 0.0855    | 1.00      | 5        | 06/23/2024 13:54     | <a href="#">WG2309482</a> |
| Copper   | 9.64         |           | 0.132     | 5.00      | 5        | 06/23/2024 13:54     | <a href="#">WG2309482</a> |
| Lead     | 9.10         |           | 0.0990    | 2.00      | 5        | 06/23/2024 13:54     | <a href="#">WG2309482</a> |
| Nickel   | 8.28         |           | 0.197     | 2.50      | 5        | 06/23/2024 13:54     | <a href="#">WG2309482</a> |
| Selenium | 0.324        | <u>J</u>  | 0.180     | 2.50      | 5        | 06/23/2024 13:54     | <a href="#">WG2309482</a> |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/23/2024 13:54     | <a href="#">WG2309482</a> |
| Zinc     | 37.4         |           | 0.740     | 25.0      | 5        | 06/23/2024 13:54     | <a href="#">WG2309482</a> |

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                            | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|------------------------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction          | 0.0225       | <u>J</u>  | 0.0219    | 0.101     | 1.01     | 06/22/2024 04:57     | <a href="#">WG2310011</a> |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 88.2         |           |           | 77.0-120  |          | 06/22/2024 04:57     | <a href="#">WG2310011</a> |



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

| Analyte                   | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | U               |           | 0.000467     | 0.00100      | 1        | 06/21/2024 20:23        | <a href="#">WG2309879</a> |
| Toluene                   | U               |           | 0.00130      | 0.00500      | 1        | 06/21/2024 20:23        | <a href="#">WG2309879</a> |
| Ethylbenzene              | U               |           | 0.000737     | 0.00250      | 1        | 06/21/2024 20:23        | <a href="#">WG2309879</a> |
| Xylenes, Total            | U               |           | 0.000880     | 0.00650      | 1        | 06/21/2024 20:23        | <a href="#">WG2309879</a> |
| 1,2,4-Trimethylbenzene    | U               |           | 0.00158      | 0.00500      | 1        | 06/21/2024 20:23        | <a href="#">WG2309879</a> |
| 1,3,5-Trimethylbenzene    | U               |           | 0.00200      | 0.00500      | 1        | 06/21/2024 20:23        | <a href="#">WG2309879</a> |
| (S) Toluene-d8            | 95.7            |           |              | 75.0-131     |          | 06/21/2024 20:23        | <a href="#">WG2309879</a> |
| (S) 4-Bromofluorobenzene  | 99.6            |           |              | 67.0-138     |          | 06/21/2024 20:23        | <a href="#">WG2309879</a> |
| (S) 1,2-Dichloroethane-d4 | 99.0            |           |              | 70.0-130     |          | 06/21/2024 20:23        | <a href="#">WG2309879</a> |

Semi-Volatile Organic Compounds (GC) by Method 8015M

| Analyte                 | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| C10-C28 Diesel Range    | U               |           | 1.61         | 4.00         | 1        | 06/25/2024 09:57        | <a href="#">WG2311247</a> |
| C28-C36 Motor Oil Range | 0.635           | J         | 0.274        | 4.00         | 1        | 06/25/2024 09:57        | <a href="#">WG2311247</a> |
| (S) o-Terphenyl         | 63.0            |           |              | 18.0-148     |          | 06/25/2024 09:57        | <a href="#">WG2311247</a> |

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

| Analyte                | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Acenaphthene           | U               |           | 0.00209      | 0.00600      | 1        | 06/23/2024 04:31        | <a href="#">WG2310075</a> |
| Anthracene             | U               |           | 0.00230      | 0.00600      | 1        | 06/23/2024 04:31        | <a href="#">WG2310075</a> |
| Benzo(a)anthracene     | U               |           | 0.00173      | 0.00600      | 1        | 06/23/2024 04:31        | <a href="#">WG2310075</a> |
| Benzo(b)fluoranthene   | U               |           | 0.00153      | 0.00600      | 1        | 06/23/2024 04:31        | <a href="#">WG2310075</a> |
| Benzo(k)fluoranthene   | U               |           | 0.00215      | 0.00600      | 1        | 06/23/2024 04:31        | <a href="#">WG2310075</a> |
| Benzo(a)pyrene         | U               |           | 0.00179      | 0.00600      | 1        | 06/23/2024 04:31        | <a href="#">WG2310075</a> |
| Chrysene               | U               |           | 0.00232      | 0.00600      | 1        | 06/23/2024 04:31        | <a href="#">WG2310075</a> |
| Dibenz(a,h)anthracene  | U               |           | 0.00172      | 0.00600      | 1        | 06/23/2024 04:31        | <a href="#">WG2310075</a> |
| Fluoranthene           | U               |           | 0.00227      | 0.00600      | 1        | 06/23/2024 04:31        | <a href="#">WG2310075</a> |
| Fluorene               | U               |           | 0.00205      | 0.00600      | 1        | 06/23/2024 04:31        | <a href="#">WG2310075</a> |
| Indeno(1,2,3-cd)pyrene | U               |           | 0.00181      | 0.00600      | 1        | 06/23/2024 04:31        | <a href="#">WG2310075</a> |
| 1-Methylnaphthalene    | U               |           | 0.00449      | 0.0200       | 1        | 06/23/2024 04:31        | <a href="#">WG2310075</a> |
| 2-Methylnaphthalene    | U               |           | 0.00427      | 0.0200       | 1        | 06/23/2024 04:31        | <a href="#">WG2310075</a> |
| Naphthalene            | U               |           | 0.00408      | 0.0200       | 1        | 06/23/2024 04:31        | <a href="#">WG2310075</a> |
| Pyrene                 | U               |           | 0.00200      | 0.00600      | 1        | 06/23/2024 04:31        | <a href="#">WG2310075</a> |
| (S) p-Terphenyl-d14    | 75.1            |           |              | 23.0-120     |          | 06/23/2024 04:31        | <a href="#">WG2310075</a> |
| (S) Nitrobenzene-d5    | 94.7            |           |              | 14.0-149     |          | 06/23/2024 04:31        | <a href="#">WG2310075</a> |
| (S) 2-Fluorobiphenyl   | 74.2            |           |              | 34.0-125     |          | 06/23/2024 04:31        | <a href="#">WG2310075</a> |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 2.74   |           | 1        | 06/26/2024 13:18     | WG2310850 |

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|-----------|
| Hexavalent Chromium | U            | J6        | 0.255     | 1.00      | 1        | 06/24/2024 09:06     | WG2308555 |

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch     |
|---------|-----------|-----------|----------|----------------------|-----------|
| pH      | 8.20      | T8        | 1        | 06/26/2024 12:30     | WG2312548 |

Sample Narrative:

L1748337-05 WG2312548: 8.2 at 22.8C

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|-----------|
| Specific Conductance | 659             |           | 10.0         | 1        | 06/26/2024 14:00     | WG2312547 |

Sample Narrative:

L1748337-05 WG2312547: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

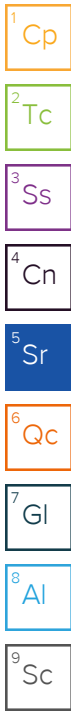
| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|-----------|
| Hot Water Sol. Boron | 0.647       |           | 0.0167   | 0.200    | 1        | 06/25/2024 23:49     | WG2311680 |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|-----------|
| Arsenic  | 2.26         |           | 0.100     | 1.00      | 5        | 06/23/2024 13:57     | WG2309482 |
| Barium   | 221          |           | 0.152     | 2.50      | 5        | 06/23/2024 13:57     | WG2309482 |
| Cadmium  | 0.113        | J         | 0.0855    | 1.00      | 5        | 06/23/2024 13:57     | WG2309482 |
| Copper   | 8.24         |           | 0.132     | 5.00      | 5        | 06/23/2024 13:57     | WG2309482 |
| Lead     | 7.97         |           | 0.0990    | 2.00      | 5        | 06/23/2024 13:57     | WG2309482 |
| Nickel   | 6.83         |           | 0.197     | 2.50      | 5        | 06/23/2024 13:57     | WG2309482 |
| Selenium | 0.260        | J         | 0.180     | 2.50      | 5        | 06/23/2024 13:57     | WG2309482 |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/23/2024 13:57     | WG2309482 |
| Zinc     | 33.0         |           | 0.740     | 25.0      | 5        | 06/23/2024 13:57     | WG2309482 |

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|----------------------|-----------|
| TPH (GC/FID) Low Fraction       | U            |           | 0.0219    | 0.101     | 1.01     | 06/22/2024 05:24     | WG2310011 |
| (S) a,a,a-Trifluorotoluene(FID) | 88.3         |           |           | 77.0-120  |          | 06/22/2024 05:24     | WG2310011 |



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

| Analyte                   | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | U               |           | 0.000472     | 0.00101      | 1.01     | 06/21/2024 22:50        | <a href="#">WG2309938</a> |
| Toluene                   | U               |           | 0.00131      | 0.00505      | 1.01     | 06/21/2024 22:50        | <a href="#">WG2309938</a> |
| Ethylbenzene              | U               |           | 0.000744     | 0.00253      | 1.01     | 06/21/2024 22:50        | <a href="#">WG2309938</a> |
| Xylenes, Total            | U               |           | 0.000889     | 0.00656      | 1.01     | 06/21/2024 22:50        | <a href="#">WG2309938</a> |
| 1,2,4-Trimethylbenzene    | U               |           | 0.00160      | 0.00505      | 1.01     | 06/21/2024 22:50        | <a href="#">WG2309938</a> |
| 1,3,5-Trimethylbenzene    | U               |           | 0.00202      | 0.00505      | 1.01     | 06/21/2024 22:50        | <a href="#">WG2309938</a> |
| (S) Toluene-d8            | 106             |           |              | 75.0-131     |          | 06/21/2024 22:50        | <a href="#">WG2309938</a> |
| (S) 4-Bromofluorobenzene  | 104             |           |              | 67.0-138     |          | 06/21/2024 22:50        | <a href="#">WG2309938</a> |
| (S) 1,2-Dichloroethane-d4 | 93.6            |           |              | 70.0-130     |          | 06/21/2024 22:50        | <a href="#">WG2309938</a> |

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

Semi-Volatile Organic Compounds (GC) by Method 8015M

| Analyte                 | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| C10-C28 Diesel Range    | U               |           | 1.61         | 4.00         | 1        | 06/25/2024 10:09        | <a href="#">WG2311247</a> |
| C28-C36 Motor Oil Range | 1.30            | J         | 0.274        | 4.00         | 1        | 06/25/2024 10:09        | <a href="#">WG2311247</a> |
| (S) o-Terphenyl         | 64.4            |           |              | 18.0-148     |          | 06/25/2024 10:09        | <a href="#">WG2311247</a> |

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

| Analyte                | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Acenaphthene           | U               |           | 0.00209      | 0.00600      | 1        | 06/22/2024 20:34        | <a href="#">WG2310075</a> |
| Anthracene             | U               |           | 0.00230      | 0.00600      | 1        | 06/22/2024 20:34        | <a href="#">WG2310075</a> |
| Benzo(a)anthracene     | U               |           | 0.00173      | 0.00600      | 1        | 06/22/2024 20:34        | <a href="#">WG2310075</a> |
| Benzo(b)fluoranthene   | U               |           | 0.00153      | 0.00600      | 1        | 06/22/2024 20:34        | <a href="#">WG2310075</a> |
| Benzo(k)fluoranthene   | U               |           | 0.00215      | 0.00600      | 1        | 06/22/2024 20:34        | <a href="#">WG2310075</a> |
| Benzo(a)pyrene         | U               |           | 0.00179      | 0.00600      | 1        | 06/22/2024 20:34        | <a href="#">WG2310075</a> |
| Chrysene               | U               |           | 0.00232      | 0.00600      | 1        | 06/22/2024 20:34        | <a href="#">WG2310075</a> |
| Dibenz(a,h)anthracene  | U               |           | 0.00172      | 0.00600      | 1        | 06/22/2024 20:34        | <a href="#">WG2310075</a> |
| Fluoranthene           | U               |           | 0.00227      | 0.00600      | 1        | 06/22/2024 20:34        | <a href="#">WG2310075</a> |
| Fluorene               | U               |           | 0.00205      | 0.00600      | 1        | 06/22/2024 20:34        | <a href="#">WG2310075</a> |
| Indeno(1,2,3-cd)pyrene | U               |           | 0.00181      | 0.00600      | 1        | 06/22/2024 20:34        | <a href="#">WG2310075</a> |
| 1-Methylnaphthalene    | U               |           | 0.00449      | 0.0200       | 1        | 06/22/2024 20:34        | <a href="#">WG2310075</a> |
| 2-Methylnaphthalene    | U               |           | 0.00427      | 0.0200       | 1        | 06/22/2024 20:34        | <a href="#">WG2310075</a> |
| Naphthalene            | U               |           | 0.00408      | 0.0200       | 1        | 06/22/2024 20:34        | <a href="#">WG2310075</a> |
| Pyrene                 | U               |           | 0.00200      | 0.00600      | 1        | 06/22/2024 20:34        | <a href="#">WG2310075</a> |
| (S) p-Terphenyl-d14    | 90.6            |           |              | 23.0-120     |          | 06/22/2024 20:34        | <a href="#">WG2310075</a> |
| (S) Nitrobenzene-d5    | 77.4            |           |              | 14.0-149     |          | 06/22/2024 20:34        | <a href="#">WG2310075</a> |
| (S) 2-Fluorobiphenyl   | 85.6            |           |              | 34.0-125     |          | 06/22/2024 20:34        | <a href="#">WG2310075</a> |

Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 1.54   |           | 1        | 06/26/2024 13:20     | WG2310850 |

1 Cp

2 Tc

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Hexavalent Chromium | U            |           | 0.255     | 1.00      | 1        | 06/24/2024 09:46     | <a href="#">WG2308555</a> |

3 Ss

4 Cn

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch                     |
|---------|-----------|-----------|----------|----------------------|---------------------------|
| pH      | 8.38      | T8        | 1        | 06/26/2024 12:30     | <a href="#">WG2312548</a> |

5 Sr

6 Qc

Sample Narrative:

L1748337-06 WG2312548: 8.38 at 22.6C

7 Gl

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch                     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|---------------------------|
| Specific Conductance | 247             |           | 10.0         | 1        | 06/26/2024 14:00     | <a href="#">WG2312547</a> |

8 Al

9 Sc

Sample Narrative:

L1748337-06 WG2312547: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch                     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|---------------------------|
| Hot Water Sol. Boron | 0.482       |           | 0.0167   | 0.200    | 1        | 06/25/2024 23:51     | <a href="#">WG2311680</a> |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Arsenic  | 2.41         |           | 0.100     | 1.00      | 5        | 06/23/2024 14:00     | <a href="#">WG2309482</a> |
| Barium   | 88.8         |           | 0.152     | 2.50      | 5        | 06/23/2024 14:00     | <a href="#">WG2309482</a> |
| Cadmium  | 0.108        | J         | 0.0855    | 1.00      | 5        | 06/23/2024 14:00     | <a href="#">WG2309482</a> |
| Copper   | 9.63         |           | 0.132     | 5.00      | 5        | 06/23/2024 14:00     | <a href="#">WG2309482</a> |
| Lead     | 8.70         |           | 0.0990    | 2.00      | 5        | 06/23/2024 14:00     | <a href="#">WG2309482</a> |
| Nickel   | 7.80         |           | 0.197     | 2.50      | 5        | 06/23/2024 14:00     | <a href="#">WG2309482</a> |
| Selenium | 0.302        | J         | 0.180     | 2.50      | 5        | 06/23/2024 14:00     | <a href="#">WG2309482</a> |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/23/2024 14:00     | <a href="#">WG2309482</a> |
| Zinc     | 39.1         |           | 0.740     | 25.0      | 5        | 06/23/2024 14:00     | <a href="#">WG2309482</a> |

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                            | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|------------------------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction          | U            |           | 0.0219    | 0.101     | 1.01     | 06/22/2024 06:35     | <a href="#">WG2310011</a> |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 88.2         |           |           | 77.0-120  |          | 06/22/2024 06:35     | <a href="#">WG2310011</a> |

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

| Analyte                   | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | U               |           | 0.000467     | 0.00100      | 1        | 06/21/2024 23:09        | <a href="#">WG2309938</a> |
| Toluene                   | U               |           | 0.00130      | 0.00500      | 1        | 06/21/2024 23:09        | <a href="#">WG2309938</a> |
| Ethylbenzene              | U               |           | 0.000737     | 0.00250      | 1        | 06/21/2024 23:09        | <a href="#">WG2309938</a> |
| Xylenes, Total            | U               |           | 0.000880     | 0.00650      | 1        | 06/21/2024 23:09        | <a href="#">WG2309938</a> |
| 1,2,4-Trimethylbenzene    | U               |           | 0.00158      | 0.00500      | 1        | 06/21/2024 23:09        | <a href="#">WG2309938</a> |
| 1,3,5-Trimethylbenzene    | U               |           | 0.00200      | 0.00500      | 1        | 06/21/2024 23:09        | <a href="#">WG2309938</a> |
| (S) Toluene-d8            | 105             |           |              | 75.0-131     |          | 06/21/2024 23:09        | <a href="#">WG2309938</a> |
| (S) 4-Bromofluorobenzene  | 105             |           |              | 67.0-138     |          | 06/21/2024 23:09        | <a href="#">WG2309938</a> |
| (S) 1,2-Dichloroethane-d4 | 82.0            |           |              | 70.0-130     |          | 06/21/2024 23:09        | <a href="#">WG2309938</a> |

Semi-Volatile Organic Compounds (GC) by Method 8015M

| Analyte                 | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| C10-C28 Diesel Range    | U               |           | 1.61         | 4.00         | 1        | 06/25/2024 10:21        | <a href="#">WG2311247</a> |
| C28-C36 Motor Oil Range | 0.781           | J         | 0.274        | 4.00         | 1        | 06/25/2024 10:21        | <a href="#">WG2311247</a> |
| (S) o-Terphenyl         | 64.1            |           |              | 18.0-148     |          | 06/25/2024 10:21        | <a href="#">WG2311247</a> |

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

| Analyte                | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Acenaphthene           | U               |           | 0.00209      | 0.00600      | 1        | 06/22/2024 20:51        | <a href="#">WG2310075</a> |
| Anthracene             | U               |           | 0.00230      | 0.00600      | 1        | 06/22/2024 20:51        | <a href="#">WG2310075</a> |
| Benzo(a)anthracene     | U               |           | 0.00173      | 0.00600      | 1        | 06/22/2024 20:51        | <a href="#">WG2310075</a> |
| Benzo(b)fluoranthene   | U               |           | 0.00153      | 0.00600      | 1        | 06/22/2024 20:51        | <a href="#">WG2310075</a> |
| Benzo(k)fluoranthene   | U               |           | 0.00215      | 0.00600      | 1        | 06/22/2024 20:51        | <a href="#">WG2310075</a> |
| Benzo(a)pyrene         | U               |           | 0.00179      | 0.00600      | 1        | 06/22/2024 20:51        | <a href="#">WG2310075</a> |
| Chrysene               | U               |           | 0.00232      | 0.00600      | 1        | 06/22/2024 20:51        | <a href="#">WG2310075</a> |
| Dibenz(a,h)anthracene  | U               |           | 0.00172      | 0.00600      | 1        | 06/22/2024 20:51        | <a href="#">WG2310075</a> |
| Fluoranthene           | U               |           | 0.00227      | 0.00600      | 1        | 06/22/2024 20:51        | <a href="#">WG2310075</a> |
| Fluorene               | U               |           | 0.00205      | 0.00600      | 1        | 06/22/2024 20:51        | <a href="#">WG2310075</a> |
| Indeno(1,2,3-cd)pyrene | U               |           | 0.00181      | 0.00600      | 1        | 06/22/2024 20:51        | <a href="#">WG2310075</a> |
| 1-Methylnaphthalene    | U               |           | 0.00449      | 0.0200       | 1        | 06/22/2024 20:51        | <a href="#">WG2310075</a> |
| 2-Methylnaphthalene    | U               |           | 0.00427      | 0.0200       | 1        | 06/22/2024 20:51        | <a href="#">WG2310075</a> |
| Naphthalene            | U               |           | 0.00408      | 0.0200       | 1        | 06/22/2024 20:51        | <a href="#">WG2310075</a> |
| Pyrene                 | U               |           | 0.00200      | 0.00600      | 1        | 06/22/2024 20:51        | <a href="#">WG2310075</a> |
| (S) p-Terphenyl-d14    | 96.2            |           |              | 23.0-120     |          | 06/22/2024 20:51        | <a href="#">WG2310075</a> |
| (S) Nitrobenzene-d5    | 76.3            |           |              | 14.0-149     |          | 06/22/2024 20:51        | <a href="#">WG2310075</a> |
| (S) 2-Fluorobiphenyl   | 82.9            |           |              | 34.0-125     |          | 06/22/2024 20:51        | <a href="#">WG2310075</a> |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 3.14   |           | 1        | 06/26/2024 13:22     | WG2310850 |

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|-----------|
| Hexavalent Chromium | U            | J6        | 0.255     | 1.00      | 1        | 06/24/2024 09:54     | WG2308555 |

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch     |
|---------|-----------|-----------|----------|----------------------|-----------|
| pH      | 8.11      | T8        | 1        | 06/26/2024 12:30     | WG2312548 |

Sample Narrative:

L1748337-07 WG2312548: 8.11 at 22.4C

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|-----------|
| Specific Conductance | 787             |           | 10.0         | 1        | 06/26/2024 14:00     | WG2312547 |

Sample Narrative:

L1748337-07 WG2312547: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|-----------|
| Hot Water Sol. Boron | 1.03        |           | 0.0167   | 0.200    | 1        | 06/25/2024 23:53     | WG2311680 |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|-----------|
| Arsenic  | 1.84         |           | 0.100     | 1.00      | 5        | 06/23/2024 14:04     | WG2309482 |
| Barium   | 757          |           | 0.152     | 2.50      | 5        | 06/23/2024 14:04     | WG2309482 |
| Cadmium  | 0.110        | J         | 0.0855    | 1.00      | 5        | 06/23/2024 14:04     | WG2309482 |
| Copper   | 7.20         |           | 0.132     | 5.00      | 5        | 06/23/2024 14:04     | WG2309482 |
| Lead     | 11.7         |           | 0.0990    | 2.00      | 5        | 06/23/2024 14:04     | WG2309482 |
| Nickel   | 4.29         |           | 0.197     | 2.50      | 5        | 06/23/2024 14:04     | WG2309482 |
| Selenium | 0.243        | J         | 0.180     | 2.50      | 5        | 06/23/2024 14:04     | WG2309482 |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/23/2024 14:04     | WG2309482 |
| Zinc     | 37.7         |           | 0.740     | 25.0      | 5        | 06/23/2024 14:04     | WG2309482 |

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|----------------------|-----------|
| TPH (GC/FID) Low Fraction       | U            |           | 0.0217    | 0.100     | 1        | 06/22/2024 06:59     | WG2310011 |
| (S) a,a,a-Trifluorotoluene(FID) | 88.1         |           |           | 77.0-120  |          | 06/22/2024 06:59     | WG2310011 |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

| Analyte                   | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | U               |           | 0.000467     | 0.00100      | 1        | 06/21/2024 23:28        | <a href="#">WG2309938</a> |
| Toluene                   | U               |           | 0.00130      | 0.00500      | 1        | 06/21/2024 23:28        | <a href="#">WG2309938</a> |
| Ethylbenzene              | U               |           | 0.000737     | 0.00250      | 1        | 06/21/2024 23:28        | <a href="#">WG2309938</a> |
| Xylenes, Total            | U               |           | 0.000880     | 0.00650      | 1        | 06/21/2024 23:28        | <a href="#">WG2309938</a> |
| 1,2,4-Trimethylbenzene    | U               |           | 0.00158      | 0.00500      | 1        | 06/21/2024 23:28        | <a href="#">WG2309938</a> |
| 1,3,5-Trimethylbenzene    | U               |           | 0.00200      | 0.00500      | 1        | 06/21/2024 23:28        | <a href="#">WG2309938</a> |
| (S) Toluene-d8            | 104             |           |              | 75.0-131     |          | 06/21/2024 23:28        | <a href="#">WG2309938</a> |
| (S) 4-Bromofluorobenzene  | 106             |           |              | 67.0-138     |          | 06/21/2024 23:28        | <a href="#">WG2309938</a> |
| (S) 1,2-Dichloroethane-d4 | 88.6            |           |              | 70.0-130     |          | 06/21/2024 23:28        | <a href="#">WG2309938</a> |

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

Semi-Volatile Organic Compounds (GC) by Method 8015M

| Analyte                 | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| C10-C28 Diesel Range    | U               |           | 1.61         | 4.00         | 1        | 06/25/2024 10:34        | <a href="#">WG2311247</a> |
| C28-C36 Motor Oil Range | 0.593           | J         | 0.274        | 4.00         | 1        | 06/25/2024 10:34        | <a href="#">WG2311247</a> |
| (S) o-Terphenyl         | 59.5            |           |              | 18.0-148     |          | 06/25/2024 10:34        | <a href="#">WG2311247</a> |

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

| Analyte                | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Acenaphthene           | U               |           | 0.00209      | 0.00600      | 1        | 06/22/2024 21:09        | <a href="#">WG2310075</a> |
| Anthracene             | U               |           | 0.00230      | 0.00600      | 1        | 06/22/2024 21:09        | <a href="#">WG2310075</a> |
| Benzo(a)anthracene     | U               |           | 0.00173      | 0.00600      | 1        | 06/22/2024 21:09        | <a href="#">WG2310075</a> |
| Benzo(b)fluoranthene   | U               |           | 0.00153      | 0.00600      | 1        | 06/22/2024 21:09        | <a href="#">WG2310075</a> |
| Benzo(k)fluoranthene   | U               |           | 0.00215      | 0.00600      | 1        | 06/22/2024 21:09        | <a href="#">WG2310075</a> |
| Benzo(a)pyrene         | U               |           | 0.00179      | 0.00600      | 1        | 06/22/2024 21:09        | <a href="#">WG2310075</a> |
| Chrysene               | U               |           | 0.00232      | 0.00600      | 1        | 06/22/2024 21:09        | <a href="#">WG2310075</a> |
| Dibenz(a,h)anthracene  | U               |           | 0.00172      | 0.00600      | 1        | 06/22/2024 21:09        | <a href="#">WG2310075</a> |
| Fluoranthene           | 0.00255         | J         | 0.00227      | 0.00600      | 1        | 06/22/2024 21:09        | <a href="#">WG2310075</a> |
| Fluorene               | U               |           | 0.00205      | 0.00600      | 1        | 06/22/2024 21:09        | <a href="#">WG2310075</a> |
| Indeno(1,2,3-cd)pyrene | U               |           | 0.00181      | 0.00600      | 1        | 06/22/2024 21:09        | <a href="#">WG2310075</a> |
| 1-Methylnaphthalene    | U               |           | 0.00449      | 0.0200       | 1        | 06/22/2024 21:09        | <a href="#">WG2310075</a> |
| 2-Methylnaphthalene    | U               |           | 0.00427      | 0.0200       | 1        | 06/22/2024 21:09        | <a href="#">WG2310075</a> |
| Naphthalene            | U               |           | 0.00408      | 0.0200       | 1        | 06/22/2024 21:09        | <a href="#">WG2310075</a> |
| Pyrene                 | U               |           | 0.00200      | 0.00600      | 1        | 06/22/2024 21:09        | <a href="#">WG2310075</a> |
| (S) p-Terphenyl-d14    | 92.1            |           |              | 23.0-120     |          | 06/22/2024 21:09        | <a href="#">WG2310075</a> |
| (S) Nitrobenzene-d5    | 71.2            |           |              | 14.0-149     |          | 06/22/2024 21:09        | <a href="#">WG2310075</a> |
| (S) 2-Fluorobiphenyl   | 73.2            |           |              | 34.0-125     |          | 06/22/2024 21:09        | <a href="#">WG2310075</a> |

Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 2.98   |           | 1        | 06/27/2024 11:45     | WG2311748 |

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Hexavalent Chromium | U            |           | 0.255     | 1.00      | 1        | 06/24/2024 11:59     | <a href="#">WG2308555</a> |

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch                     |
|---------|-----------|-----------|----------|----------------------|---------------------------|
| pH      | 8.04      | <u>T8</u> | 1        | 06/27/2024 15:15     | <a href="#">WG2313365</a> |

Sample Narrative:

L1748337-08 WG2313365: 8.04 at 22.5C

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch                     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|---------------------------|
| Specific Conductance | 922             |           | 10.0         | 1        | 06/27/2024 14:35     | <a href="#">WG2313370</a> |

Sample Narrative:

L1748337-08 WG2313370: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

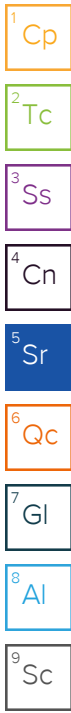
| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch                     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|---------------------------|
| Hot Water Sol. Boron | 0.990       |           | 0.0167   | 0.200    | 1        | 06/26/2024 17:22     | <a href="#">WG2311753</a> |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Arsenic  | 1.77         |           | 0.100     | 1.00      | 5        | 06/23/2024 14:18     | <a href="#">WG2309482</a> |
| Barium   | 575          |           | 0.152     | 2.50      | 5        | 06/23/2024 14:18     | <a href="#">WG2309482</a> |
| Cadmium  | 0.116        | <u>J</u>  | 0.0855    | 1.00      | 5        | 06/23/2024 14:18     | <a href="#">WG2309482</a> |
| Copper   | 6.08         |           | 0.132     | 5.00      | 5        | 06/23/2024 14:18     | <a href="#">WG2309482</a> |
| Lead     | 11.3         |           | 0.0990    | 2.00      | 5        | 06/23/2024 14:18     | <a href="#">WG2309482</a> |
| Nickel   | 4.20         |           | 0.197     | 2.50      | 5        | 06/23/2024 14:18     | <a href="#">WG2309482</a> |
| Selenium | 0.213        | <u>J</u>  | 0.180     | 2.50      | 5        | 06/23/2024 14:18     | <a href="#">WG2309482</a> |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/23/2024 14:18     | <a href="#">WG2309482</a> |
| Zinc     | 32.8         |           | 0.740     | 25.0      | 5        | 06/23/2024 14:18     | <a href="#">WG2309482</a> |

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                            | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|------------------------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction          | U            |           | 0.0217    | 0.100     | 1        | 06/22/2024 07:23     | <a href="#">WG2310011</a> |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 88.0         |           |           | 77.0-120  |          | 06/22/2024 07:23     | <a href="#">WG2310011</a> |



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

| Analyte                   | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | U               |           | 0.000472     | 0.00101      | 1.01     | 06/21/2024 23:47        | <a href="#">WG2309938</a> |
| Toluene                   | U               |           | 0.00131      | 0.00505      | 1.01     | 06/21/2024 23:47        | <a href="#">WG2309938</a> |
| Ethylbenzene              | U               |           | 0.000744     | 0.00253      | 1.01     | 06/21/2024 23:47        | <a href="#">WG2309938</a> |
| Xylenes, Total            | U               |           | 0.000889     | 0.00656      | 1.01     | 06/21/2024 23:47        | <a href="#">WG2309938</a> |
| 1,2,4-Trimethylbenzene    | U               |           | 0.00160      | 0.00505      | 1.01     | 06/21/2024 23:47        | <a href="#">WG2309938</a> |
| 1,3,5-Trimethylbenzene    | U               |           | 0.00202      | 0.00505      | 1.01     | 06/21/2024 23:47        | <a href="#">WG2309938</a> |
| (S) Toluene-d8            | 104             |           |              | 75.0-131     |          | 06/21/2024 23:47        | <a href="#">WG2309938</a> |
| (S) 4-Bromofluorobenzene  | 103             |           |              | 67.0-138     |          | 06/21/2024 23:47        | <a href="#">WG2309938</a> |
| (S) 1,2-Dichloroethane-d4 | 96.1            |           |              | 70.0-130     |          | 06/21/2024 23:47        | <a href="#">WG2309938</a> |

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

Semi-Volatile Organic Compounds (GC) by Method 8015M

| Analyte                 | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| C10-C28 Diesel Range    | U               |           | 1.61         | 4.00         | 1        | 06/23/2024 23:41        | <a href="#">WG2310460</a> |
| C28-C36 Motor Oil Range | U               |           | 0.274        | 4.00         | 1        | 06/23/2024 23:41        | <a href="#">WG2310460</a> |
| (S) o-Terphenyl         | 75.5            |           |              | 18.0-148     |          | 06/23/2024 23:41        | <a href="#">WG2310460</a> |

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

| Analyte                | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Acenaphthene           | U               |           | 0.00209      | 0.00600      | 1        | 06/22/2024 21:27        | <a href="#">WG2310075</a> |
| Anthracene             | U               |           | 0.00230      | 0.00600      | 1        | 06/22/2024 21:27        | <a href="#">WG2310075</a> |
| Benzo(a)anthracene     | U               |           | 0.00173      | 0.00600      | 1        | 06/22/2024 21:27        | <a href="#">WG2310075</a> |
| Benzo(b)fluoranthene   | U               |           | 0.00153      | 0.00600      | 1        | 06/22/2024 21:27        | <a href="#">WG2310075</a> |
| Benzo(k)fluoranthene   | U               |           | 0.00215      | 0.00600      | 1        | 06/22/2024 21:27        | <a href="#">WG2310075</a> |
| Benzo(a)pyrene         | U               |           | 0.00179      | 0.00600      | 1        | 06/22/2024 21:27        | <a href="#">WG2310075</a> |
| Chrysene               | U               |           | 0.00232      | 0.00600      | 1        | 06/22/2024 21:27        | <a href="#">WG2310075</a> |
| Dibenz(a,h)anthracene  | U               |           | 0.00172      | 0.00600      | 1        | 06/22/2024 21:27        | <a href="#">WG2310075</a> |
| Fluoranthene           | U               |           | 0.00227      | 0.00600      | 1        | 06/22/2024 21:27        | <a href="#">WG2310075</a> |
| Fluorene               | U               |           | 0.00205      | 0.00600      | 1        | 06/22/2024 21:27        | <a href="#">WG2310075</a> |
| Indeno(1,2,3-cd)pyrene | U               |           | 0.00181      | 0.00600      | 1        | 06/22/2024 21:27        | <a href="#">WG2310075</a> |
| 1-Methylnaphthalene    | U               |           | 0.00449      | 0.0200       | 1        | 06/22/2024 21:27        | <a href="#">WG2310075</a> |
| 2-Methylnaphthalene    | U               |           | 0.00427      | 0.0200       | 1        | 06/22/2024 21:27        | <a href="#">WG2310075</a> |
| Naphthalene            | U               |           | 0.00408      | 0.0200       | 1        | 06/22/2024 21:27        | <a href="#">WG2310075</a> |
| Pyrene                 | U               |           | 0.00200      | 0.00600      | 1        | 06/22/2024 21:27        | <a href="#">WG2310075</a> |
| (S) p-Terphenyl-d14    | 83.1            |           |              | 23.0-120     |          | 06/22/2024 21:27        | <a href="#">WG2310075</a> |
| (S) Nitrobenzene-d5    | 76.5            |           |              | 14.0-149     |          | 06/22/2024 21:27        | <a href="#">WG2310075</a> |
| (S) 2-Fluorobiphenyl   | 80.9            |           |              | 34.0-125     |          | 06/22/2024 21:27        | <a href="#">WG2310075</a> |

Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 2.87   |           | 1        | 06/27/2024 11:47     | WG2311748 |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Hexavalent Chromium | U            |           | 0.255     | 1.00      | 1        | 06/24/2024 12:07     | <a href="#">WG2308555</a> |

- 5 Sr
- 6 Qc

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch                     |
|---------|-----------|-----------|----------|----------------------|---------------------------|
| pH      | 8.30      | <u>T8</u> | 1        | 06/27/2024 15:15     | <a href="#">WG2313365</a> |

Sample Narrative:

L1748337-09 WG2313365: 8.3 at 22.3C

- 7 Gl
- 8 Al

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch                     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|---------------------------|
| Specific Conductance | 358             |           | 10.0         | 1        | 06/27/2024 14:35     | <a href="#">WG2313370</a> |

Sample Narrative:

L1748337-09 WG2313370: at 25C

- 9 Sc

Metals (ICP) by Method 6010B-NE493 Ch 2

| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch                     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|---------------------------|
| Hot Water Sol. Boron | 0.668       |           | 0.0167   | 0.200    | 1        | 06/26/2024 17:24     | <a href="#">WG2311753</a> |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Arsenic  | 2.47         |           | 0.100     | 1.00      | 5        | 06/23/2024 14:21     | <a href="#">WG2309482</a> |
| Barium   | 363          |           | 0.152     | 2.50      | 5        | 06/23/2024 14:21     | <a href="#">WG2309482</a> |
| Cadmium  | 0.116        | <u>J</u>  | 0.0855    | 1.00      | 5        | 06/23/2024 14:21     | <a href="#">WG2309482</a> |
| Copper   | 8.05         |           | 0.132     | 5.00      | 5        | 06/23/2024 14:21     | <a href="#">WG2309482</a> |
| Lead     | 8.07         |           | 0.0990    | 2.00      | 5        | 06/23/2024 14:21     | <a href="#">WG2309482</a> |
| Nickel   | 7.09         |           | 0.197     | 2.50      | 5        | 06/23/2024 14:21     | <a href="#">WG2309482</a> |
| Selenium | 0.281        | <u>J</u>  | 0.180     | 2.50      | 5        | 06/23/2024 14:21     | <a href="#">WG2309482</a> |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/23/2024 14:21     | <a href="#">WG2309482</a> |
| Zinc     | 31.7         |           | 0.740     | 25.0      | 5        | 06/23/2024 14:21     | <a href="#">WG2309482</a> |

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                            | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|------------------------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction          | U            |           | 0.0219    | 0.101     | 1.01     | 06/22/2024 07:46     | <a href="#">WG2310011</a> |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 88.1         |           |           | 77.0-120  |          | 06/22/2024 07:46     | <a href="#">WG2310011</a> |

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

| Analyte                   | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | U               |           | 0.000467     | 0.00100      | 1        | 06/22/2024 00:07        | <a href="#">WG2309938</a> |
| Toluene                   | U               |           | 0.00130      | 0.00500      | 1        | 06/22/2024 00:07        | <a href="#">WG2309938</a> |
| Ethylbenzene              | U               |           | 0.000737     | 0.00250      | 1        | 06/22/2024 00:07        | <a href="#">WG2309938</a> |
| Xylenes, Total            | U               |           | 0.000880     | 0.00650      | 1        | 06/22/2024 00:07        | <a href="#">WG2309938</a> |
| 1,2,4-Trimethylbenzene    | U               |           | 0.00158      | 0.00500      | 1        | 06/22/2024 00:07        | <a href="#">WG2309938</a> |
| 1,3,5-Trimethylbenzene    | U               |           | 0.00200      | 0.00500      | 1        | 06/22/2024 00:07        | <a href="#">WG2309938</a> |
| (S) Toluene-d8            | 105             |           |              | 75.0-131     |          | 06/22/2024 00:07        | <a href="#">WG2309938</a> |
| (S) 4-Bromofluorobenzene  | 103             |           |              | 67.0-138     |          | 06/22/2024 00:07        | <a href="#">WG2309938</a> |
| (S) 1,2-Dichloroethane-d4 | 96.6            |           |              | 70.0-130     |          | 06/22/2024 00:07        | <a href="#">WG2309938</a> |

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

Semi-Volatile Organic Compounds (GC) by Method 8015M

| Analyte                 | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| C10-C28 Diesel Range    | U               |           | 1.61         | 4.00         | 1        | 06/23/2024 23:15        | <a href="#">WG2310460</a> |
| C28-C36 Motor Oil Range | U               |           | 0.274        | 4.00         | 1        | 06/23/2024 23:15        | <a href="#">WG2310460</a> |
| (S) o-Terphenyl         | 77.6            |           |              | 18.0-148     |          | 06/23/2024 23:15        | <a href="#">WG2310460</a> |

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

| Analyte                | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Acenaphthene           | U               |           | 0.00209      | 0.00600      | 1        | 06/22/2024 21:44        | <a href="#">WG2310075</a> |
| Anthracene             | U               |           | 0.00230      | 0.00600      | 1        | 06/22/2024 21:44        | <a href="#">WG2310075</a> |
| Benzo(a)anthracene     | U               |           | 0.00173      | 0.00600      | 1        | 06/22/2024 21:44        | <a href="#">WG2310075</a> |
| Benzo(b)fluoranthene   | U               |           | 0.00153      | 0.00600      | 1        | 06/22/2024 21:44        | <a href="#">WG2310075</a> |
| Benzo(k)fluoranthene   | U               |           | 0.00215      | 0.00600      | 1        | 06/22/2024 21:44        | <a href="#">WG2310075</a> |
| Benzo(a)pyrene         | U               |           | 0.00179      | 0.00600      | 1        | 06/22/2024 21:44        | <a href="#">WG2310075</a> |
| Chrysene               | U               |           | 0.00232      | 0.00600      | 1        | 06/22/2024 21:44        | <a href="#">WG2310075</a> |
| Dibenz(a,h)anthracene  | U               |           | 0.00172      | 0.00600      | 1        | 06/22/2024 21:44        | <a href="#">WG2310075</a> |
| Fluoranthene           | U               |           | 0.00227      | 0.00600      | 1        | 06/22/2024 21:44        | <a href="#">WG2310075</a> |
| Fluorene               | U               |           | 0.00205      | 0.00600      | 1        | 06/22/2024 21:44        | <a href="#">WG2310075</a> |
| Indeno(1,2,3-cd)pyrene | U               |           | 0.00181      | 0.00600      | 1        | 06/22/2024 21:44        | <a href="#">WG2310075</a> |
| 1-Methylnaphthalene    | U               |           | 0.00449      | 0.0200       | 1        | 06/22/2024 21:44        | <a href="#">WG2310075</a> |
| 2-Methylnaphthalene    | U               |           | 0.00427      | 0.0200       | 1        | 06/22/2024 21:44        | <a href="#">WG2310075</a> |
| Naphthalene            | U               |           | 0.00408      | 0.0200       | 1        | 06/22/2024 21:44        | <a href="#">WG2310075</a> |
| Pyrene                 | U               |           | 0.00200      | 0.00600      | 1        | 06/22/2024 21:44        | <a href="#">WG2310075</a> |
| (S) p-Terphenyl-d14    | 103             |           |              | 23.0-120     |          | 06/22/2024 21:44        | <a href="#">WG2310075</a> |
| (S) Nitrobenzene-d5    | 76.7            |           |              | 14.0-149     |          | 06/22/2024 21:44        | <a href="#">WG2310075</a> |
| (S) 2-Fluorobiphenyl   | 80.1            |           |              | 34.0-125     |          | 06/22/2024 21:44        | <a href="#">WG2310075</a> |

Calculated Results

| Analyte                 | Result | Qualifier | Dilution | Analysis date / time | Batch     |
|-------------------------|--------|-----------|----------|----------------------|-----------|
| Sodium Adsorption Ratio | 2.50   |           | 1        | 06/26/2024 13:24     | WG2310850 |

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

Wet Chemistry by Method 7199

| Analyte             | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Hexavalent Chromium | U            |           | 0.255     | 1.00      | 1        | 06/24/2024 12:15     | <a href="#">WG2308555</a> |

Wet Chemistry by Method 9045D

| Analyte | Result su | Qualifier | Dilution | Analysis date / time | Batch                     |
|---------|-----------|-----------|----------|----------------------|---------------------------|
| pH      | 8.36      | <u>T8</u> | 1        | 06/26/2024 12:30     | <a href="#">WG2312548</a> |

Sample Narrative:

L1748337-10 WG2312548: 8.36 at 22.3C

Wet Chemistry by Method 9050AMod

| Analyte              | Result umhos/cm | Qualifier | RDL umhos/cm | Dilution | Analysis date / time | Batch                     |
|----------------------|-----------------|-----------|--------------|----------|----------------------|---------------------------|
| Specific Conductance | 307             |           | 10.0         | 1        | 06/26/2024 14:00     | <a href="#">WG2312547</a> |

Sample Narrative:

L1748337-10 WG2312547: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

| Analyte              | Result mg/l | Qualifier | MDL mg/l | RDL mg/l | Dilution | Analysis date / time | Batch                     |
|----------------------|-------------|-----------|----------|----------|----------|----------------------|---------------------------|
| Hot Water Sol. Boron | 0.711       |           | 0.0167   | 0.200    | 1        | 06/25/2024 23:55     | <a href="#">WG2311680</a> |

Metals (ICPMS) by Method 6020

| Analyte  | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|----------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Arsenic  | 2.74         |           | 0.100     | 1.00      | 5        | 06/23/2024 14:25     | <a href="#">WG2309482</a> |
| Barium   | 215          |           | 0.152     | 2.50      | 5        | 06/23/2024 14:25     | <a href="#">WG2309482</a> |
| Cadmium  | 0.140        | <u>J</u>  | 0.0855    | 1.00      | 5        | 06/23/2024 14:25     | <a href="#">WG2309482</a> |
| Copper   | 9.40         |           | 0.132     | 5.00      | 5        | 06/23/2024 14:25     | <a href="#">WG2309482</a> |
| Lead     | 12.8         |           | 0.0990    | 2.00      | 5        | 06/23/2024 14:25     | <a href="#">WG2309482</a> |
| Nickel   | 5.49         |           | 0.197     | 2.50      | 5        | 06/23/2024 14:25     | <a href="#">WG2309482</a> |
| Selenium | 0.308        | <u>J</u>  | 0.180     | 2.50      | 5        | 06/23/2024 14:25     | <a href="#">WG2309482</a> |
| Silver   | U            |           | 0.0865    | 0.500     | 5        | 06/23/2024 14:25     | <a href="#">WG2309482</a> |
| Zinc     | 45.4         |           | 0.740     | 25.0      | 5        | 06/23/2024 14:25     | <a href="#">WG2309482</a> |

Volatile Organic Compounds (GC) by Method 8015D/GRO

| Analyte                         | Result mg/kg | Qualifier | MDL mg/kg | RDL mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | U            |           | 0.0217    | 0.100     | 1        | 06/22/2024 08:09     | <a href="#">WG2310011</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 88.2         |           |           | 77.0-120  |          | 06/22/2024 08:09     | <a href="#">WG2310011</a> |

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

| Analyte                   | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | U               |           | 0.000472     | 0.00101      | 1.01     | 06/22/2024 00:26        | <a href="#">WG2309938</a> |
| Toluene                   | U               |           | 0.00131      | 0.00505      | 1.01     | 06/22/2024 00:26        | <a href="#">WG2309938</a> |
| Ethylbenzene              | U               |           | 0.000744     | 0.00253      | 1.01     | 06/22/2024 00:26        | <a href="#">WG2309938</a> |
| Xylenes, Total            | U               |           | 0.000889     | 0.00656      | 1.01     | 06/22/2024 00:26        | <a href="#">WG2309938</a> |
| 1,2,4-Trimethylbenzene    | U               |           | 0.00160      | 0.00505      | 1.01     | 06/22/2024 00:26        | <a href="#">WG2309938</a> |
| 1,3,5-Trimethylbenzene    | U               |           | 0.00202      | 0.00505      | 1.01     | 06/22/2024 00:26        | <a href="#">WG2309938</a> |
| (S) Toluene-d8            | 105             |           |              | 75.0-131     |          | 06/22/2024 00:26        | <a href="#">WG2309938</a> |
| (S) 4-Bromofluorobenzene  | 105             |           |              | 67.0-138     |          | 06/22/2024 00:26        | <a href="#">WG2309938</a> |
| (S) 1,2-Dichloroethane-d4 | 88.3            |           |              | 70.0-130     |          | 06/22/2024 00:26        | <a href="#">WG2309938</a> |

Semi-Volatile Organic Compounds (GC) by Method 8015M

| Analyte                 | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| C10-C28 Diesel Range    | U               |           | 1.61         | 4.00         | 1        | 06/23/2024 23:28        | <a href="#">WG2310460</a> |
| C28-C36 Motor Oil Range | U               |           | 0.274        | 4.00         | 1        | 06/23/2024 23:28        | <a href="#">WG2310460</a> |
| (S) o-Terphenyl         | 79.5            |           |              | 18.0-148     |          | 06/23/2024 23:28        | <a href="#">WG2310460</a> |

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

| Analyte                | Result<br>mg/kg | Qualifier | MDL<br>mg/kg | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|------------------------|-----------------|-----------|--------------|--------------|----------|-------------------------|---------------------------|
| Acenaphthene           | U               |           | 0.00209      | 0.00600      | 1        | 06/22/2024 22:02        | <a href="#">WG2310075</a> |
| Anthracene             | U               |           | 0.00230      | 0.00600      | 1        | 06/22/2024 22:02        | <a href="#">WG2310075</a> |
| Benzo(a)anthracene     | U               |           | 0.00173      | 0.00600      | 1        | 06/22/2024 22:02        | <a href="#">WG2310075</a> |
| Benzo(b)fluoranthene   | U               |           | 0.00153      | 0.00600      | 1        | 06/22/2024 22:02        | <a href="#">WG2310075</a> |
| Benzo(k)fluoranthene   | U               |           | 0.00215      | 0.00600      | 1        | 06/22/2024 22:02        | <a href="#">WG2310075</a> |
| Benzo(a)pyrene         | U               |           | 0.00179      | 0.00600      | 1        | 06/22/2024 22:02        | <a href="#">WG2310075</a> |
| Chrysene               | U               |           | 0.00232      | 0.00600      | 1        | 06/22/2024 22:02        | <a href="#">WG2310075</a> |
| Dibenz(a,h)anthracene  | U               |           | 0.00172      | 0.00600      | 1        | 06/22/2024 22:02        | <a href="#">WG2310075</a> |
| Fluoranthene           | U               |           | 0.00227      | 0.00600      | 1        | 06/22/2024 22:02        | <a href="#">WG2310075</a> |
| Fluorene               | U               |           | 0.00205      | 0.00600      | 1        | 06/22/2024 22:02        | <a href="#">WG2310075</a> |
| Indeno(1,2,3-cd)pyrene | U               |           | 0.00181      | 0.00600      | 1        | 06/22/2024 22:02        | <a href="#">WG2310075</a> |
| 1-Methylnaphthalene    | U               |           | 0.00449      | 0.0200       | 1        | 06/22/2024 22:02        | <a href="#">WG2310075</a> |
| 2-Methylnaphthalene    | U               |           | 0.00427      | 0.0200       | 1        | 06/22/2024 22:02        | <a href="#">WG2310075</a> |
| Naphthalene            | U               |           | 0.00408      | 0.0200       | 1        | 06/22/2024 22:02        | <a href="#">WG2310075</a> |
| Pyrene                 | U               |           | 0.00200      | 0.00600      | 1        | 06/22/2024 22:02        | <a href="#">WG2310075</a> |
| (S) p-Terphenyl-d14    | 94.8            |           |              | 23.0-120     |          | 06/22/2024 22:02        | <a href="#">WG2310075</a> |
| (S) Nitrobenzene-d5    | 70.1            |           |              | 14.0-149     |          | 06/22/2024 22:02        | <a href="#">WG2310075</a> |
| (S) 2-Fluorobiphenyl   | 76.8            |           |              | 34.0-125     |          | 06/22/2024 22:02        | <a href="#">WG2310075</a> |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4085943-1 06/25/24 01:01

| Analyte             | MB Result | MB Qualifier | MB MDL | MB RDL |
|---------------------|-----------|--------------|--------|--------|
| Hexavalent Chromium | U         |              | 0.255  | 1.00   |

<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

L1748337-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1748337-01 06/25/24 05:01 • (DUP) R4085943-11 06/25/24 05:09

| Analyte             | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------------------|-----------------|------------|----------|---------|---------------|----------------|
| Hexavalent Chromium | U               | U          | 1        | 0.000   |               | 20             |

L1748337-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1748337-03 06/25/24 05:25 • (DUP) R4085943-12 06/25/24 05:48

| Analyte             | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------------------|-----------------|------------|----------|---------|---------------|----------------|
| Hexavalent Chromium | U               | U          | 1        | 0.000   |               | 20             |

Laboratory Control Sample (LCS)

(LCS) R4085943-2 06/25/24 01:09

| Analyte             | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---------------------|--------------|------------|----------|-------------|---------------|
| Hexavalent Chromium | 10.0         | 10.4       | 104      | 80.0-120    |               |

L1748324-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1748324-07 06/25/24 01:57 • (MS) R4085943-4 06/25/24 02:13 • (MSD) R4085943-5 06/25/24 02:37

| Analyte             | Spike Amount | Original Result | MS Result | MSD Result | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD  | RPD Limits |
|---------------------|--------------|-----------------|-----------|------------|---------|----------|----------|-------------|--------------|---------------|------|------------|
| Hexavalent Chromium | 20.0         | U               | 9.59      | 13.6       | 48.0    | 68.1     | 1        | 75.0-125    | J6           | J3 J6         | 34.7 | 20         |

L1748324-07 Original Sample (OS) • Matrix Spike (MS)

(OS) L1748324-07 06/25/24 01:57 • (MS) R4085943-6 06/25/24 02:45

| Analyte             | Spike Amount | Original Result | MS Result | MS Rec. | Dilution | Rec. Limits | MS Qualifier |
|---------------------|--------------|-----------------|-----------|---------|----------|-------------|--------------|
| Hexavalent Chromium | 631          | U               | 498       | 78.8    | 50       | 75.0-125    |              |

Method Blank (MB)

(MB) R4085760-1 06/24/24 08:50

| Analyte             | MB Result | MB Qualifier | MB MDL | MB RDL |
|---------------------|-----------|--------------|--------|--------|
| Hexavalent Chromium | U         |              | 0.255  | 1.00   |

<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

L1749735-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1749735-07 06/24/24 13:51 • (DUP) R4085760-11 06/24/24 13:59

| Analyte             | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------------------|-----------------|------------|----------|---------|---------------|----------------|
| Hexavalent Chromium | U               | U          | 1        | 0.000   |               | 20             |

L1749735-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1749735-11 06/24/24 14:47 • (DUP) R4085760-12 06/24/24 14:55

| Analyte             | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------------------|-----------------|------------|----------|---------|---------------|----------------|
| Hexavalent Chromium | U               | U          | 1        | 0.000   |               | 20             |

Laboratory Control Sample (LCS)

(LCS) R4085760-2 06/24/24 08:58

| Analyte             | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---------------------|--------------|------------|----------|-------------|---------------|
| Hexavalent Chromium | 10.0         | 10.2       | 102      | 80.0-120    |               |

L1748337-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1748337-05 06/24/24 09:06 • (MS) R4085760-4 06/24/24 09:22 • (MSD) R4085760-5 06/24/24 09:30

| Analyte             | Spike Amount | Original Result | MS Result | MSD Result | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD  | RPD Limits |
|---------------------|--------------|-----------------|-----------|------------|---------|----------|----------|-------------|--------------|---------------|------|------------|
| Hexavalent Chromium | 20.0         | U               | 15.5      | 14.5       | 77.3    | 72.3     | 1        | 75.0-125    | J6           | J6            | 6.71 | 20         |

L1748337-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1748337-07 06/24/24 09:54 • (MS) R4085760-8 06/24/24 11:36 • (MSD) R4085760-9 06/24/24 11:43

| Analyte             | Spike Amount | Original Result | MS Result | MSD Result | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD  | RPD Limits |
|---------------------|--------------|-----------------|-----------|------------|---------|----------|----------|-------------|--------------|---------------|------|------------|
| Hexavalent Chromium | 20.0         | U               | 12.3      | 13.9       | 61.7    | 69.5     | 1        | 75.0-125    | J6           | J6            | 11.8 | 20         |

L1748337-05 Original Sample (OS) • Matrix Spike (MS)

(OS) L1748337-05 06/24/24 09:06 • (MS) R4085760-6 06/24/24 09:38

| Analyte             | Spike Amount<br>mg/kg | Original Result<br>mg/kg | MS Result<br>mg/kg | MS Rec.<br>% | Dilution | Rec. Limits<br>% | <u>MS Qualifier</u> |
|---------------------|-----------------------|--------------------------|--------------------|--------------|----------|------------------|---------------------|
| Hexavalent Chromium | 648                   | U                        | 518                | 79.9         | 50       | 75.0-125         |                     |

L1748337-07 Original Sample (OS) • Matrix Spike (MS)

(OS) L1748337-07 06/24/24 09:54 • (MS) R4085760-10 06/24/24 11:51

| Analyte             | Spike Amount<br>mg/kg | Original Result<br>mg/kg | MS Result<br>mg/kg | MS Rec.<br>% | Dilution | Rec. Limits<br>% | <u>MS Qualifier</u> |
|---------------------|-----------------------|--------------------------|--------------------|--------------|----------|------------------|---------------------|
| Hexavalent Chromium | 648                   | U                        | 516                | 79.6         | 50       | 75.0-125         |                     |

<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

L1748337-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1748337-06 06/26/24 12:30 • (DUP) R4086663-2 06/26/24 12:30

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------|-----------------|------------|----------|---------|---------------|----------------|
|         | su              | su         |          | %       |               | %              |
| pH      | 8.38            | 8.38       | 1        | 0.000   |               | 1              |

Sample Narrative:

OS: 8.38 at 22.6C

DUP: 8.38 at 22.4C

Laboratory Control Sample (LCS)

(LCS) R4086663-1 06/26/24 12:30

| Analyte | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---------|--------------|------------|----------|-------------|---------------|
|         | su           | su         | %        | %           |               |
| pH      | 10.0         | 10.0       | 100      | 99.0-101    |               |

Sample Narrative:

LCS: 10 at 21.9C

<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

L1748337-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1748337-03 06/27/24 15:15 • (DUP) R4087417-2 06/27/24 15:15

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------|-----------------|------------|----------|---------|---------------|----------------|
| su      | su              |            |          | %       |               | %              |
| pH      | 7.96            | 7.95       | 1        | 0.126   |               | 1              |

Sample Narrative:

OS: 7.96 at 22.5C  
 DUP: 7.95 at 22.7C

<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

L1749832-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1749832-05 06/27/24 15:15 • (DUP) R4087417-3 06/27/24 15:15

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------|-----------------|------------|----------|---------|---------------|----------------|
| su      | su              |            |          | %       |               | %              |
| pH      | 7.76            | 7.72       | 1        | 0.517   |               | 1              |

Sample Narrative:

OS: 7.76 at 22C  
 DUP: 7.72 at 22.1C

Laboratory Control Sample (LCS)

(LCS) R4087417-1 06/27/24 15:15

| Analyte | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---------|--------------|------------|----------|-------------|---------------|
| su      | su           |            | %        | %           |               |
| pH      | 10.0         | 9.98       | 99.8     | 99.0-101    |               |

Sample Narrative:

LCS: 9.98 at 22.1C

Method Blank (MB)

(MB) R4086790-1 06/26/24 14:00

| Analyte              | MB Result<br>umhos/cm | MB Qualifier | MB MDL<br>umhos/cm | MB RDL<br>umhos/cm |
|----------------------|-----------------------|--------------|--------------------|--------------------|
| Specific Conductance | U                     |              | 10.0               | 10.0               |

Sample Narrative:

BLANK: at 25C

L1748914-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1748914-02 06/26/24 14:00 • (DUP) R4086790-3 06/26/24 14:00

| Analyte              | Original Result<br>umhos/cm | DUP Result<br>umhos/cm | Dilution | DUP RPD<br>% | DUP RPD<br>Limits | DUP Qualifier |
|----------------------|-----------------------------|------------------------|----------|--------------|-------------------|---------------|
| Specific Conductance | 480                         | 487                    | 1        | 1.45         | 20                |               |

Sample Narrative:

OS: at 25C

DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R4086790-2 06/26/24 14:00

| Analyte              | Spike Amount<br>umhos/cm | LCS Result<br>umhos/cm | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|----------------------|--------------------------|------------------------|---------------|------------------|---------------|
| Specific Conductance | 733                      | 737                    | 101           | 85.0-115         |               |

Sample Narrative:

LCS: at 25C

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4087387-1 06/27/24 14:35

| Analyte              | MB Result | MB Qualifier | MB MDL | MB RDL |
|----------------------|-----------|--------------|--------|--------|
| Specific Conductance | U         |              | 10.0   | 10.0   |

Sample Narrative:

BLANK: at 25C

L1749684-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1749684-04 06/27/24 14:35 • (DUP) R4087387-3 06/27/24 14:35

| Analyte              | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|----------------------|-----------------|------------|----------|---------|---------------|----------------|
| Specific Conductance | 328             | 325        | 1        | 0.919   |               | 20             |

Sample Narrative:

OS: at 25C

DUP: at 25C

L1749830-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1749830-07 06/27/24 14:35 • (DUP) R4087387-4 06/27/24 14:35

| Analyte              | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|----------------------|-----------------|------------|----------|---------|---------------|----------------|
| Specific Conductance | 49.2            | 48.7       | 1        | 1.02    |               | 20             |

Sample Narrative:

OS: at 25C

DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R4087387-2 06/27/24 14:35

| Analyte              | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|----------------------|--------------|------------|----------|-------------|---------------|
| Specific Conductance | 733          | 730        | 99.6     | 85.0-115    |               |

Sample Narrative:

LCS: at 25C

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4086474-1 06/25/24 23:40

| Analyte              | MB Result<br>mg/l | MB Qualifier | MB MDL<br>mg/l | MB RDL<br>mg/l |
|----------------------|-------------------|--------------|----------------|----------------|
| Hot Water Sol. Boron | U                 |              | 0.0167         | 0.200          |

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

(LCS) R4086474-2 06/25/24 23:42 • (LCSD) R4086474-3 06/25/24 23:43

| 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>% |
|----------------------|----------------------|--------------------|---------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Hot Water Sol. Boron | 1.00                 | 1.07               | 1.05                | 107           | 105            | 80.0-120         |               |                | 2.21     | 20              |

<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) R4086971-1 06/26/24 17:13

| Analyte              | MB Result<br>mg/l | MB Qualifier | MB MDL<br>mg/l | MB RDL<br>mg/l |
|----------------------|-------------------|--------------|----------------|----------------|
| Hot Water Sol. Boron | U                 |              | 0.0167         | 0.200          |

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

(LCS) R4086971-2 06/26/24 17:15 • (LCSD) R4086971-3 06/26/24 17:17

| 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>% |
|----------------------|----------------------|--------------------|---------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Hot Water Sol. Boron | 1.00                 | 1.15               | 1.13                | 115           | 113            | 80.0-120         |               |                | 1.96     | 20              |

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

Method Blank (MB)

(MB) R4085318-1 06/23/24 12:35

| Analyte  | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|----------|--------------------|--------------|-----------------|-----------------|
| Arsenic  | U                  |              | 0.100           | 1.00            |
| Barium   | U                  |              | 0.152           | 2.50            |
| Cadmium  | U                  |              | 0.0855          | 1.00            |
| Copper   | U                  |              | 0.133           | 5.00            |
| Lead     | U                  |              | 0.0990          | 2.00            |
| Nickel   | U                  |              | 0.197           | 2.50            |
| Selenium | U                  |              | 0.180           | 2.50            |
| Silver   | U                  |              | 0.0865          | 0.500           |
| Zinc     | U                  |              | 0.740           | 25.0            |

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

Laboratory Control Sample (LCS)

(LCS) R4085318-2 06/23/24 12:38

| Analyte  | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|----------|-----------------------|---------------------|---------------|------------------|---------------|
| Arsenic  | 100                   | 88.5                | 88.5          | 80.0-120         |               |
| Barium   | 100                   | 85.1                | 85.1          | 80.0-120         |               |
| Cadmium  | 100                   | 92.6                | 92.6          | 80.0-120         |               |
| Copper   | 100                   | 86.1                | 86.1          | 80.0-120         |               |
| Lead     | 100                   | 85.6                | 85.6          | 80.0-120         |               |
| Nickel   | 100                   | 92.7                | 92.7          | 80.0-120         |               |
| Selenium | 100                   | 92.1                | 92.1          | 80.0-120         |               |
| Silver   | 20.0                  | 18.6                | 93.1          | 80.0-120         |               |
| Zinc     | 100                   | 86.7                | 86.7          | 80.0-120         |               |

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

L1748381-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1748381-06 06/23/24 12:42 • (MS) R4085318-5 06/23/24 12:52 • (MSD) R4085318-6 06/23/24 12:55

| Analyte  | Spike Amount<br>mg/kg | Original Result<br>mg/kg | MS Result<br>mg/kg | MSD Result<br>mg/kg | MS Rec.<br>% | MSD Rec.<br>% | Dilution | Rec. Limits<br>% | MS Qualifier | MSD Qualifier | RPD<br>% | RPD Limits<br>% |
|----------|-----------------------|--------------------------|--------------------|---------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| Arsenic  | 100                   | 1.84                     | 90.9               | 79.7                | 89.1         | 77.9          | 5        | 75.0-125         |              |               | 13.1     | 20              |
| Barium   | 100                   | 356                      | 421                | 437                 | 65.3         | 81.2          | 5        | 75.0-125         | J6           |               | 3.70     | 20              |
| Cadmium  | 100                   | 0.106                    | 97.2               | 84.0                | 97.1         | 83.9          | 5        | 75.0-125         |              |               | 14.5     | 20              |
| Copper   | 100                   | 4.52                     | 93.9               | 79.3                | 89.4         | 74.8          | 5        | 75.0-125         |              | J6            | 16.9     | 20              |
| Lead     | 100                   | 4.80                     | 97.2               | 81.4                | 92.4         | 76.6          | 5        | 75.0-125         |              |               | 17.7     | 20              |
| Nickel   | 100                   | 4.22                     | 95.7               | 82.1                | 91.4         | 77.9          | 5        | 75.0-125         |              |               | 15.3     | 20              |
| Selenium | 100                   | 0.220                    | 96.2               | 82.2                | 96.0         | 82.0          | 5        | 75.0-125         |              |               | 15.8     | 20              |
| Silver   | 20.0                  | U                        | 19.5               | 17.1                | 97.6         | 85.6          | 5        | 75.0-125         |              |               | 13.1     | 20              |
| Zinc     | 100                   | 17.8                     | 105                | 91.7                | 87.1         | 73.9          | 5        | 75.0-125         |              | J6            | 13.4     | 20              |

Method Blank (MB)

(MB) R4085139-2 06/22/24 03:19

| Analyte                            | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|------------------------------------|--------------------|--------------|-----------------|-----------------|
| TPH (GC/FID) Low Fraction          | U                  |              | 0.0217          | 0.100           |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 89.0               |              |                 | 77.0-120        |

Laboratory Control Sample (LCS)

(LCS) R4085139-1 06/22/24 01:59

| Analyte                            | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|------------------------------------|-----------------------|---------------------|---------------|------------------|---------------|
| TPH (GC/FID) Low Fraction          | 5.00                  | 5.03                | 101           | 72.0-127         |               |
| (S)<br>a,a,a-Trifluorotoluene(FID) |                       |                     | 97.7          | 77.0-120         |               |

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

Method Blank (MB)

(MB) R4085218-3 06/21/24 15:14

| Analyte                   | MB Result | MB Qualifier | MB MDL   | MB RDL   |
|---------------------------|-----------|--------------|----------|----------|
|                           | mg/kg     |              | mg/kg    | mg/kg    |
| Benzene                   | U         |              | 0.000467 | 0.00100  |
| Toluene                   | U         |              | 0.00130  | 0.00500  |
| Ethylbenzene              | U         |              | 0.000737 | 0.00250  |
| Xylenes, Total            | U         |              | 0.000880 | 0.00650  |
| 1,2,4-Trimethylbenzene    | U         |              | 0.00158  | 0.00500  |
| 1,3,5-Trimethylbenzene    | U         |              | 0.00200  | 0.00500  |
| (S) Toluene-d8            | 95.8      |              |          | 75.0-131 |
| (S) 4-Bromofluorobenzene  | 98.3      |              |          | 67.0-138 |
| (S) 1,2-Dichloroethane-d4 | 101       |              |          | 70.0-130 |

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

(LCS) R4085218-1 06/21/24 13:19 • (LCSD) R4085218-2 06/21/24 14:17

| Analyte                   | Spike Amount | LCS Result | LCSD Result | LCS Rec. | LCSD Rec. | Rec. Limits | LCS Qualifier | LCSD Qualifier | RPD   | RPD Limits |
|---------------------------|--------------|------------|-------------|----------|-----------|-------------|---------------|----------------|-------|------------|
|                           | mg/kg        | mg/kg      | mg/kg       | %        | %         | %           |               |                | %     | %          |
| Benzene                   | 0.125        | 0.121      | 0.123       | 96.8     | 98.4      | 70.0-123    |               |                | 1.64  | 20         |
| Toluene                   | 0.125        | 0.108      | 0.107       | 86.4     | 85.6      | 75.0-121    |               |                | 0.930 | 20         |
| Ethylbenzene              | 0.125        | 0.101      | 0.0999      | 80.8     | 79.9      | 74.0-126    |               |                | 1.10  | 20         |
| Xylenes, Total            | 0.375        | 0.310      | 0.297       | 82.7     | 79.2      | 72.0-127    |               |                | 4.28  | 20         |
| 1,2,4-Trimethylbenzene    | 0.125        | 0.122      | 0.120       | 97.6     | 96.0      | 70.0-126    |               |                | 1.65  | 20         |
| 1,3,5-Trimethylbenzene    | 0.125        | 0.119      | 0.118       | 95.2     | 94.4      | 73.0-127    |               |                | 0.844 | 20         |
| (S) Toluene-d8            |              |            |             | 97.2     | 97.3      | 75.0-131    |               |                |       |            |
| (S) 4-Bromofluorobenzene  |              |            |             | 96.9     | 97.1      | 67.0-138    |               |                |       |            |
| (S) 1,2-Dichloroethane-d4 |              |            |             | 102      | 109       | 70.0-130    |               |                |       |            |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4085398-2 06/21/24 16:14

| Analyte                   | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|---------------------------|--------------------|--------------|-----------------|-----------------|
| Benzene                   | U                  |              | 0.000467        | 0.00100         |
| Toluene                   | U                  |              | 0.00130         | 0.00500         |
| Ethylbenzene              | U                  |              | 0.000737        | 0.00250         |
| Xylenes, Total            | U                  |              | 0.000880        | 0.00650         |
| 1,2,4-Trimethylbenzene    | U                  |              | 0.00158         | 0.00500         |
| 1,3,5-Trimethylbenzene    | U                  |              | 0.00200         | 0.00500         |
| (S) Toluene-d8            | 105                |              |                 | 75.0-131        |
| (S) 4-Bromofluorobenzene  | 106                |              |                 | 67.0-138        |
| (S) 1,2-Dichloroethane-d4 | 93.8               |              |                 | 70.0-130        |

Laboratory Control Sample (LCS)

(LCS) R4085398-1 06/21/24 14:40

| Analyte                   | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|---------------------------|-----------------------|---------------------|---------------|------------------|---------------|
| Benzene                   | 0.125                 | 0.111               | 88.8          | 70.0-123         |               |
| Toluene                   | 0.125                 | 0.122               | 97.6          | 75.0-121         |               |
| Ethylbenzene              | 0.125                 | 0.127               | 102           | 74.0-126         |               |
| Xylenes, Total            | 0.375                 | 0.387               | 103           | 72.0-127         |               |
| 1,2,4-Trimethylbenzene    | 0.125                 | 0.130               | 104           | 70.0-126         |               |
| 1,3,5-Trimethylbenzene    | 0.125                 | 0.129               | 103           | 73.0-127         |               |
| (S) Toluene-d8            |                       |                     | 108           | 75.0-131         |               |
| (S) 4-Bromofluorobenzene  |                       |                     | 106           | 67.0-138         |               |
| (S) 1,2-Dichloroethane-d4 |                       |                     | 85.5          | 70.0-130         |               |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4085755-1 06/23/24 16:32

| Analyte                 | MB Result | MB Qualifier | MB MDL | MB RDL   |
|-------------------------|-----------|--------------|--------|----------|
|                         | mg/kg     |              | mg/kg  | mg/kg    |
| C10-C28 Diesel Range    | U         |              | 1.61   | 4.00     |
| C28-C36 Motor Oil Range | U         |              | 0.274  | 4.00     |
| <i>(S) o-Terphenyl</i>  | 80.8      |              |        | 18.0-148 |

Laboratory Control Sample (LCS)

(LCS) R4085755-2 06/23/24 16:45

| Analyte                | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|------------------------|--------------|------------|----------|-------------|---------------|
|                        | mg/kg        | mg/kg      | %        | %           |               |
| C10-C28 Diesel Range   | 50.0         | 38.1       | 76.2     | 50.0-150    |               |
| <i>(S) o-Terphenyl</i> |              |            | 91.9     | 18.0-148    |               |

L1748526-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1748526-01 06/24/24 01:52 • (MS) R4085755-3 06/24/24 02:05 • (MSD) R4085755-4 06/24/24 02:18

| Analyte                | Spike Amount | Original Result | MS Result | MSD Result | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD   | RPD Limits |
|------------------------|--------------|-----------------|-----------|------------|---------|----------|----------|-------------|--------------|---------------|-------|------------|
|                        | mg/kg        | mg/kg           | mg/kg     | mg/kg      | %       | %        |          | %           |              |               | %     | %          |
| C10-C28 Diesel Range   | 48.3         | U               | U         | U          | 0.000   | 0.000    | 40       | 50.0-150    | <u>J6</u>    | <u>J6</u>     | 0.000 | 20         |
| <i>(S) o-Terphenyl</i> |              |                 |           |            | 0.000   | 0.000    |          | 18.0-148    | <u>J7</u>    | <u>J7</u>     |       |            |

Sample Narrative:

OS: Cannot run at lower dilution due to viscosity of extract

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4086156-1 06/25/24 09:44

| Analyte                 | MB Result | MB Qualifier | MB MDL | MB RDL   |
|-------------------------|-----------|--------------|--------|----------|
|                         | mg/kg     |              | mg/kg  | mg/kg    |
| C10-C28 Diesel Range    | U         |              | 1.61   | 4.00     |
| C28-C36 Motor Oil Range | U         |              | 0.274  | 4.00     |
| (S) o-Terphenyl         | 70.9      |              |        | 18.0-148 |

Laboratory Control Sample (LCS)

(LCS) R4086156-2 06/25/24 09:57

| Analyte              | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|----------------------|--------------|------------|----------|-------------|---------------|
|                      | mg/kg        | mg/kg      | %        | %           |               |
| C10-C28 Diesel Range | 50.0         | 34.2       | 68.4     | 50.0-150    |               |
| (S) o-Terphenyl      |              |            | 76.9     | 18.0-148    |               |

L1748337-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1748337-01 06/25/24 10:09 • (MS) R4086156-3 06/25/24 10:21 • (MSD) R4086156-4 06/25/24 10:34

| Analyte              | Spike Amount | Original Result | MS Result | MSD Result | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD  | RPD Limits |
|----------------------|--------------|-----------------|-----------|------------|---------|----------|----------|-------------|--------------|---------------|------|------------|
|                      | mg/kg        | mg/kg           | mg/kg     | mg/kg      | %       | %        |          | %           |              |               | %    | %          |
| C10-C28 Diesel Range | 49.8         | U               | 33.6      | 35.9       | 67.5    | 72.2     | 1        | 50.0-150    |              |               | 6.62 | 20         |
| (S) o-Terphenyl      |              |                 |           |            | 71.2    | 73.4     |          | 18.0-148    |              |               |      |            |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4085573-2 06/22/24 19:01

| Analyte                | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|------------------------|--------------------|--------------|-----------------|-----------------|
| Acenaphthene           | U                  |              | 0.00209         | 0.00600         |
| Anthracene             | U                  |              | 0.00230         | 0.00600         |
| Benzo(a)anthracene     | U                  |              | 0.00173         | 0.00600         |
| Benzo(b)fluoranthene   | U                  |              | 0.00153         | 0.00600         |
| Benzo(k)fluoranthene   | U                  |              | 0.00215         | 0.00600         |
| Benzo(a)pyrene         | U                  |              | 0.00179         | 0.00600         |
| Chrysene               | U                  |              | 0.00232         | 0.00600         |
| Dibenz(a,h)anthracene  | U                  |              | 0.00172         | 0.00600         |
| Fluoranthene           | U                  |              | 0.00227         | 0.00600         |
| Fluorene               | U                  |              | 0.00205         | 0.00600         |
| Indeno(1,2,3-cd)pyrene | U                  |              | 0.00181         | 0.00600         |
| 1-Methylnaphthalene    | U                  |              | 0.00449         | 0.0200          |
| 2-Methylnaphthalene    | U                  |              | 0.00427         | 0.0200          |
| Naphthalene            | U                  |              | 0.00408         | 0.0200          |
| Pyrene                 | U                  |              | 0.00200         | 0.00600         |
| (S) p-Terphenyl-d14    | 102                |              |                 | 23.0-120        |
| (S) Nitrobenzene-d5    | 89.0               |              |                 | 14.0-149        |
| (S) 2-Fluorobiphenyl   | 104                |              |                 | 34.0-125        |

<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

Laboratory Control Sample (LCS)

(LCS) R4085573-1 06/22/24 18:44

| Analyte                | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|------------------------|-----------------------|---------------------|---------------|------------------|---------------|
| Acenaphthene           | 0.0800                | 0.0681              | 85.1          | 50.0-120         |               |
| Anthracene             | 0.0800                | 0.0727              | 90.9          | 50.0-126         |               |
| Benzo(a)anthracene     | 0.0800                | 0.0717              | 89.6          | 45.0-120         |               |
| Benzo(b)fluoranthene   | 0.0800                | 0.0741              | 92.6          | 42.0-121         |               |
| Benzo(k)fluoranthene   | 0.0800                | 0.0728              | 91.0          | 49.0-125         |               |
| Benzo(a)pyrene         | 0.0800                | 0.0669              | 83.6          | 42.0-120         |               |
| Chrysene               | 0.0800                | 0.0741              | 92.6          | 49.0-122         |               |
| Dibenz(a,h)anthracene  | 0.0800                | 0.0612              | 76.5          | 47.0-125         |               |
| Fluoranthene           | 0.0800                | 0.0841              | 105           | 49.0-129         |               |
| Fluorene               | 0.0800                | 0.0772              | 96.5          | 49.0-120         |               |
| Indeno(1,2,3-cd)pyrene | 0.0800                | 0.0591              | 73.9          | 46.0-125         |               |
| 1-Methylnaphthalene    | 0.0800                | 0.0824              | 103           | 51.0-121         |               |
| 2-Methylnaphthalene    | 0.0800                | 0.0802              | 100           | 50.0-120         |               |
| Naphthalene            | 0.0800                | 0.0731              | 91.4          | 50.0-120         |               |
| Pyrene                 | 0.0800                | 0.0600              | 75.0          | 43.0-123         |               |

Laboratory Control Sample (LCS)

(LCS) R4085573-1 06/22/24 18:44

| Analyte              | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|----------------------|-----------------------|---------------------|---------------|------------------|---------------|
| (S) p-Terphenyl-d14  |                       |                     | 82.0          | 23.0-120         |               |
| (S) Nitrobenzene-d5  |                       |                     | 88.8          | 14.0-149         |               |
| (S) 2-Fluorobiphenyl |                       |                     | 101           | 34.0-125         |               |

L1747046-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1747046-10 06/23/24 02:47 • (MS) R4085573-3 06/23/24 03:05 • (MSD) R4085573-4 06/23/24 03:22

| Analyte                | Spike Amount<br>mg/kg | Original Result<br>mg/kg | MS Result<br>mg/kg | MSD Result<br>mg/kg | MS Rec.<br>% | MSD Rec.<br>% | Dilution | Rec. Limits<br>% | MS Qualifier | MSD Qualifier | RPD<br>% | RPD Limits<br>% |
|------------------------|-----------------------|--------------------------|--------------------|---------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| Acenaphthene           | 0.0792                | U                        | 0.0683             | 0.0681              | 86.2         | 85.6          | 1        | 14.0-127         |              |               | 0.293    | 27              |
| Anthracene             | 0.0792                | U                        | 0.0654             | 0.0733              | 82.6         | 92.1          | 1        | 10.0-145         |              |               | 11.4     | 30              |
| Benzo(a)anthracene     | 0.0792                | U                        | 0.0721             | 0.0750              | 91.0         | 94.2          | 1        | 10.0-139         |              |               | 3.94     | 30              |
| Benzo(b)fluoranthene   | 0.0792                | U                        | 0.0598             | 0.0639              | 75.5         | 80.3          | 1        | 10.0-140         |              |               | 6.63     | 36              |
| Benzo(k)fluoranthene   | 0.0792                | U                        | 0.0569             | 0.0651              | 71.8         | 81.8          | 1        | 10.0-137         |              |               | 13.4     | 31              |
| Benzo(a)pyrene         | 0.0792                | U                        | 0.0585             | 0.0709              | 73.9         | 89.1          | 1        | 10.0-141         |              |               | 19.2     | 31              |
| Chrysene               | 0.0792                | U                        | 0.0733             | 0.0749              | 92.6         | 94.1          | 1        | 10.0-145         |              |               | 2.16     | 30              |
| Dibenz(a,h)anthracene  | 0.0792                | U                        | 0.0580             | 0.0673              | 73.2         | 84.5          | 1        | 10.0-132         |              |               | 14.8     | 31              |
| Fluoranthene           | 0.0792                | U                        | 0.0730             | 0.0844              | 92.2         | 106           | 1        | 10.0-153         |              |               | 14.5     | 33              |
| Fluorene               | 0.0792                | U                        | 0.0935             | 0.0792              | 118          | 99.5          | 1        | 11.0-130         |              |               | 16.6     | 29              |
| Indeno(1,2,3-cd)pyrene | 0.0792                | U                        | 0.0564             | 0.0651              | 71.2         | 81.8          | 1        | 10.0-137         |              |               | 14.3     | 32              |
| 1-Methylnaphthalene    | 0.0792                | U                        | 0.0768             | 0.0763              | 97.0         | 95.9          | 1        | 10.0-142         |              |               | 0.653    | 28              |
| 2-Methylnaphthalene    | 0.0792                | U                        | 0.0763             | 0.0735              | 96.3         | 92.3          | 1        | 10.0-137         |              |               | 3.74     | 28              |
| Naphthalene            | 0.0792                | U                        | 0.0717             | 0.0730              | 90.5         | 91.7          | 1        | 10.0-135         |              |               | 1.80     | 27              |
| Pyrene                 | 0.0792                | U                        | 0.0808             | 0.0707              | 102          | 88.8          | 1        | 10.0-148         |              |               | 13.3     | 35              |
| (S) p-Terphenyl-d14    |                       |                          |                    |                     | 112          | 91.8          |          | 23.0-120         |              |               |          |                 |
| (S) Nitrobenzene-d5    |                       |                          |                    |                     | 143          | 118           |          | 14.0-149         |              |               |          |                 |
| (S) 2-Fluorobiphenyl   |                       |                          |                    |                     | 92.9         | 92.8          |          | 34.0-125         |              |               |          |                 |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 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.

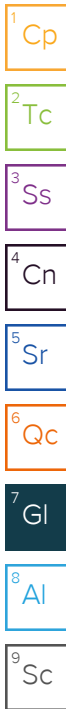
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location.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

### Abbreviations and Definitions

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

### Qualifier Description

|    |   |
|----|---|
| 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.              |
| J6 | The sample matrix interfered with the ability to make any accurate determination; spike value is low. |
| J7 | Surrogate recovery cannot be used for control limit evaluation due to dilution.                       |
| T8 | Sample(s) received past/too close to holding time expiration.   |



# 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.

