



December 19, 2019

Mr. Robert Chesson  
Department of Natural Resources  
Colorado Oil and Gas Conservation Commission  
1120 Lincoln Street, Suite 801  
Denver, Colorado 80203-2136

**RE: 2019 Annual Report**  
**Billings Battery**  
**NE ¼ NE ¼ SEC.34 T2N R68W 6PM**  
**40.099394, -104.983999**  
**Weld County, Colorado**

Dear Mr. Chesson:

This report summarizes activities conducted in 2019 to address petroleum hydrocarbon impacts at the Billings Tank Battery (site). The Billings Well Pad and Tank Battery site is located within the Northeast Quarter of Section 34, Township 2 North, Range 68 West, of the 6th Prime Meridian. A location map (Figure 1), and analytical result (Table 2) are attached.

#### **BACKGROUND**

On May 31, 2019, a soil sample was collected from immediately northwest of the northern most tank. The soil sample was collected from a depth of 5 feet below ground surface (bgs). The soil sample was in excess of COGCC Table 910-1 allowable limits for benzene and pH.

On August 12, 2019, twelve additional borings were advanced at the site in the area surrounding the initial sample. All of the soil samples were below the COGCC standards.

#### **2019 Monitoring Results**

Groundwater samples were collected from each well and analyzed beginning in August 2019 for BTEX. Groundwater monitoring was conducted on 8/29/2019, 10/23/2019, and 11/16/2019.

On October 15, 2019, a COGAC™ injection event was performed in the vicinity of monitoring well TMW-4. A total of 8 injection points were advanced with injection intervals ranging from 12 to 17 feet below ground surface. A total of 1,000 pounds of COGAC™ was introduced to the subsurface intervals.

Monitoring well TMW-04, was reported to be above the COGCC Table 910-1 allowable limit on 8/29/2019. On the subsequent dates, the monitoring wells TMW-1, TMW-2, TMW-3 and TMW-4 were dry and were unable to be sampled.



Sincerely,

David Tewkesbury  
EH&S Compliance Tech/LDAR Inspector  
Crestone Peak Resources  
10188 E. Interstate 25 Frontage Road  
Firestone, CO 80504  
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c 720.236.5525  
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**Attachments:**

- Table 1 – Groundwater Elevation Data
- Table 2 – Groundwater Analytical Results
- Table 3 – Soil Analytical Results
- Figure 1 – Site Location Map
- Figure 2 – Groundwater Monitoring Map (8/29/2019)
- Figure 3 – Groundwater Monitoring Map (8/29/2019)

**TABLE 1 - GROUNDWATER ELEVATION  
CRESTONE PEAK RESOURCES**

**Billings 1**

| Well ID | Date       | Top of Casing | Depth to Groundwater (feet) | Groundwater Elevation (feet) | Temperature (°C) | Conductivity (µS/cm) | Oxidation-Reduction Potential (mV) | Dissolved Oxygen (mg/L) | pH (SU) |
|---------|------------|---------------|-----------------------------|------------------------------|------------------|----------------------|------------------------------------|-------------------------|---------|
| TMW-1   | 8/29/2019  | 100.00        | DRY                         | DRY                          | DRY              | DRY                  | DRY                                | DRY                     | DRY     |
|         | 10/23/2019 |               | DRY                         | DRY                          | DRY              | DRY                  | DRY                                | DRY                     |         |
|         | 11/6/2019  |               | DRY                         | DRY                          | DRY              | DRY                  | DRY                                | DRY                     |         |
| TMW-2   | 8/29/2019  | 100.19        | 15.16                       | 85.03                        | NM               | NM                   | NM                                 | NM                      | NM      |
|         | 10/23/2019 |               | 13.40                       | 86.79                        | NM               | NM                   | NM                                 | NM                      | NM      |
|         | 11/6/2019  |               | NM                          | NM                           | NM               | NM                   | NM                                 | NM                      | NM      |
| TMW-3   | 8/29/2019  | 100.33        | DRY                         | DRY                          | DRY              | DRY                  | DRY                                | DRY                     | DRY     |
|         | 10/23/2019 |               | DRY                         | DRY                          | DRY              | DRY                  | DRY                                | DRY                     |         |
|         | 11/6/2019  |               | 17.58                       | 82.75                        | NM               | NM                   | NM                                 | NM                      | NM      |
| TMW-4   | 8/29/2019  | 99.98         | 14.73                       | 85.25                        | NM               | NM                   | NM                                 | NM                      | NM      |
|         | 10/23/2019 |               | DRY                         | DRY                          | DRY              | DRY                  | DRY                                | DRY                     |         |
|         | 11/6/2019  |               | DRY                         | DRY                          | DRY              | DRY                  | DRY                                | DRY                     |         |

**NOTES:**

DES - Destroyed

NM - Not Measured

**TABLE 2 - GROUNDWATER ANALYTICAL RESULTS  
CRESTONE PEAK RESOURCES**

**Billings 1**

| <b>Sample ID</b>               | <b>Date</b> | <b>Benzene<br/>(µg/L)</b> | <b>Toluene<br/>(µg/L)</b> | <b>Ethylbenzene<br/>(µg/L)</b> | <b>Total Xylenes<br/>(µg/L)</b> |
|--------------------------------|-------------|---------------------------|---------------------------|--------------------------------|---------------------------------|
| <b>COGCC Table 910-1 Limit</b> |             | <b>5</b>                  | <b>560</b>                | <b>700</b>                     | <b>1,400</b>                    |
| TMW-1                          | 8/29/2019   | NS                        | NS                        | NS                             | NS                              |
|                                | 10/23/2019  | NS                        | NS                        | NS                             | NS                              |
|                                | 11/6/2019   | NS                        | NS                        | NS                             | NS                              |
| TMW-2                          | 8/29/2019   | <1.0                      | <1.0                      | <1.0                           | <1.0                            |
|                                | 10/23/2019  | Sample lost at lab        | Sample lost at lab        | Sample lost at lab             | Sample lost at lab              |
|                                | 11/6/2019   | NS                        | NS                        | NS                             | NS                              |
| TMW-3                          | 8/29/2019   | NS                        | NS                        | NS                             | NS                              |
|                                | 10/23/2019  | NS                        | NS                        | NS                             | NS                              |
|                                | 11/6/2019   | NS                        | NS                        | NS                             | NS                              |
| TMW-4                          | 8/29/2019   | <b>227</b>                | <1.0                      | 390                            | 10                              |
|                                | 10/23/2019  | NS                        | NS                        | NS                             | NS                              |
|                                | 11/6/2019   | NS                        | NS                        | NS                             | NS                              |

**NOTES:**

µg/L - micrograms per liter

**BOLD** - indicates result exceeds the applicable standard

< - indicates result is less than the stated laboratory reporting limit

NS - Not Sampled

COGCC Table 910-1 - Colorado Oil and Gas CoNServation Commission Table 910-1

Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B

**TABLE 3 - SOIL ANALYTICAL RESULTS  
CRESTONE PEAK RESOURCES**

**Billings**

| Sample ID                      | Date     | Depth Range (ft) | Benzene (mg/kg) | Toluene (mg/Kg) | Ethylbenzene (mg/Kg) | Total Xylenes (mg/Kg) | TPH-GRO (mg/Kg) | TPH-DRO (mg/Kg) | Total TPH (mg/Kg) |
|--------------------------------|----------|------------------|-----------------|-----------------|----------------------|-----------------------|-----------------|-----------------|-------------------|
| <b>COGCC Table 910-1 Limit</b> |          |                  | <b>0.17</b>     | <b>85</b>       | <b>100</b>           | <b>175</b>            | <b>500</b>      | <b>500</b>      | <b>500</b>        |
| SB-01                          | 05/31/19 | 2.5-5            | <b>0.651</b>    | 0.056           | 0.548                | 5.02                  | 83.6            | 50.8            | 134               |
| B-1                            | 08/12/19 | 10-11            | <0.001          | <0.005          | 0.0104               | 0.0276                | 32.9            | 357             | 390               |
| B-1                            | 08/12/19 | 11-12            | 0.00845         | <0.005          | 0.0430               | 0.0553                | 186             | 145             | 331               |
| B-2                            | 08/12/19 | 8-9              | <0.001          | <0.005          | 0.00490              | <0.0065               | 135             | 278             | 413               |
| B-3                            | 08/12/19 | 9-10             | <0.004          | <0.02           | 0.251                | <0.0260               | <b>855</b>      | 308             | <b>1,163</b>      |
| B-4                            | 08/12/19 | 8-9              | <0.001          | <0.005          | 0.142                | <0.0065               | 243             | 246             | 489               |
| B-5                            | 08/12/19 | 13-14            | 0.00445         | <0.005          | 0.51400              | 0.02360               | 135             | 23              | 158               |
| B-6                            | 08/12/19 | 20-21            | <0.001          | <0.005          | 0.00250              | 0.00650               | <0.100          | <4.00           | <4.00             |
| B-7                            | 08/12/19 | 10-11            | <0.001          | <0.005          | <0.0025              | 0.00650               | 42              | 124             | 166               |
| B-8                            | 08/12/19 | 9-10             | <0.001          | <0.005          | 0.26700              | <0.0065               | 53.5            | 219             | 273               |
| B-9                            | 08/12/19 | 23-24            | <0.001          | <0.005          | <0.0025              | <0.0065               | <1.0            | <4.0            | <4.0              |
| B-10                           | 08/12/19 | 10-11            | <0.008          | <0.04           | <0.02                | <0.052                | 242             | 345             | <b>587</b>        |
| B-10                           | 08/12/19 | 19-20            | <0.001          | <0.005          | <0.0025              | 0.00650               | 13.3            | 28.4            | 42                |
| B-11                           | 08/12/19 | 17-18            | <0.001          | <0.005          | 0.01890              | <0.0065               | 57.7            | 12.1            | 70                |
| B-12                           | 08/12/19 | 9-10             | <0.001          | <0.005          | 0.00281              | <0.0065               | 90.3            | 155             | 245               |

**NOTES:**

mg/Kg - milligrams per kilogram

**BOLD** - indicates result exceeds the applicable standard

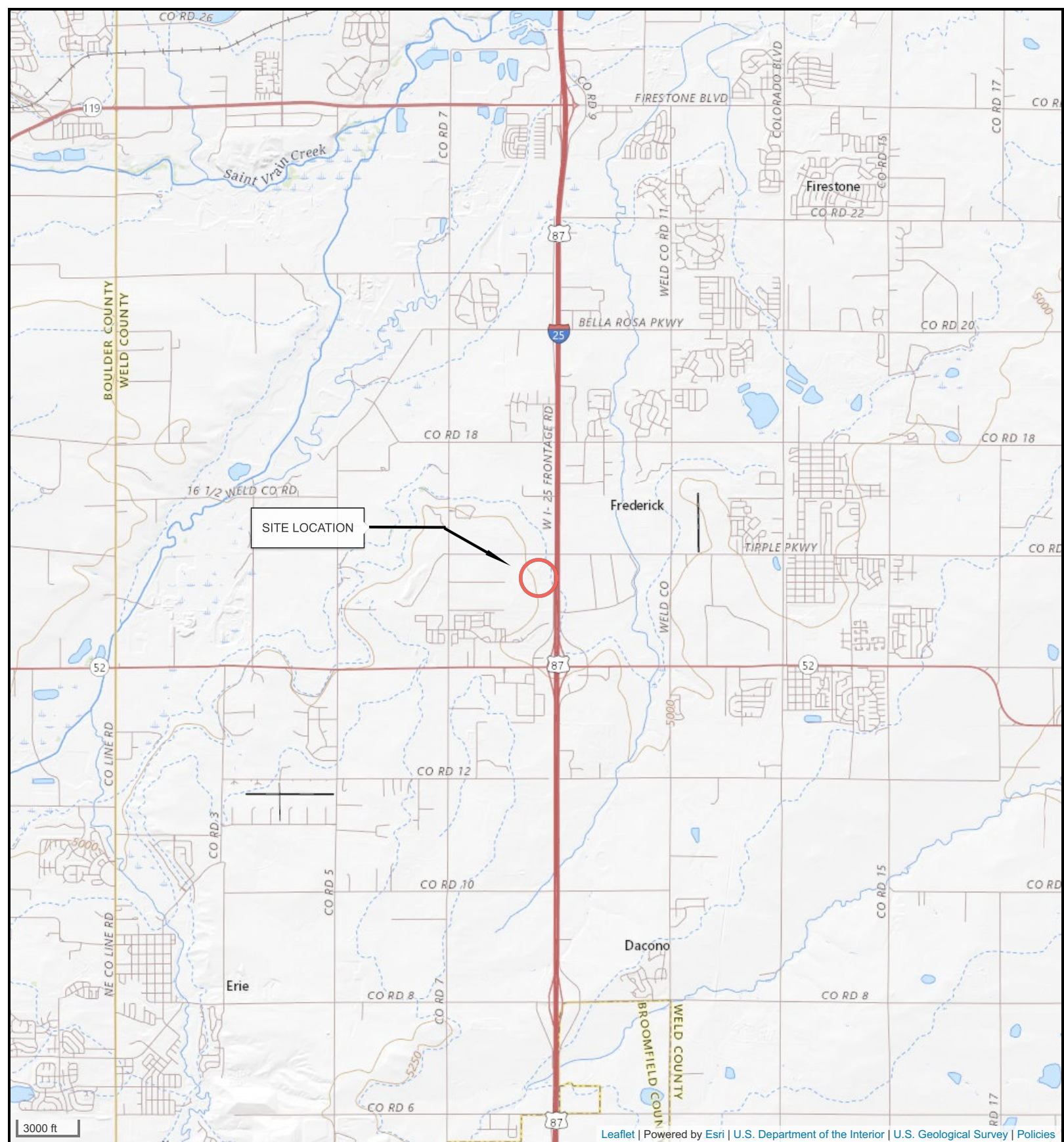
< - indicates result is less than the stated laboratory reporting limit

NM - Not Measured/Sampled

COGCC Table 910-1 - Colorado Oil and Gas Conservation Commission Table 910-1

Benzene, toluene, ethylbenzene, total xylenes and TPH-GRO analyzed by EPA Method 8260B.

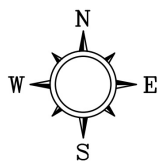
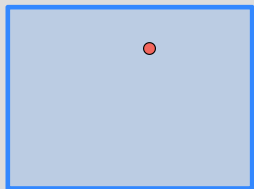
TPH-DRO was analyzed by EPA Method 8015.



Leaflet | Powered by Esri | U.S. Department of the Interior | U.S. Geological Survey | Policies

3000 ft

Latitude: 40.099394  
Longitude: -104.983999



Crestone Peak Resources  
Billings

**FIGURE 1**  
**SITE LOCATION MAP**

40.099394, -104.983999  
Frederick, Colorado







June 06, 2019

Eagle Environmental Consulting, Inc.

Dan Coloccia

4101 Inca Street

Denver

CO 80211

**Project Name - CPR - Billings 1 Battery**

**Project Number - [none]**

Attached are your analytical results for CPR - Billings 1 Battery received by Origins Laboratory, Inc. May 31, 2019. This project is associated with Origins project number Y906007-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.  
303.433.1322  
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Eagle Environmental Consulting, Inc.  
4101 Inca Street  
Denver CO 80211

Dan Coloccia  
Project Number: [none]  
Project: CPR - Billings 1 Battery

CROSS REFERENCE REPORT

| Sample ID    | Laboratory ID | Matrix | Date Sampled       | Date Received    |
|--------------|---------------|--------|--------------------|------------------|
| SB-01@2.5-5' | Y906007-01    | Soil   | May 31, 2019 13:20 | 05/31/2019 16:30 |

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Eagle Environmental Consulting, Inc.  
 4101 Inca Street  
 Denver CO 80211

Dan Coloccia  
 Project Number: [none]  
 Project: CPR - Billings 1 Battery

Origins Laboratory

F-012207-01-R1  
 Effective Date: 01/09/12

**Sample Receipt Checklist**

Origins Work Order: Y906007

Client: Eagle

Client Project ID: CPR - Billings 1 Battery

Checklist Completed by: JG

Shipped Via: HD

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 6/3/2019

Airbill #: N/A

Matrix(s) Received: (Check all that apply):  Soil/Solid  Water  Other: \_\_\_\_\_

Cooler Number/Temperature: 1 / 0.6 °C \_\_\_\_\_ / \_\_\_\_\_ °C \_\_\_\_\_ / \_\_\_\_\_ °C \_\_\_\_\_ / \_\_\_\_\_ °C (Describe)

Thermometer ID: T003

| Requirement Description                                                                                                                                                                                                                                                                                                                                                                                        | Yes                                 | No                                  | N/A | Comments (if any) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-----|-------------------|
| If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)?</sup>                                                                                                                                                                                                                                                                                                                           | <input checked="" type="checkbox"/> |                                     |     |                   |
| Is there ice present (document if blue ice is used)                                                                                                                                                                                                                                                                                                                                                            | <input checked="" type="checkbox"/> |                                     |     |                   |
| Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)                                                                                                                                                                                                                                                                                              |                                     | <input checked="" type="checkbox"/> |     |                   |
| Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)                                                                                                                                                                                                                                                                               |                                     | <input checked="" type="checkbox"/> |     |                   |
| Were all samples received intact <sup>(1)?</sup>                                                                                                                                                                                                                                                                                                                                                               | <input checked="" type="checkbox"/> |                                     |     |                   |
| Was adequate sample volume provided <sup>(1)?</sup>                                                                                                                                                                                                                                                                                                                                                            | <input checked="" type="checkbox"/> |                                     |     |                   |
| Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)?</sup>                                                                                                                                                                                                                                                                                                                |                                     | <input checked="" type="checkbox"/> |     |                   |
| Is a chain-of-custody (COC) present and filled out completely <sup>(1)?</sup>                                                                                                                                                                                                                                                                                                                                  | <input checked="" type="checkbox"/> |                                     |     |                   |
| Does the COC agree with the number and type of sample bottles received <sup>(1)?</sup>                                                                                                                                                                                                                                                                                                                         | <input checked="" type="checkbox"/> |                                     |     |                   |
| Do the sample IDs on the bottle labels match the COC <sup>(1)?</sup>                                                                                                                                                                                                                                                                                                                                           | <input checked="" type="checkbox"/> |                                     |     |                   |
| Is the COC properly relinquished by the client with date and time recorded <sup>(1)?</sup>                                                                                                                                                                                                                                                                                                                     | <input checked="" type="checkbox"/> |                                     |     |                   |
| For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.                                                                                                                                                                                                                                                                                           |                                     | <input checked="" type="checkbox"/> |     |                   |
| Are samples preserved that require preservation and was it checked <sup>(1)?</sup> (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / (pH >10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH) |                                     | <input checked="" type="checkbox"/> |     |                   |
| Additional Comments (if any):                                                                                                                                                                                                                                                                                                                                                                                  |                                     |                                     |     |                   |

<sup>(1)</sup>If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) JG

Date/Time Reviewed 6/4/19

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 4101 Inca Street  
 Denver CO 80211

Dan Coloccia  
 Project Number: [none]  
 Project: CPR - Billings 1 Battery

**SB-01@2.5-5'**  
**5/31/2019 1:20:00PM**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyst | Prepared | Analyzed | Notes |
|---------|--------|-----------------|-------|----------|-------|---------|----------|----------|-------|
|---------|--------|-----------------|-------|----------|-------|---------|----------|----------|-------|

**Origins Laboratory, Inc.**  
**Y906007-01 (Soil)**

**BTEX by EPA 8260D**

|                |       |       |       |    |         |     |            |            |  |
|----------------|-------|-------|-------|----|---------|-----|------------|------------|--|
| Benzene        | 0.651 | 0.050 | mg/kg | 25 | B9F0304 | JTD | 06/03/2019 | 06/05/2019 |  |
| Toluene        | 0.056 | 0.050 | "     | "  | "       | JTD | "          | "          |  |
| Ethylbenzene   | 0.548 | 0.050 | "     | "  | "       | JTD | "          | "          |  |
| Xylenes, total | 5.02  | 0.050 | "     | "  | "       | JTD | "          | "          |  |

|                                  |       |        |  |  |   |   |   |   |  |
|----------------------------------|-------|--------|--|--|---|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 105 % | 70-130 |  |  | " | " | " | " |  |
| Surrogate: Toluene-d8            | 108 % | 70-130 |  |  | " | " | " | " |  |
| Surrogate: 4-Bromofluorobenzene  | 102 % | 70-130 |  |  | " | " | " | " |  |

**Metals (Saturated Paste Prep)**

|           |       |  |      |   |          |  |            |            |  |
|-----------|-------|--|------|---|----------|--|------------|------------|--|
| Calcium   | 13.74 |  | me/L | 1 | '[none]' |  | 06/04/2019 | 06/06/2019 |  |
| Magnesium | 5.49  |  | "    | " | "        |  | "          | "          |  |
| Sodium    | 3.16  |  | "    | " | "        |  | "          | "          |  |

**pH in Soil by EPA 9045D**

|    |      |  |          |   |         |      |            |            |  |
|----|------|--|----------|---|---------|------|------------|------------|--|
| pH | 9.04 |  | pH Units | 1 | B9F0306 | OLAB | 06/03/2019 | 06/03/2019 |  |
|----|------|--|----------|---|---------|------|------------|------------|--|

**SAR by 20B Saturated Paste**

|     |      |  |  |   |          |  |            |            |  |
|-----|------|--|--|---|----------|--|------------|------------|--|
| SAR | 1.02 |  |  | 1 | '[none]' |  | 06/04/2019 | 06/06/2019 |  |
|-----|------|--|--|---|----------|--|------------|------------|--|

**Specific Conductance by Modified 9050A**

|                           |       |         |          |   |         |      |            |            |  |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|
| Specific Conductance (EC) | 0.238 | 0.00505 | mmhos/cm | 1 | B9F0307 | OLAB | 06/03/2019 | 06/03/2019 |  |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
4101 Inca Street  
Denver CO 80211

Dan Coloccia  
Project Number: [none]  
Project: CPR - Billings 1 Battery

**SB-01@2.5-5'**

**5/31/2019 1:20:00PM**

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Analyst | Prepared | Analyzed | Notes |
|---------|--------|--------------------|-------|----------|-------|---------|----------|----------|-------|
|---------|--------|--------------------|-------|----------|-------|---------|----------|----------|-------|

**Origins Laboratory, Inc.**  
**Y906007-01 (Soil)**

**TPH-Carbon Chain by EPA 8015D**

|                                   |        |      |        |   |         |     |            |            |   |
|-----------------------------------|--------|------|--------|---|---------|-----|------------|------------|---|
| Gasoline (C6-C10)                 | 83.6   | 50.0 | mg/kg  | 1 | B9F0305 | JTD | 06/03/2019 | 06/04/2019 |   |
| Diesel (C10-C28)                  | 50.8   | 50.0 | "      | " | "       | JTD | "          | "          |   |
| Residual Range Organics (C28-C40) | ND     | 200  | "      | " | "       | JTD | "          | "          | U |
| Surrogate: o-Terphenyl            | 87.0 % |      | 50-150 |   | "       | "   | "          | "          |   |

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 4101 Inca Street  
 Denver CO 80211

Dan Coloccia  
 Project Number: [none]  
 Project: CPR - Billings 1 Battery

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B9F0304 - EPA 5030 (soil)**

**Blank (B9F0304-BLK1)**

Prepared: 06/03/2019 Analyzed: 06/03/2019

|                                         |             |       |          |              |  |             |               |  |  |   |
|-----------------------------------------|-------------|-------|----------|--------------|--|-------------|---------------|--|--|---|
| Benzene                                 | ND          | 0.002 | mg/kg    |              |  |             |               |  |  | U |
| Toluene                                 | ND          | 0.002 | "        |              |  |             |               |  |  | U |
| Ethylbenzene                            | ND          | 0.002 | "        |              |  |             |               |  |  | U |
| Xylenes, total                          | ND          | 0.002 | "        |              |  |             |               |  |  | U |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | <i>0.15</i> |       | <i>"</i> | <i>0.125</i> |  | <i>119</i>  | <i>70-130</i> |  |  |   |
| <i>Surrogate: Toluene-d8</i>            | <i>0.11</i> |       | <i>"</i> | <i>0.125</i> |  | <i>89.2</i> | <i>70-130</i> |  |  |   |
| <i>Surrogate: 4-Bromofluorobenzene</i>  | <i>0.13</i> |       | <i>"</i> | <i>0.125</i> |  | <i>101</i>  | <i>70-130</i> |  |  |   |

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 4101 Inca Street  
 Denver CO 80211

Dan Coloccia  
 Project Number: [none]  
 Project: CPR - Billings 1 Battery

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B9F0304 - EPA 5030 (soil)**

**LCS (B9F0304-BS1)**

Prepared: 06/03/2019 Analyzed: 06/03/2019

|                                  |       |       |       |       |  |      |        |  |  |  |
|----------------------------------|-------|-------|-------|-------|--|------|--------|--|--|--|
| Benzene                          | 0.105 | 0.002 | mg/kg | 0.100 |  | 105  | 70-130 |  |  |  |
| Toluene                          | 0.092 | 0.002 | "     | 0.100 |  | 91.8 | 70-130 |  |  |  |
| Ethylbenzene                     | 0.098 | 0.002 | "     | 0.100 |  | 98.1 | 70-130 |  |  |  |
| m,p-Xylene                       | 0.197 | 0.004 | "     | 0.200 |  | 98.5 | 70-130 |  |  |  |
| o-Xylene                         | 0.096 | 0.002 | "     | 0.100 |  | 96.4 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.13  |       | "     | 0.125 |  | 102  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.11  |       | "     | 0.125 |  | 91.7 | 70-130 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.13  |       | "     | 0.125 |  | 104  | 70-130 |  |  |  |

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 Denver CO 80211

Dan Coloccia  
 Project Number: [none]  
 Project: CPR - Billings 1 Battery

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B9F0304 - EPA 5030 (soil)

| Matrix Spike (B9F0304-MS1)       | Source: Y906002-01 |       |       | Prepared: 06/03/2019 Analyzed: 06/04/2019 |    |      |        |  |  |       |
|----------------------------------|--------------------|-------|-------|-------------------------------------------|----|------|--------|--|--|-------|
| Benzene                          | 0.087              | 0.002 | mg/kg | 0.100                                     | ND | 86.9 | 70-130 |  |  |       |
| Toluene                          | 0.071              | 0.002 | "     | 0.100                                     | ND | 71.0 | 70-130 |  |  |       |
| Ethylbenzene                     | 0.065              | 0.002 | "     | 0.100                                     | ND | 64.6 | 70-130 |  |  | QM-07 |
| m,p-Xylene                       | 0.128              | 0.004 | "     | 0.200                                     | ND | 64.1 | 70-130 |  |  | QM-07 |
| o-Xylene                         | 0.065              | 0.002 | "     | 0.100                                     | ND | 64.9 | 70-130 |  |  | QM-07 |
| Surrogate: 1,2-Dichloroethane-d4 | 0.14               |       | "     | 0.125                                     |    | 115  | 70-130 |  |  |       |
| Surrogate: Toluene-d8            | 0.11               |       | "     | 0.125                                     |    | 88.2 | 70-130 |  |  |       |
| Surrogate: 4-Bromofluorobenzene  | 0.12               |       | "     | 0.125                                     |    | 97.5 | 70-130 |  |  |       |

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 Denver CO 80211

Dan Coloccia  
 Project Number: [none]  
 Project: CPR - Billings 1 Battery

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B9F0304 - EPA 5030 (soil)

| Matrix Spike Dup (B9F0304-MSD1)  | Source: Y906002-01 |       |       | Prepared: 06/03/2019 Analyzed: 06/03/2019 |    |      |        |      |    |       |
|----------------------------------|--------------------|-------|-------|-------------------------------------------|----|------|--------|------|----|-------|
| Benzene                          | 0.088              | 0.002 | mg/kg | 0.100                                     | ND | 88.0 | 70-130 | 1.26 | 20 |       |
| Toluene                          | 0.082              | 0.002 | "     | 0.100                                     | ND | 81.7 | 70-130 | 13.9 | 20 |       |
| Ethylbenzene                     | 0.083              | 0.002 | "     | 0.100                                     | ND | 83.4 | 70-130 | 25.5 | 20 | QR-03 |
| m,p-Xylene                       | 0.171              | 0.004 | "     | 0.200                                     | ND | 85.4 | 70-130 | 28.4 | 20 | QR-03 |
| o-Xylene                         | 0.085              | 0.002 | "     | 0.100                                     | ND | 85.5 | 70-130 | 27.3 | 20 | QR-03 |
| Surrogate: 1,2-Dichloroethane-d4 | 0.15               |       | "     | 0.125                                     |    | 119  | 70-130 |      |    |       |
| Surrogate: Toluene-d8            | 0.11               |       | "     | 0.125                                     |    | 88.1 | 70-130 |      |    |       |
| Surrogate: 4-Bromofluorobenzene  | 0.12               |       | "     | 0.125                                     |    | 99.6 | 70-130 |      |    |       |

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Dan Coloccia  
 Project Number: [none]  
 Project: CPR - Billings 1 Battery

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

| Analyte                           | Result | Reporting Limit | Units | Spike Level | Source Result                             | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------------|--------|-----------------|-------|-------------|-------------------------------------------|------|-------------|-----|-----------|-------|
| <b>Batch B9F0305 - EPA 3580</b>   |        |                 |       |             |                                           |      |             |     |           |       |
| <b>Blank (B9F0305-BLK1)</b>       |        |                 |       |             |                                           |      |             |     |           |       |
|                                   |        |                 |       |             | Prepared: 06/03/2019 Analyzed: 06/03/2019 |      |             |     |           |       |
| Gasoline (C6-C10)                 | ND     | 50.0            | mg/kg |             |                                           |      |             |     |           | U     |
| Diesel (C10-C28)                  | ND     | 50.0            | "     |             |                                           |      |             |     |           | U     |
| Residual Range Organics (C28-C40) | ND     | 200             | "     |             |                                           |      |             |     |           | U     |
| Surrogate: o-Terphenyl            | 40.2   |                 | "     | 50.0        |                                           | 80.4 | 50-150      |     |           |       |

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Dan Coloccia  
 Project Number: [none]  
 Project: CPR - Billings 1 Battery

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

| Analyte                           | Result | Reporting Limit | Units | Spike Level | Source Result                             | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------------|--------|-----------------|-------|-------------|-------------------------------------------|------|-------------|-----|-----------|-------|
| <b>Batch B9F0305 - EPA 3580</b>   |        |                 |       |             |                                           |      |             |     |           |       |
| <b>Blank (B9F0305-BLK2)</b>       |        |                 |       |             |                                           |      |             |     |           |       |
|                                   |        |                 |       |             | Prepared: 06/03/2019 Analyzed: 06/03/2019 |      |             |     |           |       |
| Gasoline (C6-C10)                 | ND     | 50.0            | mg/kg |             |                                           |      |             |     |           | U     |
| Diesel (C10-C28)                  | ND     | 50.0            | "     |             |                                           |      |             |     |           | U     |
| Residual Range Organics (C28-C40) | ND     | 200             | "     |             |                                           |      |             |     |           | U     |
| Surrogate: o-Terphenyl            | 45.9   |                 | "     | 50.0        |                                           | 91.9 | 50-150      |     |           |       |

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Dan Coloccia  
 Project Number: [none]  
 Project: CPR - Billings 1 Battery

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

| Analyte                           | Result | Reporting Limit | Units | Spike Level | Source Result                             | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------------|--------|-----------------|-------|-------------|-------------------------------------------|------|-------------|-----|-----------|-------|
| <b>Batch B9F0305 - EPA 3580</b>   |        |                 |       |             |                                           |      |             |     |           |       |
| <b>Blank (B9F0305-BLK3)</b>       |        |                 |       |             |                                           |      |             |     |           |       |
|                                   |        |                 |       |             | Prepared: 06/03/2019 Analyzed: 06/03/2019 |      |             |     |           |       |
| Gasoline (C6-C10)                 | ND     | 50.0            | mg/kg |             |                                           |      |             |     |           | U     |
| Diesel (C10-C28)                  | ND     | 50.0            | "     |             |                                           |      |             |     |           | U     |
| Residual Range Organics (C28-C40) | ND     | 200             | "     |             |                                           |      |             |     |           | U     |
| Surrogate: o-Terphenyl            | 42.6   |                 | "     | 50.0        |                                           | 85.2 | 50-150      |     |           |       |

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Dan Coloccia  
 Project Number: [none]  
 Project: CPR - Billings 1 Battery

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B9F0305 - EPA 3580**

**LCS (B9F0305-BS1)**

Prepared: 06/03/2019 Analyzed: 06/03/2019

|                                   |      |      |       |      |  |      |        |  |  |  |
|-----------------------------------|------|------|-------|------|--|------|--------|--|--|--|
| Gasoline (C6-C10)                 | 966  | 50.0 | mg/kg | 1000 |  | 96.6 | 70-130 |  |  |  |
| Diesel (C10-C28)                  | 955  | 50.0 | "     | 1000 |  | 95.5 | 70-130 |  |  |  |
| Residual Range Organics (C28-C40) | 859  | 200  | "     | 1000 |  | 85.9 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl            | 49.3 |      | "     | 50.0 |  | 98.6 | 50-150 |  |  |  |

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 Project Number: [none]  
 Project: CPR - Billings 1 Battery

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B9F0305 - EPA 3580**

**LCS (B9F0305-BS2)**

Prepared: 06/03/2019 Analyzed: 06/03/2019

|                                   |      |      |       |      |  |      |        |  |  |  |
|-----------------------------------|------|------|-------|------|--|------|--------|--|--|--|
| Gasoline (C6-C10)                 | 979  | 50.0 | mg/kg | 1000 |  | 97.9 | 70-130 |  |  |  |
| Diesel (C10-C28)                  | 961  | 50.0 | "     | 1000 |  | 96.1 | 70-130 |  |  |  |
| Residual Range Organics (C28-C40) | 910  | 200  | "     | 1000 |  | 91.0 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl            | 44.2 |      | "     | 50.0 |  | 88.5 | 50-150 |  |  |  |

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Dan Coloccia  
 Project Number: [none]  
 Project: CPR - Billings 1 Battery

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B9F0305 - EPA 3580

**LCS (B9F0305-BS3)**

Prepared: 06/03/2019 Analyzed: 06/03/2019

|                                   |      |      |       |      |  |      |        |  |  |  |
|-----------------------------------|------|------|-------|------|--|------|--------|--|--|--|
| Gasoline (C6-C10)                 | 956  | 50.0 | mg/kg | 1000 |  | 95.6 | 70-130 |  |  |  |
| Diesel (C10-C28)                  | 927  | 50.0 | "     | 1000 |  | 92.7 | 70-130 |  |  |  |
| Residual Range Organics (C28-C40) | 901  | 200  | "     | 1000 |  | 90.1 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl            | 50.4 |      | "     | 50.0 |  | 101  | 50-150 |  |  |  |

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Dan Coloccia  
 Project Number: [none]  
 Project: CPR - Billings 1 Battery

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B9F0305 - EPA 3580

| Matrix Spike (B9F0305-MS1)        | Source: Y906002-01 |      |       | Prepared: 06/03/2019 Analyzed: 06/03/2019 |      |      |        |  |  |  |
|-----------------------------------|--------------------|------|-------|-------------------------------------------|------|------|--------|--|--|--|
| Gasoline (C6-C10)                 | 908                | 50.0 | mg/kg | 1000                                      | ND   | 90.8 | 70-130 |  |  |  |
| Diesel (C10-C28)                  | 889                | 50.0 | "     | 1000                                      | 19.3 | 87.0 | 70-130 |  |  |  |
| Residual Range Organics (C28-C40) | 823                | 200  | "     | 1000                                      | 11.3 | 81.1 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl            | 43.7               |      | "     | 50.0                                      |      | 87.4 | 50-150 |  |  |  |

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Dan Coloccia  
 Project Number: [none]  
 Project: CPR - Billings 1 Battery

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B9F0305 - EPA 3580**

| <b>Matrix Spike (B9F0305-MS2)</b> | <b>Source: Y905472-04</b> |      |       | <b>Prepared: 06/03/2019 Analyzed: 06/03/2019</b> |      |      |        |  |  |  |
|-----------------------------------|---------------------------|------|-------|--------------------------------------------------|------|------|--------|--|--|--|
| Gasoline (C6-C10)                 | 876                       | 50.0 | mg/kg | 1000                                             | ND   | 87.6 | 70-130 |  |  |  |
| Diesel (C10-C28)                  | 860                       | 50.0 | "     | 1000                                             | 21.8 | 83.9 | 70-130 |  |  |  |
| Residual Range Organics (C28-C40) | 791                       | 200  | "     | 1000                                             | 8.09 | 78.3 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl            | 35.9                      |      | "     | 50.0                                             |      | 71.8 | 50-150 |  |  |  |

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Dan Coloccia  
 Project Number: [none]  
 Project: CPR - Billings 1 Battery

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B9F0305 - EPA 3580**

| <b>Matrix Spike (B9F0305-MS3)</b> | <b>Source: Y906030-04</b> |      |       | <b>Prepared: 06/03/2019 Analyzed: 06/03/2019</b> |      |      |        |  |  |  |
|-----------------------------------|---------------------------|------|-------|--------------------------------------------------|------|------|--------|--|--|--|
| Gasoline (C6-C10)                 | 929                       | 50.0 | mg/kg | 1000                                             | ND   | 92.9 | 70-130 |  |  |  |
| Diesel (C10-C28)                  | 915                       | 50.0 | "     | 1000                                             | 18.7 | 89.6 | 70-130 |  |  |  |
| Residual Range Organics (C28-C40) | 880                       | 200  | "     | 1000                                             | 9.37 | 87.1 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl            | 46.7                      |      | "     | 50.0                                             |      | 93.3 | 50-150 |  |  |  |

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Dan Coloccia  
 Project Number: [none]  
 Project: CPR - Billings 1 Battery

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B9F0305 - EPA 3580

| Matrix Spike Dup (B9F0305-MSD1)   | Source: Y906002-01 |      |       | Prepared: 06/03/2019 Analyzed: 06/03/2019 |      |      |        |       |    |  |
|-----------------------------------|--------------------|------|-------|-------------------------------------------|------|------|--------|-------|----|--|
| Gasoline (C6-C10)                 | 906                | 50.0 | mg/kg | 1000                                      | ND   | 90.6 | 70-130 | 0.289 | 35 |  |
| Diesel (C10-C28)                  | 875                | 50.0 | "     | 1000                                      | 19.3 | 85.6 | 70-130 | 1.58  | 35 |  |
| Residual Range Organics (C28-C40) | 827                | 200  | "     | 1000                                      | 11.3 | 81.6 | 70-130 | 0.503 | 35 |  |
| Surrogate: o-Terphenyl            | 44.3               |      | "     | 50.0                                      |      | 88.7 | 50-150 |       |    |  |

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Dan Coloccia  
 Project Number: [none]  
 Project: CPR - Billings 1 Battery

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B9F0305 - EPA 3580

| Matrix Spike Dup (B9F0305-MSD2)   | Source: Y905472-04 |      |       | Prepared: 06/03/2019 Analyzed: 06/03/2019 |      |      |        |      |    |  |
|-----------------------------------|--------------------|------|-------|-------------------------------------------|------|------|--------|------|----|--|
| Gasoline (C6-C10)                 | 987                | 50.0 | mg/kg | 1000                                      | ND   | 98.7 | 70-130 | 11.9 | 35 |  |
| Diesel (C10-C28)                  | 990                | 50.0 | "     | 1000                                      | 21.8 | 96.8 | 70-130 | 14.0 | 35 |  |
| Residual Range Organics (C28-C40) | 937                | 200  | "     | 1000                                      | 8.09 | 92.9 | 70-130 | 16.8 | 35 |  |
| Surrogate: o-Terphenyl            | 48.2               |      | "     | 50.0                                      |      | 96.4 | 50-150 |      |    |  |

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Dan Coloccia  
 Project Number: [none]  
 Project: CPR - Billings 1 Battery

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B9F0305 - EPA 3580**

| <b>Matrix Spike Dup (B9F0305-MSD3)</b> | <b>Source: Y906030-04</b> |      |       | <b>Prepared: 06/03/2019 Analyzed: 06/03/2019</b> |      |      |        |       |    |  |
|----------------------------------------|---------------------------|------|-------|--------------------------------------------------|------|------|--------|-------|----|--|
| Gasoline (C6-C10)                      | 935                       | 50.0 | mg/kg | 1000                                             | ND   | 93.5 | 70-130 | 0.663 | 35 |  |
| Diesel (C10-C28)                       | 911                       | 50.0 | "     | 1000                                             | 18.7 | 89.3 | 70-130 | 0.371 | 35 |  |
| Residual Range Organics (C28-C40)      | 863                       | 200  | "     | 1000                                             | 9.37 | 85.4 | 70-130 | 1.93  | 35 |  |
| Surrogate: o-Terphenyl                 | 47.2                      |      | "     | 50.0                                             |      | 94.4 | 50-150 |       |    |  |

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 Denver CO 80211

Dan Coloccia  
 Project Number: [none]  
 Project: CPR - Billings 1 Battery

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B9F0306 - NO PREP**

**Duplicate (B9F0306-DUP1)**

**Source: Y906001-01**

Prepared: 06/03/2019 Analyzed: 06/03/2019

|    |      |  |          |  |      |  |  |      |    |  |
|----|------|--|----------|--|------|--|--|------|----|--|
| pH | 8.68 |  | pH Units |  | 8.87 |  |  | 2.17 | 25 |  |
|----|------|--|----------|--|------|--|--|------|----|--|

**Batch B9F0307 - NO PREP**

**Blank (B9F0307-BLK1)**

Prepared: 06/03/2019 Analyzed: 06/03/2019

|                           |         |         |          |  |  |  |  |  |  |  |
|---------------------------|---------|---------|----------|--|--|--|--|--|--|--|
| Specific Conductance (EC) | 0.00320 | 0.00500 | mmhos/cm |  |  |  |  |  |  |  |
|---------------------------|---------|---------|----------|--|--|--|--|--|--|--|

**Duplicate (B9F0307-DUP1)**

**Source: Y906001-01**

Prepared: 06/03/2019 Analyzed: 06/03/2019

|                           |       |         |          |  |       |  |  |      |    |  |
|---------------------------|-------|---------|----------|--|-------|--|--|------|----|--|
| Specific Conductance (EC) | 0.175 | 0.00505 | mmhos/cm |  | 0.180 |  |  | 2.99 | 25 |  |
|---------------------------|-------|---------|----------|--|-------|--|--|------|----|--|

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Eagle Environmental Consulting, Inc.  
4101 Inca Street  
Denver CO 80211

Dan Coloccia  
Project Number: [none]  
Project: CPR - Billings 1 Battery

---

### Notes and Definitions

U Sample is Non-Detect.

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

---

Jen Pellegrini For Noelle Doyle Mathis, President

August 27, 2019

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Crestone Peak Resources

Sample Delivery Group: L1130280  
Samples Received: 08/17/2019  
Project Number: 40.099394, -104.9839  
Description: Billings

Report To: Lonnie Dent  
10188 E. I-25 Frontage Road  
Fireston, CO, CO 80504

Entire Report Reviewed By:

*Chris Ward*

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.



|                                                     |           |
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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

## BH-1 11-12 L1130280-01 Solid

Collected by  
David Moore  
Collected date/time  
08/12/19 12:30  
Received date/time  
08/17/19 08:30

| Method                                              | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|-----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1333453 | 100      | 08/21/19 16:16        | 08/23/19 20:54     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1333805 | 1        | 08/21/19 16:16        | 08/23/19 19:19     | JHH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1333650 | 1        | 08/23/19 11:24        | 08/23/19 19:08     | FM      | Mt. Juliet, TN |

1  
Cp

2  
Tc

3  
Ss

4  
Cn

5  
Sr

6  
Qc

7  
Gl

8  
Al

9  
Sc

## BH-2 8-9 L1130280-02 Solid

Collected by  
David Moore  
Collected date/time  
08/12/19 13:34  
Received date/time  
08/17/19 08:30

| Method                                              | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|-----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1334282 | 100      | 08/21/19 16:16        | 08/24/19 22:19     | ACG     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1333805 | 1        | 08/21/19 16:16        | 08/23/19 19:37     | JHH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1333650 | 1        | 08/23/19 11:24        | 08/23/19 19:21     | FM      | Mt. Juliet, TN |

## BH-3 9-10 L1130280-03 Solid

Collected by  
David Moore  
Collected date/time  
08/12/19 14:20  
Received date/time  
08/17/19 08:30

| Method                                              | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|-----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1334092 | 500      | 08/21/19 16:16        | 08/23/19 21:53     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1333805 | 4        | 08/21/19 16:16        | 08/23/19 20:33     | JHH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1333650 | 1        | 08/23/19 11:24        | 08/23/19 19:34     | FM      | Mt. Juliet, TN |

## BH-4 8-9 L1130280-04 Solid

Collected by  
David Moore  
Collected date/time  
08/12/19 15:42  
Received date/time  
08/17/19 08:30

| Method                                              | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|-----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1334092 | 200      | 08/21/19 16:16        | 08/23/19 22:13     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1333805 | 1        | 08/21/19 16:16        | 08/23/19 19:56     | JHH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1333650 | 1        | 08/23/19 11:24        | 08/23/19 19:47     | FM      | Mt. Juliet, TN |

## BH-5 13-14 L1130280-05 Solid

Collected by  
David Moore  
Collected date/time  
08/12/19 10:05  
Received date/time  
08/17/19 08:30

| Method                                              | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|-----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1334092 | 100      | 08/21/19 16:16        | 08/23/19 22:34     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1333805 | 1        | 08/21/19 16:16        | 08/23/19 20:15     | JHH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1333650 | 1        | 08/23/19 11:24        | 08/23/19 20:00     | FM      | Mt. Juliet, TN |

## BH-6 20-21 L1130280-06 Solid

Collected by  
David Moore  
Collected date/time  
08/12/19 11:15  
Received date/time  
08/17/19 08:30

| Method                                              | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|-----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1334092 | 1        | 08/21/19 16:16        | 08/23/19 22:54     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1334595 | 1        | 08/21/19 16:16        | 08/25/19 11:53     | JHH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1333650 | 1        | 08/23/19 11:24        | 08/23/19 20:13     | FM      | Mt. Juliet, TN |

# SAMPLE SUMMARY

## BH-7 10-11 L1130280-07 Solid

Collected by  
David Moore  
Collected date/time  
08/12/19 12:17  
Received date/time  
08/17/19 08:30

| Method                                              | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|-----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1334092 | 100      | 08/21/19 16:16        | 08/23/19 23:15     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1335016 | 1        | 08/21/19 16:16        | 08/26/19 16:15     | BMB     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1333650 | 1        | 08/23/19 11:24        | 08/23/19 20:26     | FM      | Mt. Juliet, TN |

1  
Cp

2  
Tc

3  
Ss

4  
Cn

5  
Sr

6  
Qc

7  
Gl

8  
Al

9  
Sc

## BH-8 9-10 L1130280-08 Solid

Collected by  
David Moore  
Collected date/time  
08/12/19 09:22  
Received date/time  
08/17/19 08:30

| Method                                              | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|-----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1334092 | 200      | 08/21/19 16:16        | 08/23/19 23:35     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1335016 | 1        | 08/21/19 16:16        | 08/26/19 16:35     | BMB     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1333650 | 1        | 08/23/19 11:24        | 08/23/19 20:39     | FM      | Mt. Juliet, TN |

## BH-9 23-24 L1130280-09 Solid

Collected by  
David Moore  
Collected date/time  
08/12/19 10:33  
Received date/time  
08/17/19 08:30

| Method                                              | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|-----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1334092 | 1        | 08/21/19 16:16        | 08/23/19 23:56     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1334595 | 1        | 08/21/19 16:16        | 08/25/19 12:12     | JHH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1333650 | 1        | 08/23/19 11:24        | 08/23/19 20:52     | FM      | Mt. Juliet, TN |

## BH-10 10-11 L1130280-10 Solid

Collected by  
David Moore  
Collected date/time  
08/12/19 12:09  
Received date/time  
08/17/19 08:30

| Method                                              | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|-----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1334092 | 100      | 08/21/19 16:16        | 08/24/19 00:42     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1334595 | 8        | 08/21/19 16:16        | 08/25/19 13:47     | JHH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1333650 | 5        | 08/23/19 11:24        | 08/24/19 10:18     | FM      | Mt. Juliet, TN |

## BH-10 19-20 L1130280-11 Solid

Collected by  
David Moore  
Collected date/time  
08/12/19 12:12  
Received date/time  
08/17/19 08:30

| Method                                              | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|-----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1334092 | 25       | 08/21/19 16:16        | 08/24/19 01:03     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1334595 | 1        | 08/21/19 16:16        | 08/25/19 12:31     | JHH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1333650 | 1        | 08/23/19 11:24        | 08/23/19 21:19     | FM      | Mt. Juliet, TN |

## BH-1 10-11 L1130280-12 Solid

Collected by  
David Moore  
Collected date/time  
08/12/19 13:26  
Received date/time  
08/17/19 08:30

| Method                                              | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|-----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1334092 | 100      | 08/21/19 16:16        | 08/24/19 01:23     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1335016 | 1        | 08/21/19 16:16        | 08/26/19 16:56     | BMB     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1334011 | 5        | 08/23/19 22:24        | 08/24/19 16:45     | FM      | Mt. Juliet, TN |

# SAMPLE SUMMARY



## BH-11 17-18 L1130280-13 Solid

Collected by: David Moore  
 Collected date/time: 08/12/19 13:28  
 Received date/time: 08/17/19 08:30

| Method                                              | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|-----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1334092 | 25       | 08/21/19 16:16        | 08/24/19 01:44     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1334595 | 1        | 08/21/19 16:16        | 08/25/19 12:50     | JHH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1334011 | 1        | 08/23/19 22:24        | 08/24/19 13:09     | FM      | Mt. Juliet, TN |

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

## BH-12 9-10 L1130280-14 Solid

Collected by: David Moore  
 Collected date/time: 08/12/19 14:29  
 Received date/time: 08/17/19 08:30

| Method                                              | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|-----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Volatile Organic Compounds (GC) by Method 8015D/GRO | WG1334092 | 200      | 08/21/19 16:16        | 08/24/19 02:04     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260B  | WG1335016 | 1        | 08/21/19 16:16        | 08/26/19 17:16     | BMB     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1334011 | 1        | 08/23/19 22:24        | 08/24/19 13:22     | FM      | Mt. Juliet, TN |



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



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

| Analyte                                 | Result<br>mg/kg | Qualifier | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-----------------------------------------|-----------------|-----------|--------------|----------|-------------------------|---------------------------|
| TPH (GC/FID) Low Fraction               | 186             |           | 10.0         | 100      | 08/23/2019 20:54        | <a href="#">WG1333453</a> |
| (S) <i>a,a,a</i> -Trifluorotoluene(FID) | 100             |           | 77.0-120     |          | 08/23/2019 20:54        | <a href="#">WG1333453</a> |

1 Cp

2 Tc

3 Ss

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

| Analyte                   | Result<br>mg/kg | Qualifier | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | 0.00845         |           | 0.00100      | 1        | 08/23/2019 19:19        | <a href="#">WG1333805</a> |
| Toluene                   | ND              |           | 0.00500      | 1        | 08/23/2019 19:19        | <a href="#">WG1333805</a> |
| Ethylbenzene              | 0.0430          |           | 0.00250      | 1        | 08/23/2019 19:19        | <a href="#">WG1333805</a> |
| Total Xylenes             | 0.0553          |           | 0.00650      | 1        | 08/23/2019 19:19        | <a href="#">WG1333805</a> |
| (S) Toluene-d8            | 106             |           | 75.0-131     |          | 08/23/2019 19:19        | <a href="#">WG1333805</a> |
| (S) 4-Bromofluorobenzene  | 123             |           | 67.0-138     |          | 08/23/2019 19:19        | <a href="#">WG1333805</a> |
| (S) 1,2-Dichloroethane-d4 | 91.6            |           | 70.0-130     |          | 08/23/2019 19:19        | <a href="#">WG1333805</a> |

4 Cn

5 Sr

6 Qc

7 Gl

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte                    | Result<br>mg/kg | Qualifier | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|----------------------------|-----------------|-----------|--------------|----------|-------------------------|---------------------------|
| TPH (GC/FID) High Fraction | 145             |           | 4.00         | 1        | 08/23/2019 19:08        | <a href="#">WG1333650</a> |
| (S) <i>o</i> -Terphenyl    | 75.2            |           | 18.0-148     |          | 08/23/2019 19:08        | <a href="#">WG1333650</a> |

8 Al

9 Sc



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

| Analyte                         | Result<br>mg/kg | Qualifier | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------------|-----------------|-----------|--------------|----------|-------------------------|---------------------------|
| TPH (GC/FID) Low Fraction       | 135             |           | 10.0         | 100      | 08/24/2019 22:19        | <a href="#">WG1334282</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 103             |           | 77.0-120     |          | 08/24/2019 22:19        | <a href="#">WG1334282</a> |

1 Cp

2 Tc

3 Ss

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

| Analyte                   | Result<br>mg/kg | Qualifier | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | ND              |           | 0.00100      | 1        | 08/23/2019 19:37        | <a href="#">WG1333805</a> |
| Toluene                   | ND              |           | 0.00500      | 1        | 08/23/2019 19:37        | <a href="#">WG1333805</a> |
| Ethylbenzene              | 0.00490         |           | 0.00250      | 1        | 08/23/2019 19:37        | <a href="#">WG1333805</a> |
| Total Xylenes             | ND              |           | 0.00650      | 1        | 08/23/2019 19:37        | <a href="#">WG1333805</a> |
| (S) Toluene-d8            | 101             |           | 75.0-131     |          | 08/23/2019 19:37        | <a href="#">WG1333805</a> |
| (S) 4-Bromofluorobenzene  | 112             |           | 67.0-138     |          | 08/23/2019 19:37        | <a href="#">WG1333805</a> |
| (S) 1,2-Dichloroethane-d4 | 101             |           | 70.0-130     |          | 08/23/2019 19:37        | <a href="#">WG1333805</a> |

4 Cn

5 Sr

6 Qc

7 Gl

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte                    | Result<br>mg/kg | Qualifier | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|----------------------------|-----------------|-----------|--------------|----------|-------------------------|---------------------------|
| TPH (GC/FID) High Fraction | 278             |           | 4.00         | 1        | 08/23/2019 19:21        | <a href="#">WG1333650</a> |
| (S) o-Terphenyl            | 75.0            |           | 18.0-148     |          | 08/23/2019 19:21        | <a href="#">WG1333650</a> |

8 Al

9 Sc



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

| Analyte                         | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|---------------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                                 | mg/kg  |           | mg/kg    |          | date / time      |                           |
| TPH (GC/FID) Low Fraction       | 855    |           | 50.0     | 500      | 08/23/2019 21:53 | <a href="#">WG1334092</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 90.1   |           | 77.0-120 |          | 08/23/2019 21:53 | <a href="#">WG1334092</a> |

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

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

| Analyte                   | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|---------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                           | mg/kg  |           | mg/kg    |          | date / time      |                           |
| Benzene                   | ND     |           | 0.00400  | 4        | 08/23/2019 20:33 | <a href="#">WG1333805</a> |
| Toluene                   | ND     |           | 0.0200   | 4        | 08/23/2019 20:33 | <a href="#">WG1333805</a> |
| Ethylbenzene              | 0.251  |           | 0.0100   | 4        | 08/23/2019 20:33 | <a href="#">WG1333805</a> |
| Total Xylenes             | ND     |           | 0.0260   | 4        | 08/23/2019 20:33 | <a href="#">WG1333805</a> |
| (S) Toluene-d8            | 89.1   |           | 75.0-131 |          | 08/23/2019 20:33 | <a href="#">WG1333805</a> |
| (S) 4-Bromofluorobenzene  | 95.3   |           | 67.0-138 |          | 08/23/2019 20:33 | <a href="#">WG1333805</a> |
| (S) 1,2-Dichloroethane-d4 | 101    |           | 70.0-130 |          | 08/23/2019 20:33 | <a href="#">WG1333805</a> |

Sample Narrative:

L1130280-03 WG1333805: Non-target compounds too high to run at a lower dilution.

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte                    | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|----------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                            | mg/kg  |           | mg/kg    |          | date / time      |                           |
| TPH (GC/FID) High Fraction | 308    |           | 4.00     | 1        | 08/23/2019 19:34 | <a href="#">WG1333650</a> |
| (S) o-Terphenyl            | 78.8   |           | 18.0-148 |          | 08/23/2019 19:34 | <a href="#">WG1333650</a> |



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

| Analyte                                 | Result<br>mg/kg | Qualifier | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-----------------------------------------|-----------------|-----------|--------------|----------|-------------------------|---------------------------|
| TPH (GC/FID) Low Fraction               | 243             |           | 20.0         | 200      | 08/23/2019 22:13        | <a href="#">WG1334092</a> |
| (S) <i>a,a,a</i> -Trifluorotoluene(FID) | 94.1            |           | 77.0-120     |          | 08/23/2019 22:13        | <a href="#">WG1334092</a> |

1 Cp

2 Tc

3 Ss

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

| Analyte                   | Result<br>mg/kg | Qualifier | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | ND              |           | 0.00100      | 1        | 08/23/2019 19:56        | <a href="#">WG1333805</a> |
| Toluene                   | ND              |           | 0.00500      | 1        | 08/23/2019 19:56        | <a href="#">WG1333805</a> |
| Ethylbenzene              | 0.142           |           | 0.00250      | 1        | 08/23/2019 19:56        | <a href="#">WG1333805</a> |
| Total Xylenes             | ND              |           | 0.00650      | 1        | 08/23/2019 19:56        | <a href="#">WG1333805</a> |
| (S) Toluene-d8            | 96.4            |           | 75.0-131     |          | 08/23/2019 19:56        | <a href="#">WG1333805</a> |
| (S) 4-Bromofluorobenzene  | 84.1            |           | 67.0-138     |          | 08/23/2019 19:56        | <a href="#">WG1333805</a> |
| (S) 1,2-Dichloroethane-d4 | 99.9            |           | 70.0-130     |          | 08/23/2019 19:56        | <a href="#">WG1333805</a> |

4 Cn

5 Sr

6 Qc

7 Gl

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte                    | Result<br>mg/kg | Qualifier | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|----------------------------|-----------------|-----------|--------------|----------|-------------------------|---------------------------|
| TPH (GC/FID) High Fraction | 246             |           | 4.00         | 1        | 08/23/2019 19:47        | <a href="#">WG1333650</a> |
| (S) <i>o</i> -Terphenyl    | 79.8            |           | 18.0-148     |          | 08/23/2019 19:47        | <a href="#">WG1333650</a> |

8 Al

9 Sc



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

| Analyte                         | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|---------------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                                 | mg/kg  |           | mg/kg    |          | date / time      |                           |
| TPH (GC/FID) Low Fraction       | 135    |           | 10.0     | 100      | 08/23/2019 22:34 | <a href="#">WG1334092</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 92.3   |           | 77.0-120 |          | 08/23/2019 22:34 | <a href="#">WG1334092</a> |

1 Cp

2 Tc

3 Ss

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

| Analyte                   | Result  | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|---------------------------|---------|-----------|----------|----------|------------------|---------------------------|
|                           | mg/kg   |           | mg/kg    |          | date / time      |                           |
| Benzene                   | 0.00445 |           | 0.00100  | 1        | 08/23/2019 20:15 | <a href="#">WG1333805</a> |
| Toluene                   | ND      |           | 0.00500  | 1        | 08/23/2019 20:15 | <a href="#">WG1333805</a> |
| Ethylbenzene              | 0.514   |           | 0.00250  | 1        | 08/23/2019 20:15 | <a href="#">WG1333805</a> |
| Total Xylenes             | 0.0236  |           | 0.00650  | 1        | 08/23/2019 20:15 | <a href="#">WG1333805</a> |
| (S) Toluene-d8            | 104     |           | 75.0-131 |          | 08/23/2019 20:15 | <a href="#">WG1333805</a> |
| (S) 4-Bromofluorobenzene  | 97.2    |           | 67.0-138 |          | 08/23/2019 20:15 | <a href="#">WG1333805</a> |
| (S) 1,2-Dichloroethane-d4 | 100     |           | 70.0-130 |          | 08/23/2019 20:15 | <a href="#">WG1333805</a> |

4 Cn

5 Sr

6 Qc

7 Gl

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte                    | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|----------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                            | mg/kg  |           | mg/kg    |          | date / time      |                           |
| TPH (GC/FID) High Fraction | 23.0   |           | 4.00     | 1        | 08/23/2019 20:00 | <a href="#">WG1333650</a> |
| (S) o-Terphenyl            | 65.9   |           | 18.0-148 |          | 08/23/2019 20:00 | <a href="#">WG1333650</a> |

8 Al

9 Sc



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

| Analyte                                 | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|-----------------------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                                         | mg/kg  |           | mg/kg    |          | date / time      |                           |
| TPH (GC/FID) Low Fraction               | ND     |           | 0.100    | 1        | 08/23/2019 22:54 | <a href="#">WG1334092</a> |
| (S) <i>a,a,a</i> -Trifluorotoluene(FID) | 90.4   |           | 77.0-120 |          | 08/23/2019 22:54 | <a href="#">WG1334092</a> |

1 Cp

2 Tc

3 Ss

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

| Analyte                   | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|---------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                           | mg/kg  |           | mg/kg    |          | date / time      |                           |
| Benzene                   | ND     |           | 0.00100  | 1        | 08/25/2019 11:53 | <a href="#">WG1334595</a> |
| Toluene                   | ND     |           | 0.00500  | 1        | 08/25/2019 11:53 | <a href="#">WG1334595</a> |
| Ethylbenzene              | ND     |           | 0.00250  | 1        | 08/25/2019 11:53 | <a href="#">WG1334595</a> |
| Total Xylenes             | ND     |           | 0.00650  | 1        | 08/25/2019 11:53 | <a href="#">WG1334595</a> |
| (S) Toluene-d8            | 107    |           | 75.0-131 |          | 08/25/2019 11:53 | <a href="#">WG1334595</a> |
| (S) 4-Bromofluorobenzene  | 106    |           | 67.0-138 |          | 08/25/2019 11:53 | <a href="#">WG1334595</a> |
| (S) 1,2-Dichloroethane-d4 | 108    |           | 70.0-130 |          | 08/25/2019 11:53 | <a href="#">WG1334595</a> |

4 Cn

5 Sr

6 Qc

7 Gl

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte                    | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|----------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                            | mg/kg  |           | mg/kg    |          | date / time      |                           |
| TPH (GC/FID) High Fraction | ND     |           | 4.00     | 1        | 08/23/2019 20:13 | <a href="#">WG1333650</a> |
| (S) <i>o</i> -Terphenyl    | 62.4   |           | 18.0-148 |          | 08/23/2019 20:13 | <a href="#">WG1333650</a> |

8 Al

9 Sc



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

| Analyte                                 | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|-----------------------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                                         | mg/kg  |           | mg/kg    |          | date / time      |                           |
| TPH (GC/FID) Low Fraction               | 42.0   |           | 10.0     | 100      | 08/23/2019 23:15 | <a href="#">WG1334092</a> |
| (S) <i>a,a,a</i> -Trifluorotoluene(FID) | 92.1   |           | 77.0-120 |          | 08/23/2019 23:15 | <a href="#">WG1334092</a> |

1 Cp

2 Tc

3 Ss

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

| Analyte                   | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|---------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                           | mg/kg  |           | mg/kg    |          | date / time      |                           |
| Benzene                   | ND     |           | 0.00100  | 1        | 08/26/2019 16:15 | <a href="#">WG1335016</a> |
| Toluene                   | ND     |           | 0.00500  | 1        | 08/26/2019 16:15 | <a href="#">WG1335016</a> |
| Ethylbenzene              | ND     |           | 0.00250  | 1        | 08/26/2019 16:15 | <a href="#">WG1335016</a> |
| Total Xylenes             | ND     |           | 0.00650  | 1        | 08/26/2019 16:15 | <a href="#">WG1335016</a> |
| (S) Toluene-d8            | 114    |           | 75.0-131 |          | 08/26/2019 16:15 | <a href="#">WG1335016</a> |
| (S) 4-Bromofluorobenzene  | 112    |           | 67.0-138 |          | 08/26/2019 16:15 | <a href="#">WG1335016</a> |
| (S) 1,2-Dichloroethane-d4 | 98.1   |           | 70.0-130 |          | 08/26/2019 16:15 | <a href="#">WG1335016</a> |

4 Cn

5 Sr

6 Qc

7 Gl

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte                    | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|----------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                            | mg/kg  |           | mg/kg    |          | date / time      |                           |
| TPH (GC/FID) High Fraction | 124    |           | 4.00     | 1        | 08/23/2019 20:26 | <a href="#">WG1333650</a> |
| (S) <i>o</i> -Terphenyl    | 69.8   |           | 18.0-148 |          | 08/23/2019 20:26 | <a href="#">WG1333650</a> |

8 Al

9 Sc



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

| Analyte                                 | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|-----------------------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                                         | mg/kg  |           | mg/kg    |          | date / time      |                           |
| TPH (GC/FID) Low Fraction               | 53.5   |           | 20.0     | 200      | 08/23/2019 23:35 | <a href="#">WG1334092</a> |
| (S) <i>a,a,a</i> -Trifluorotoluene(FID) | 91.5   |           | 77.0-120 |          | 08/23/2019 23:35 | <a href="#">WG1334092</a> |

1 Cp

2 Tc

3 Ss

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

| Analyte                   | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|---------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                           | mg/kg  |           | mg/kg    |          | date / time      |                           |
| Benzene                   | ND     |           | 0.00100  | 1        | 08/26/2019 16:35 | <a href="#">WG1335016</a> |
| Toluene                   | ND     |           | 0.00500  | 1        | 08/26/2019 16:35 | <a href="#">WG1335016</a> |
| Ethylbenzene              | 0.267  |           | 0.00250  | 1        | 08/26/2019 16:35 | <a href="#">WG1335016</a> |
| Total Xylenes             | ND     |           | 0.00650  | 1        | 08/26/2019 16:35 | <a href="#">WG1335016</a> |
| (S) Toluene-d8            | 112    |           | 75.0-131 |          | 08/26/2019 16:35 | <a href="#">WG1335016</a> |
| (S) 4-Bromofluorobenzene  | 113    |           | 67.0-138 |          | 08/26/2019 16:35 | <a href="#">WG1335016</a> |
| (S) 1,2-Dichloroethane-d4 | 102    |           | 70.0-130 |          | 08/26/2019 16:35 | <a href="#">WG1335016</a> |

4 Cn

5 Sr

6 Qc

7 Gl

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte                    | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|----------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                            | mg/kg  |           | mg/kg    |          | date / time      |                           |
| TPH (GC/FID) High Fraction | 219    |           | 4.00     | 1        | 08/23/2019 20:39 | <a href="#">WG1333650</a> |
| (S) <i>o</i> -Terphenyl    | 69.1   |           | 18.0-148 |          | 08/23/2019 20:39 | <a href="#">WG1333650</a> |

8 Al

9 Sc



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

| Analyte                                 | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|-----------------------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                                         | mg/kg  |           | mg/kg    |          | date / time      |                           |
| TPH (GC/FID) Low Fraction               | ND     |           | 0.100    | 1        | 08/23/2019 23:56 | <a href="#">WG1334092</a> |
| (S) <i>a,a,a</i> -Trifluorotoluene(FID) | 91.8   |           | 77.0-120 |          | 08/23/2019 23:56 | <a href="#">WG1334092</a> |

1 Cp

2 Tc

3 Ss

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

| Analyte                   | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|---------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                           | mg/kg  |           | mg/kg    |          | date / time      |                           |
| Benzene                   | ND     |           | 0.00100  | 1        | 08/25/2019 12:12 | <a href="#">WG1334595</a> |
| Toluene                   | ND     | J3        | 0.00500  | 1        | 08/25/2019 12:12 | <a href="#">WG1334595</a> |
| Ethylbenzene              | ND     | J3        | 0.00250  | 1        | 08/25/2019 12:12 | <a href="#">WG1334595</a> |
| Total Xylenes             | ND     |           | 0.00650  | 1        | 08/25/2019 12:12 | <a href="#">WG1334595</a> |
| (S) Toluene-d8            | 106    |           | 75.0-131 |          | 08/25/2019 12:12 | <a href="#">WG1334595</a> |
| (S) 4-Bromofluorobenzene  | 101    |           | 67.0-138 |          | 08/25/2019 12:12 | <a href="#">WG1334595</a> |
| (S) 1,2-Dichloroethane-d4 | 96.0   |           | 70.0-130 |          | 08/25/2019 12:12 | <a href="#">WG1334595</a> |

4 Cn

5 Sr

6 Qc

7 Gl

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte                    | Result | Qualifier | RDL      | Dilution | Analysis         | Batch                     |
|----------------------------|--------|-----------|----------|----------|------------------|---------------------------|
|                            | mg/kg  |           | mg/kg    |          | date / time      |                           |
| TPH (GC/FID) High Fraction | ND     |           | 4.00     | 1        | 08/23/2019 20:52 | <a href="#">WG1333650</a> |
| (S) <i>o</i> -Terphenyl    | 57.7   |           | 18.0-148 |          | 08/23/2019 20:52 | <a href="#">WG1333650</a> |

8 Al

9 Sc



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

| Analyte                                 | Result<br>mg/kg | Qualifier | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-----------------------------------------|-----------------|-----------|--------------|----------|-------------------------|---------------------------|
| TPH (GC/FID) Low Fraction               | 242             |           | 10.0         | 100      | 08/24/2019 00:42        | <a href="#">WG1334092</a> |
| (S) <i>a,a,a</i> -Trifluorotoluene(FID) | 90.8            |           | 77.0-120     |          | 08/24/2019 00:42        | <a href="#">WG1334092</a> |

1 Cp

2 Tc

3 Ss

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

| Analyte                   | Result<br>mg/kg | Qualifier | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | ND              |           | 0.00800      | 8        | 08/25/2019 13:47        | <a href="#">WG1334595</a> |
| Toluene                   | ND              |           | 0.0400       | 8        | 08/25/2019 13:47        | <a href="#">WG1334595</a> |
| Ethylbenzene              | ND              |           | 0.0200       | 8        | 08/25/2019 13:47        | <a href="#">WG1334595</a> |
| Total Xylenes             | ND              |           | 0.0520       | 8        | 08/25/2019 13:47        | <a href="#">WG1334595</a> |
| (S) Toluene-d8            | 105             |           | 75.0-131     |          | 08/25/2019 13:47        | <a href="#">WG1334595</a> |
| (S) 4-Bromofluorobenzene  | 107             |           | 67.0-138     |          | 08/25/2019 13:47        | <a href="#">WG1334595</a> |
| (S) 1,2-Dichloroethane-d4 | 104             |           | 70.0-130     |          | 08/25/2019 13:47        | <a href="#">WG1334595</a> |

4 Cn

5 Sr

6 Qc

7 Gl

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte                    | Result<br>mg/kg | Qualifier | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|----------------------------|-----------------|-----------|--------------|----------|-------------------------|---------------------------|
| TPH (GC/FID) High Fraction | 345             |           | 20.0         | 5        | 08/24/2019 10:18        | <a href="#">WG1333650</a> |
| (S) <i>o</i> -Terphenyl    | 94.4            |           | 18.0-148     |          | 08/24/2019 10:18        | <a href="#">WG1333650</a> |

8 Al

9 Sc



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

| Analyte                                 | Result<br>mg/kg | Qualifier | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-----------------------------------------|-----------------|-----------|--------------|----------|-------------------------|---------------------------|
| TPH (GC/FID) Low Fraction               | 13.3            |           | 2.50         | 25       | 08/24/2019 01:03        | <a href="#">WG1334092</a> |
| (S) <i>a,a,a</i> -Trifluorotoluene(FID) | 95.3            |           | 77.0-120     |          | 08/24/2019 01:03        | <a href="#">WG1334092</a> |

1 Cp

2 Tc

3 Ss

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

| Analyte                   | Result<br>mg/kg | Qualifier | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | ND              |           | 0.00100      | 1        | 08/25/2019 12:31        | <a href="#">WG1334595</a> |
| Toluene                   | ND              |           | 0.00500      | 1        | 08/25/2019 12:31        | <a href="#">WG1334595</a> |
| Ethylbenzene              | ND              |           | 0.00250      | 1        | 08/25/2019 12:31        | <a href="#">WG1334595</a> |
| Total Xylenes             | ND              |           | 0.00650      | 1        | 08/25/2019 12:31        | <a href="#">WG1334595</a> |
| (S) Toluene-d8            | 113             |           | 75.0-131     |          | 08/25/2019 12:31        | <a href="#">WG1334595</a> |
| (S) 4-Bromofluorobenzene  | 105             |           | 67.0-138     |          | 08/25/2019 12:31        | <a href="#">WG1334595</a> |
| (S) 1,2-Dichloroethane-d4 | 95.7            |           | 70.0-130     |          | 08/25/2019 12:31        | <a href="#">WG1334595</a> |

4 Cn

5 Sr

6 Qc

7 Gl

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte                    | Result<br>mg/kg | Qualifier | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|----------------------------|-----------------|-----------|--------------|----------|-------------------------|---------------------------|
| TPH (GC/FID) High Fraction | 28.4            |           | 4.00         | 1        | 08/23/2019 21:19        | <a href="#">WG1333650</a> |
| (S) <i>o</i> -Terphenyl    | 69.2            |           | 18.0-148     |          | 08/23/2019 21:19        | <a href="#">WG1333650</a> |

8 Al

9 Sc



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

| Analyte                                 | Result<br>mg/kg | Qualifier | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-----------------------------------------|-----------------|-----------|--------------|----------|-------------------------|---------------------------|
| TPH (GC/FID) Low Fraction               | 32.9            |           | 10.0         | 100      | 08/24/2019 01:23        | <a href="#">WG1334092</a> |
| (S) <i>a,a,a</i> -Trifluorotoluene(FID) | 93.7            |           | 77.0-120     |          | 08/24/2019 01:23        | <a href="#">WG1334092</a> |

1 Cp

2 Tc

3 Ss

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

| Analyte                   | Result<br>mg/kg | Qualifier | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | ND              |           | 0.00100      | 1        | 08/26/2019 16:56        | <a href="#">WG1335016</a> |
| Toluene                   | ND              |           | 0.00500      | 1        | 08/26/2019 16:56        | <a href="#">WG1335016</a> |
| Ethylbenzene              | 0.0104          |           | 0.00250      | 1        | 08/26/2019 16:56        | <a href="#">WG1335016</a> |
| Total Xylenes             | 0.0276          |           | 0.00650      | 1        | 08/26/2019 16:56        | <a href="#">WG1335016</a> |
| (S) Toluene-d8            | 115             |           | 75.0-131     |          | 08/26/2019 16:56        | <a href="#">WG1335016</a> |
| (S) 4-Bromofluorobenzene  | 120             |           | 67.0-138     |          | 08/26/2019 16:56        | <a href="#">WG1335016</a> |
| (S) 1,2-Dichloroethane-d4 | 96.8            |           | 70.0-130     |          | 08/26/2019 16:56        | <a href="#">WG1335016</a> |

4 Cn

5 Sr

6 Qc

7 Gl

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte                    | Result<br>mg/kg | Qualifier | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|----------------------------|-----------------|-----------|--------------|----------|-------------------------|---------------------------|
| TPH (GC/FID) High Fraction | 357             |           | 20.0         | 5        | 08/24/2019 16:45        | <a href="#">WG1334011</a> |
| (S) <i>o</i> -Terphenyl    | 45.2            |           | 18.0-148     |          | 08/24/2019 16:45        | <a href="#">WG1334011</a> |

8 Al

9 Sc



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

| Analyte                                 | Result<br>mg/kg | Qualifier | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-----------------------------------------|-----------------|-----------|--------------|----------|-------------------------|---------------------------|
| TPH (GC/FID) Low Fraction               | 57.7            |           | 2.50         | 25       | 08/24/2019 01:44        | <a href="#">WG1334092</a> |
| (S) <i>a,a,a</i> -Trifluorotoluene(FID) | 86.3            |           | 77.0-120     |          | 08/24/2019 01:44        | <a href="#">WG1334092</a> |

1 Cp

2 Tc

3 Ss

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

| Analyte                   | Result<br>mg/kg | Qualifier | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | ND              |           | 0.00100      | 1        | 08/25/2019 12:50        | <a href="#">WG1334595</a> |
| Toluene                   | ND              |           | 0.00500      | 1        | 08/25/2019 12:50        | <a href="#">WG1334595</a> |
| Ethylbenzene              | 0.0189          |           | 0.00250      | 1        | 08/25/2019 12:50        | <a href="#">WG1334595</a> |
| Total Xylenes             | ND              |           | 0.00650      | 1        | 08/25/2019 12:50        | <a href="#">WG1334595</a> |
| (S) Toluene-d8            | 106             |           | 75.0-131     |          | 08/25/2019 12:50        | <a href="#">WG1334595</a> |
| (S) 4-Bromofluorobenzene  | 104             |           | 67.0-138     |          | 08/25/2019 12:50        | <a href="#">WG1334595</a> |
| (S) 1,2-Dichloroethane-d4 | 93.7            |           | 70.0-130     |          | 08/25/2019 12:50        | <a href="#">WG1334595</a> |

4 Cn

5 Sr

6 Qc

7 Gl

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte                    | Result<br>mg/kg | Qualifier | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|----------------------------|-----------------|-----------|--------------|----------|-------------------------|---------------------------|
| TPH (GC/FID) High Fraction | 12.1            |           | 4.00         | 1        | 08/24/2019 13:09        | <a href="#">WG1334011</a> |
| (S) <i>o</i> -Terphenyl    | 48.0            |           | 18.0-148     |          | 08/24/2019 13:09        | <a href="#">WG1334011</a> |

8 Al

9 Sc



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

| Analyte                                 | Result<br>mg/kg | Qualifier | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-----------------------------------------|-----------------|-----------|--------------|----------|-------------------------|---------------------------|
| TPH (GC/FID) Low Fraction               | 90.3            |           | 20.0         | 200      | 08/24/2019 02:04        | <a href="#">WG1334092</a> |
| (S) <i>a,a,a</i> -Trifluorotoluene(FID) | 95.8            |           | 77.0-120     |          | 08/24/2019 02:04        | <a href="#">WG1334092</a> |

1 Cp

2 Tc

3 Ss

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

| Analyte                   | Result<br>mg/kg | Qualifier | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|---------------------------|-----------------|-----------|--------------|----------|-------------------------|---------------------------|
| Benzene                   | ND              |           | 0.00100      | 1        | 08/26/2019 17:16        | <a href="#">WG1335016</a> |
| Toluene                   | ND              |           | 0.00500      | 1        | 08/26/2019 17:16        | <a href="#">WG1335016</a> |
| Ethylbenzene              | 0.00281         |           | 0.00250      | 1        | 08/26/2019 17:16        | <a href="#">WG1335016</a> |
| Total Xylenes             | ND              |           | 0.00650      | 1        | 08/26/2019 17:16        | <a href="#">WG1335016</a> |
| (S) Toluene-d8            | 116             |           | 75.0-131     |          | 08/26/2019 17:16        | <a href="#">WG1335016</a> |
| (S) 4-Bromofluorobenzene  | 126             |           | 67.0-138     |          | 08/26/2019 17:16        | <a href="#">WG1335016</a> |
| (S) 1,2-Dichloroethane-d4 | 99.3            |           | 70.0-130     |          | 08/26/2019 17:16        | <a href="#">WG1335016</a> |

4 Cn

5 Sr

6 Qc

7 Gl

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte                    | Result<br>mg/kg | Qualifier | RDL<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|----------------------------|-----------------|-----------|--------------|----------|-------------------------|---------------------------|
| TPH (GC/FID) High Fraction | 155             |           | 4.00         | 1        | 08/24/2019 13:22        | <a href="#">WG1334011</a> |
| (S) <i>o</i> -Terphenyl    | 52.6            |           | 18.0-148     |          | 08/24/2019 13:22        | <a href="#">WG1334011</a> |

8 Al

9 Sc



Method Blank (MB)

(MB) R3443833-3 08/23/19 10:44

| 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) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3443833-1 08/23/19 09:32 • (LCSD) R3443833-2 08/23/19 09:56

| Analyte                                       | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCSD Result<br>mg/kg | LCS Rec.<br>% | LCSD Rec.<br>% | Rec. Limits<br>% | LCS Qualifier | LCSD Qualifier | RPD<br>% | RPD Limits<br>% |
|-----------------------------------------------|-----------------------|---------------------|----------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| TPH (GC/FID) Low Fraction                     | 5.50                  | 5.71                | 5.63                 | 104           | 102            | 72.0-127         |               |                | 1.51     | 20              |
| <sup>(S)</sup><br>a,a,a-Trifluorotoluene(FID) |                       |                     |                      | 108           | 108            | 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) R3443839-3 08/23/19 17:35

| Analyte                            | MB Result | MB Qualifier | MB MDL | MB RDL   |
|------------------------------------|-----------|--------------|--------|----------|
| TPH (GC/FID) Low Fraction          | 0.0237    | ↓            | 0.0217 | 0.100    |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 95.9      |              |        | 77.0-120 |

1 Cp

2 Tc

3 Ss

4 Cn

Laboratory Control Sample (LCS)

(LCS) R3443839-2 08/23/19 16:54

| Analyte                            | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|------------------------------------|--------------|------------|----------|-------------|---------------|
| TPH (GC/FID) Low Fraction          | 5.50         | 5.83       | 106      | 72.0-127    |               |
| (S)<br>a,a,a-Trifluorotoluene(FID) |              |            | 106      | 77.0-120    |               |

5 Sr

6 Qc

7 Gl

L1130280-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1130280-11 08/24/19 01:03 • (MS) R3443839-4 08/24/19 02:25 • (MSD) R3443839-5 08/24/19 02:45

| Analyte                            | Spike Amount | Original Result | MS Result | MSD Result | MS Rec. | MSD Rec. | Dilution | Rec. Limits | MS Qualifier | MSD Qualifier | RPD   | RPD Limits |
|------------------------------------|--------------|-----------------|-----------|------------|---------|----------|----------|-------------|--------------|---------------|-------|------------|
| TPH (GC/FID) Low Fraction          | 5.50         | 13.3            | 138       | 138        | 90.8    | 91.0     | 25       | 10.0-151    |              |               | 0.181 | 28         |
| (S)<br>a,a,a-Trifluorotoluene(FID) |              |                 |           |            | 105     | 107      |          | 77.0-120    |              |               |       |            |

8 Al

9 Sc



Method Blank (MB)

(MB) R3444110-1 08/24/19 13:56

| 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        |

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

Laboratory Control Sample (LCS)

(LCS) R3444110-2 08/24/19 14:44

| Analyte                                       | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|-----------------------------------------------|-----------------------|---------------------|---------------|------------------|---------------|
| TPH (GC/FID) Low Fraction                     | 5.50                  | 6.14                | 112           | 72.0-127         |               |
| <sup>(S)</sup><br>a,a,a-Trifluorotoluene(FID) |                       |                     | 111           | 77.0-120         |               |

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc



Method Blank (MB)

(MB) R3444007-2 08/23/19 17:08

| Analyte                          | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|----------------------------------|--------------------|--------------|-----------------|-----------------|
| Benzene                          | U                  |              | 0.000400        | 0.00100         |
| Ethylbenzene                     | U                  |              | 0.000530        | 0.00250         |
| Toluene                          | U                  |              | 0.00125         | 0.00500         |
| Xylenes, Total                   | U                  |              | 0.00478         | 0.00650         |
| <i>(S) Toluene-d8</i>            | 104                |              |                 | 75.0-131        |
| <i>(S) 4-Bromofluorobenzene</i>  | 91.7               |              |                 | 67.0-138        |
| <i>(S) 1,2-Dichloroethane-d4</i> | 97.5               |              |                 | 70.0-130        |

Laboratory Control Sample (LCS)

(LCS) R3444007-1 08/23/19 16:13

| Analyte                          | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|----------------------------------|-----------------------|---------------------|---------------|------------------|---------------|
| Benzene                          | 0.125                 | 0.0941              | 75.3          | 70.0-123         |               |
| Ethylbenzene                     | 0.125                 | 0.101               | 81.0          | 74.0-126         |               |
| Toluene                          | 0.125                 | 0.105               | 83.7          | 75.0-121         |               |
| Xylenes, Total                   | 0.375                 | 0.294               | 78.4          | 72.0-127         |               |
| <i>(S) Toluene-d8</i>            |                       |                     | 101           | 75.0-131         |               |
| <i>(S) 4-Bromofluorobenzene</i>  |                       |                     | 99.5          | 67.0-138         |               |
| <i>(S) 1,2-Dichloroethane-d4</i> |                       |                     | 107           | 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) R3444271-2 08/25/19 10:31

| Analyte                          | MB Result | MB Qualifier | MB MDL   | MB RDL   |
|----------------------------------|-----------|--------------|----------|----------|
|                                  | mg/kg     |              | mg/kg    | mg/kg    |
| Benzene                          | U         |              | 0.000400 | 0.00100  |
| Ethylbenzene                     | U         |              | 0.000530 | 0.00250  |
| Toluene                          | U         |              | 0.00125  | 0.00500  |
| Xylenes, Total                   | U         |              | 0.00478  | 0.00650  |
| <i>(S) Toluene-d8</i>            | 108       |              |          | 75.0-131 |
| <i>(S) 4-Bromofluorobenzene</i>  | 101       |              |          | 67.0-138 |
| <i>(S) 1,2-Dichloroethane-d4</i> | 92.6      |              |          | 70.0-130 |

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

Laboratory Control Sample (LCS)

(LCS) R3444271-1 08/25/19 09:34

| Analyte                          | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|----------------------------------|--------------|------------|----------|-------------|---------------|
|                                  | mg/kg        | mg/kg      | %        | %           |               |
| Benzene                          | 0.125        | 0.114      | 91.3     | 70.0-123    |               |
| Ethylbenzene                     | 0.125        | 0.107      | 85.8     | 74.0-126    |               |
| Toluene                          | 0.125        | 0.114      | 90.9     | 75.0-121    |               |
| Xylenes, Total                   | 0.375        | 0.352      | 93.9     | 72.0-127    |               |
| <i>(S) Toluene-d8</i>            |              |            | 101      | 75.0-131    |               |
| <i>(S) 4-Bromofluorobenzene</i>  |              |            | 108      | 67.0-138    |               |
| <i>(S) 1,2-Dichloroethane-d4</i> |              |            | 108      | 70.0-130    |               |

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

L1130280-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1130280-09 08/25/19 12:12 • (MS) R3444271-3 08/25/19 18:32 • (MSD) R3444271-4 08/25/19 18:51

| 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      | %       | %        |          | %           |              |               | %    | %          |
| Benzene                          | 0.125        | ND              | 0.0588    | 0.0405     | 47.0    | 32.4     | 1        | 10.0-149    |              |               | 36.8 | 37         |
| Ethylbenzene                     | 0.125        | ND              | 0.0651    | 0.0433     | 52.1    | 34.6     | 1        | 10.0-160    | J3           |               | 40.4 | 38         |
| Toluene                          | 0.125        | ND              | 0.0651    | 0.0428     | 52.1    | 34.3     | 1        | 10.0-156    | J3           |               | 41.2 | 38         |
| Xylenes, Total                   | 0.375        | ND              | 0.204     | 0.145      | 54.4    | 38.7     | 1        | 10.0-160    |              |               | 33.7 | 38         |
| <i>(S) Toluene-d8</i>            |              |                 |           |            | 106     | 103      |          | 75.0-131    |              |               |      |            |
| <i>(S) 4-Bromofluorobenzene</i>  |              |                 |           |            | 105     | 105      |          | 67.0-138    |              |               |      |            |
| <i>(S) 1,2-Dichloroethane-d4</i> |              |                 |           |            | 94.6    | 105      |          | 70.0-130    |              |               |      |            |



Method Blank (MB)

(MB) R3444421-2 08/26/19 09:41

| Analyte                          | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|----------------------------------|--------------------|--------------|-----------------|-----------------|
| Benzene                          | U                  |              | 0.000400        | 0.00100         |
| Ethylbenzene                     | U                  |              | 0.000530        | 0.00250         |
| Toluene                          | U                  |              | 0.00125         | 0.00500         |
| Xylenes, Total                   | U                  |              | 0.00478         | 0.00650         |
| <i>(S) Toluene-d8</i>            | 112                |              |                 | 75.0-131        |
| <i>(S) 4-Bromofluorobenzene</i>  | 96.5               |              |                 | 67.0-138        |
| <i>(S) 1,2-Dichloroethane-d4</i> | 98.3               |              |                 | 70.0-130        |

Laboratory Control Sample (LCS)

(LCS) R3444421-1 08/26/19 08:12

| Analyte                          | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|----------------------------------|-----------------------|---------------------|---------------|------------------|---------------|
| Benzene                          | 0.125                 | 0.0955              | 76.4          | 70.0-123         |               |
| Ethylbenzene                     | 0.125                 | 0.111               | 89.1          | 74.0-126         |               |
| Toluene                          | 0.125                 | 0.118               | 94.6          | 75.0-121         |               |
| Xylenes, Total                   | 0.375                 | 0.317               | 84.5          | 72.0-127         |               |
| <i>(S) Toluene-d8</i>            |                       |                     | 110           | 75.0-131         |               |
| <i>(S) 4-Bromofluorobenzene</i>  |                       |                     | 100           | 67.0-138         |               |
| <i>(S) 1,2-Dichloroethane-d4</i> |                       |                     | 104           | 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) R3443835-1 08/23/19 18:02

| Analyte                    | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|----------------------------|--------------------|--------------|-----------------|-----------------|
| TPH (GC/FID) High Fraction | U                  |              | 0.769           | 4.00            |
| <i>(S) o-Terphenyl</i>     | 84.4               |              |                 | 18.0-148        |

Laboratory Control Sample (LCS)

(LCS) R3443835-2 08/23/19 18:15

| Analyte                    | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|----------------------------|-----------------------|---------------------|---------------|------------------|---------------|
| TPH (GC/FID) High Fraction | 50.0                  | 43.6                | 87.2          | 50.0-150         |               |
| <i>(S) o-Terphenyl</i>     |                       |                     | 109           | 18.0-148         |               |

L1130201-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1130201-01 08/23/19 18:28 • (MS) R3443835-3 08/23/19 18:41 • (MSD) R3443835-4 08/23/19 18:54

| Analyte                    | Spike Amount (dry)<br>mg/kg | Original Result (dry)<br>mg/kg | MS Result (dry)<br>mg/kg | MSD Result (dry)<br>mg/kg | MS Rec.<br>% | MSD Rec.<br>% | Dilution | Rec. Limits<br>% | MS Qualifier | MSD Qualifier | RPD<br>% | RPD Limits<br>% |
|----------------------------|-----------------------------|--------------------------------|--------------------------|---------------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| TPH (GC/FID) High Fraction | 121                         | U                              | 86.8                     | 91.2                      | 71.7         | 74.8          | 1        | 50.0-150         |              |               | 4.96     | 20              |
| <i>(S) o-Terphenyl</i>     |                             |                                |                          |                           | 105          | 109           |          | 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) R3443864-1 08/24/19 12:31

| Analyte                    | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|----------------------------|--------------------|--------------|-----------------|-----------------|
| TPH (GC/FID) High Fraction | U                  |              | 0.769           | 4.00            |
| <i>(S) o-Terphenyl</i>     | 71.5               |              |                 | 18.0-148        |

1 Cp

2 Tc

3 Ss

Laboratory Control Sample (LCS)

(LCS) R3443864-2 08/24/19 12:44

| Analyte                    | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|----------------------------|-----------------------|---------------------|---------------|------------------|---------------|
| TPH (GC/FID) High Fraction | 50.0                  | 36.4                | 72.8          | 50.0-150         |               |
| <i>(S) o-Terphenyl</i>     |                       |                     | 92.6          | 18.0-148         |               |

4 Cn

5 Sr

6 Qc

L1132089-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1132089-01 08/24/19 15:29 • (MS) R3443864-3 08/24/19 15:41 • (MSD) R3443864-4 08/24/19 15:54

| Analyte                    | Spike Amount (dry)<br>mg/kg | Original Result (dry)<br>mg/kg | MS Result (dry)<br>mg/kg | MSD Result (dry)<br>mg/kg | MS Rec.<br>% | MSD Rec.<br>% | Dilution | Rec. Limits<br>% | MS Qualifier | MSD Qualifier | RPD<br>% | RPD Limits<br>% |
|----------------------------|-----------------------------|--------------------------------|--------------------------|---------------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| TPH (GC/FID) High Fraction | 66.3                        | U                              | 398                      | 313                       | 600          | 472           | 1        | 50.0-150         | J5           | J3 J5         | 23.9     | 20              |
| <i>(S) o-Terphenyl</i>     |                             |                                |                          |                           | 69.7         | 70.4          |          | 18.0-148         |              |               |          |                 |

7 Gl

8 Al

9 Sc



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

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

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

| 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.               |
| J5        | The sample matrix interfered with the ability to make any accurate determination; spike value is high. |



Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

\* 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 National.

## State Accreditations

|                         |             |                             |                  |
|-------------------------|-------------|-----------------------------|------------------|
| Alabama                 | 40660       | Nebraska                    | NE-OS-15-05      |
| Alaska                  | 17-026      | Nevada                      | TN-03-2002-34    |
| Arizona                 | AZ0612      | New Hampshire               | 2975             |
| Arkansas                | 88-0469     | New Jersey-NELAP            | TN002            |
| California              | 2932        | New Mexico <sup>1</sup>     | n/a              |
| 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> | 90010       | South Carolina              | 84004            |
| Kentucky <sup>2</sup>   | 16          | South Dakota                | n/a              |
| Louisiana               | AI30792     | Tennessee <sup>1,4</sup>    | 2006             |
| Louisiana <sup>1</sup>  | LA180010    | Texas                       | T104704245-18-15 |
| Maine                   | TN0002      | Texas <sup>5</sup>          | LAB0152          |
| Maryland                | 324         | Utah                        | TN00003          |
| Massachusetts           | M-TN003     | Vermont                     | VT2006           |
| Michigan                | 9958        | Virginia                    | 460132           |
| Minnesota               | 047-999-395 | Washington                  | C847             |
| Mississippi             | TN00003     | West Virginia               | 233              |
| Missouri                | 340         | Wisconsin                   | 9980939910       |
| Montana                 | CERT0086    | Wyoming                     | A2LA             |

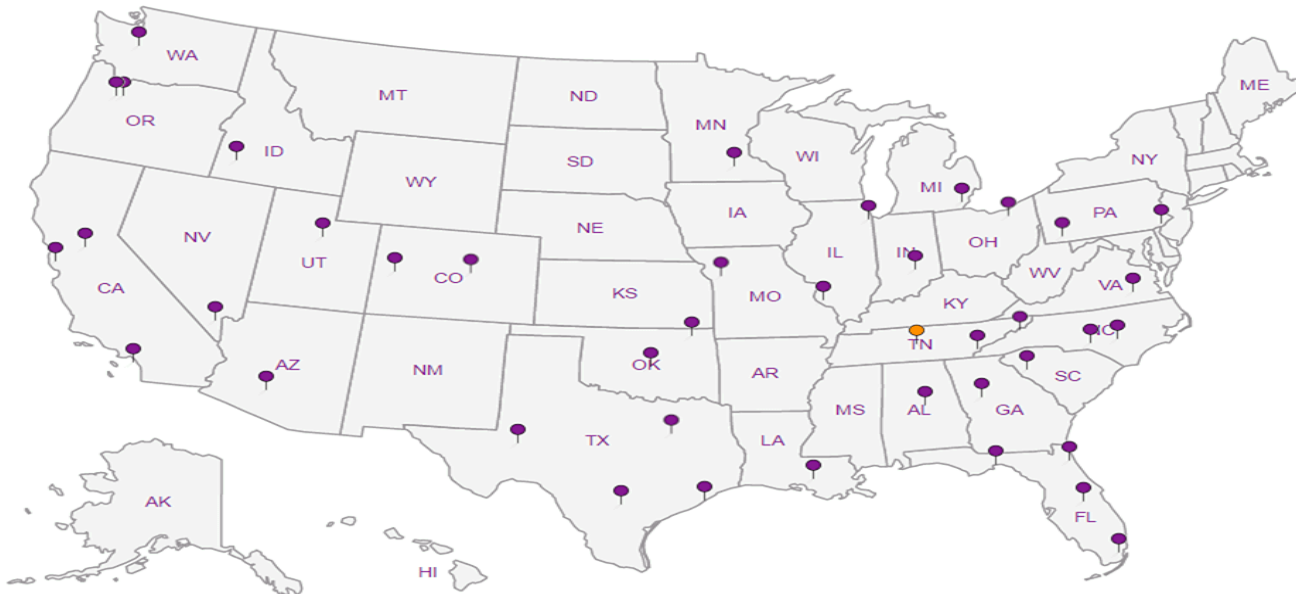
## Third Party Federal Accreditations

|                               |         |                    |               |
|-------------------------------|---------|--------------------|---------------|
| 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

## Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

**Crestone Peak Resources**

**10188 E. I-25 Frontage Road  
Firestone, CO 80504**

Billing Information:

Pres  
Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 2



12065 Lebanon Rd  
Mount Juliet, TN 37122  
Phone: 615-758-5858  
Phone: 800-767-5859  
Fax: 615-758-5859



Report to:

**Lonnie Dent**

Email To:

**ldent@remingtontech.net**

Project

**Billings**

City/State

Collected: **Longmont, CO**

Description:

Lab Project #

Phone: **970-278-1646**

Client Project #

**40.099394, -104.983999**

Fax: **970-278-1645**

Collected by (print):

**David Moore**

Site/Facility ID #

P.O. #

Collected by (signature):

**Rush?** (Lab MUST Be Notified)

\_\_\_ Same Day \_\_\_ Five Day  
\_\_\_ Next Day \_\_\_ 5 Day (Rad Only)  
\_\_\_ Two Day \_\_\_ 10 Day (Rad Only)  
\_\_\_ Three Day

Quote #

Date Results Needed

**Standard**

No.  
of  
Cnts

Immediately

Packed on Ice N \_\_\_ Y X

Sample ID

Comp/Grab

Matrix \*

Depth

Date

Time

BTEX

TPH-GRO

TPH-DRO

L# **L1130280**

**B113**

Acctnum: **CREPEAFCO**

Template:

Prelogin:

TSR:

PB:

Shipped Via:

Remarks

Sample # (lab only)

| Sample ID | Comp/Grab | Matrix * | Depth | Date   | Time    | No. of Cnts | BTEX | TPH-GRO | TPH-DRO | Remarks | Sample # (lab only) |
|-----------|-----------|----------|-------|--------|---------|-------------|------|---------|---------|---------|---------------------|
| BH-1      | 11-12'    | Grab     | SS    | 11-12' | 8-12-19 | 12:30       | 1    | X       | X       | X       | -01                 |
| BH-2      | 8-9'      | Grab     | SS    | 8-9'   | 8-12-19 | 13:34       | 1    | X       | X       | X       | -02                 |
| BH-3      | 9-10'     | Grab     | SS    | 9-10'  | 8-12-19 | 14:20       | 1    | X       | X       | X       | -03                 |
| BH-4      | 8-9'      | Grab     | SS    | 8-9'   | 8-12-19 | 15:42       | 1    | X       | X       | X       | -04                 |
| BH-5      | 13-14'    | Grab     | SS    | 13-14' | 8-13-19 | 10:05       | 1    | X       | X       | X       | -05                 |
| BH-6      | 20-21'    | Grab     | SS    | 20-21' | 8-13-19 | 11:15       | 1    | X       | X       | X       | -06                 |
| BH-7      | 10-11'    | Grab     | SS    | 10-11' | 8-13-19 | 12:17       | 1    | X       | X       | X       | -07                 |
| BH-8      | 9-10'     | Grab     | SS    | 9-10'  | 8-14-19 | 9:22        | 1    | X       | X       | X       | -08                 |
| BH-9      | 23-24'    | Grab     | SS    | 23-24' | 8-14-19 | 10:33       | 1    | X       | X       | X       | -09                 |
| BH-10     | 10-11'    | Grab     | SS    | 10-11' | 8-14-19 | 12:09       | 1    | X       | X       | X       | -10                 |

\* Matrix:  
SS - Soil AIR - Air F - Filter  
GW - Groundwater B - Bioassay  
WW - WasteWater  
DW - Drinking Water  
OT - Other

Remarks:

Samples returned via:

\_\_\_ UPS \_\_\_ FedEx \_\_\_ Courier

Tracking #

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Sample Receipt Checklist

COC Seal Present/Intact:  NP  Y  N  
COC Signed/Accurate:  Y  N  
Bottles arrive intact:  Y  N  
Correct bottles used:  Y  N  
Sufficient volume sent:  Y  N  
If Applicable  
VOA Zero Headpace:  Y  N  
Preservation Correct/Checked:  Y  N

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Trip Blank Received: Yes/No

HCL/MeOH

TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: **ATDF** °C

Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date:

Time:

Hold:

Condition:

NCF /  OK

*Lonnie Dent*

8-14-19 16:00

*0*

5.0 + 1.5.1 14

*Harley Dent 8/17/19 8:30*

**Crestone Peak Resources**

10188 E. I-25 Frontage Road  
Firestone, CO 80504

Billing Information:

Pres  
Chk

Analysis / Container / Preservative

Chain of Custody Page 2 of 2



Report to:

**Lonnie Dent**

Email To:

**ldent@remingtontech.net**

Project

Description: **Billings**

City/State

Collected: **Longmont, CO**

Phone: **970-278-1646**

Client Project #

**40.099394, -104.983999**

Lab Project #

Fax: **970-278-1645**

Collected by (print):

**David Moore**

Site/Facility ID #

P.O. #

Collected by (signature):

**Rush?** (Lab MUST Be Notified)

Same Day     Five Day  
 Next Day     5 Day (Rad Only)  
 Two Day     10 Day (Rad Only)  
 Three Day

Quote #

Date Results Needed

**Standard**

No.  
of  
Cnts

**BTEX**

**TPH-GRO**

**TPH-DRO**

12065 Lebanon Rd  
Mount Juliet, TN 37122  
Phone: 615-758-5858  
Phone: 800-767-5859  
Fax: 615-758-5859



L# **L1130280**

Table #

Acctnum: **CREPEAFCO**

Template:

Prelogin:

TSR:

PB:

Shipped Via:

Remarks

Sample # (lab only)

| Sample ID | Comp/Grab | Matrix * | Depth | Date   | Time    | No. of Cntrs | BTEX | TPH-GRO | TPH-DRO | Remarks | Sample # (lab only) |     |
|-----------|-----------|----------|-------|--------|---------|--------------|------|---------|---------|---------|---------------------|-----|
| BH-10     | 19-20'    | Grab     | SS    | 19-20' | 8-14-19 | 12:12        | 1    | X       | X       | X       |                     | -11 |
| BH-11     | 10-11'    | Grab     | SS    | 10-11' | 8-14-19 | 13:24        | 1    | X       | X       | X       |                     | -12 |
| BH-11     | 17-18'    | Grab     | SS    | 17-18' | 8-14-19 | 13:28        | 1    | X       | X       | X       |                     | -13 |
| BH-12     | 9-10'     | Grab     | SS    | 9-10'  | 8-14-19 | 14:29        | 1    | X       | X       | X       |                     | -14 |

\* Matrix:  
 SS - Soil    AIR - Air    F - Filter  
 GW - Groundwater    B - Bioassay  
 WW - WasteWater  
 DW - Drinking Water  
 OT - Other

Remarks:

Samples returned via:  
 UPS    FedEx    Courier

Tracking #

pH \_\_\_\_\_ Temp \_\_\_\_\_  
 Flow \_\_\_\_\_ Other \_\_\_\_\_

| Sample Receipt Checklist      |                                        |                                                       |
|-------------------------------|----------------------------------------|-------------------------------------------------------|
| COC Seal Present/Intact:      | <input checked="" type="checkbox"/> NP | <input type="checkbox"/> Y <input type="checkbox"/> N |
| COC Signed/Accurate:          | <input checked="" type="checkbox"/> Y  | <input type="checkbox"/> N                            |
| Bottles arrive intact:        | <input checked="" type="checkbox"/> Y  | <input type="checkbox"/> N                            |
| Correct bottles used:         | <input checked="" type="checkbox"/> Y  | <input type="checkbox"/> N                            |
| Sufficient volume sent:       | <input checked="" type="checkbox"/> Y  | <input type="checkbox"/> N                            |
| If Applicable                 |                                        |                                                       |
| VOA Zero Headspace:           | <input type="checkbox"/> Y             | <input type="checkbox"/> N                            |
| Preservation Correct/Checked: | <input type="checkbox"/> Y             | <input type="checkbox"/> N                            |

|                                                    |                  |                |                                                          |                                                                                                    |                             |
|----------------------------------------------------|------------------|----------------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------|
| Relinquished by: (Signature)<br><i>David Moore</i> | Date:<br>8-14-19 | Time:<br>16:00 | Received by: (Signature)                                 | Trip Blank Received: Yes/No<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | HCL/MeOH<br>TBR             |
| Relinquished by: (Signature)                       | Date:            | Time:          | Received by: (Signature)                                 | Temp: <b>43.0F</b> °C<br><b>5.0C</b> ± <b>0.5</b>                                                  | Bottles Received: <b>14</b> |
| Relinquished by: (Signature)                       | Date:            | Time:          | Received for lab by: (Signature)<br><i>Harley Miller</i> | Date:<br>8/17/19                                                                                   | Time:<br>8:30               |

If preservation required by Login: Date/Time

Hold: \_\_\_\_\_ Condition: **NCF / OK**

# Test Report



September 3, 2019

Client: Remington Technologies, LLC

Project: Billings

Lab ID: 1466

Date Samples Received: 8/29/2019

Sample Condition: Samples arrived intact and in appropriate sample containers. Samples were received within the temperature range specified in the test method(s) and/or with thermal preservation in process.

Comments:

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you.

A handwritten signature in black ink, appearing to read "Chris Dieken".

Chris Dieken  
QA Manager

A handwritten signature in black ink, appearing to read "Todd Rhea".

Todd Rhea  
Lab Manager

**eAnalytics Laboratory**


4130 Clydesdale Parkway Loveland CO 80538

Chain of Custody

# eANALYTICS

## LABORATORY

Chain of Custody Form

| <br>4130 Clydesdale Parkway Loveland CO 80538      (970) 667-6975      www.eAnalyticsLab.com                                                                                                                            |              |                                                                                                    |                                              |                              |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                 |                |                                            |                                        |                                             |                                     |                                         |                                    |            |                         |                           |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------|--------------------------------------------|----------------------------------------|---------------------------------------------|-------------------------------------|-----------------------------------------|------------------------------------|------------|-------------------------|---------------------------|--|
| Client Information <small>(New Clients please fill out completely)</small>                                                                                                                                                                                                                                |              | Analysis Information <small>(Select analysis by checking box on corresponding sample line)</small> |                                              |                              |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                 |                |                                            |                                        |                                             |                                     |                                         |                                    |            |                         |                           |  |
| Company: <i>Remington Tech</i>                                                                                                                                                                                                                                                                            |              | Number of Containers                                                                               | Matrix: (S) Soil (W) Water (V) Vapor (A) Air | BTEX / MTBE / TVPH (EPA8260) | BTEX / TVPH (EPA8260)               | TEPH (EPA8015)                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Volatiles - Full List (EPA8260) | PAHs (EPA8270) | Dissolved RCRA-8 Metals (EPA610/7470/7471) | Total RCRA-8 Metals (EPA610/7470/7471) | TCLP RCRA-8 Metals (EPA1311/6010/7470/7471) | Vapor - Soil Vapor BTEX (EPA TO-15) | Vapor - Emissions BTEX/TVPH (EPA TO-15) | Air (Summa) - BTEX (EPA TO-15 SIM) | pH/TSS/TDS | HPC-Aerobic Plate Count | HPC-Anaerobic Plate Count |  |
| Project: <i>Billings</i>                                                                                                                                                                                                                                                                                  |              |                                                                                                    |                                              |                              |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                 |                |                                            |                                        |                                             |                                     |                                         |                                    |            |                         |                           |  |
| Send Report & Invoice To: <i>Ldent@remingtontech.net</i>                                                                                                                                                                                                                                                  |              |                                                                                                    |                                              |                              |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                 |                |                                            |                                        |                                             |                                     |                                         |                                    |            |                         |                           |  |
| Sampler: <i>Jmc</i>                                                                                                                                                                                                                                                                                       |              |                                                                                                    |                                              |                              |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                 |                |                                            |                                        |                                             |                                     |                                         |                                    |            |                         |                           |  |
| Phone/Email: <i>970-278-1646</i>                                                                                                                                                                                                                                                                          |              |                                                                                                    |                                              |                              |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                 |                |                                            |                                        |                                             |                                     |                                         |                                    |            |                         |                           |  |
| Address:                                                                                                                                                                                                                                                                                                  |              |                                                                                                    |                                              |                              |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                 |                |                                            |                                        |                                             |                                     |                                         |                                    |            |                         |                           |  |
| Lab ID                                                                                                                                                                                                                                                                                                    | Sample Name  | Sampling Date                                                                                      |                                              |                              |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                 |                |                                            |                                        |                                             |                                     |                                         |                                    |            |                         |                           |  |
| <i>1</i>                                                                                                                                                                                                                                                                                                  | <i>Tmw-2</i> | <i>8/29/19</i>                                                                                     | <i>2</i>                                     |                              | <input checked="" type="checkbox"/> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                 |                |                                            |                                        |                                             |                                     |                                         |                                    |            |                         |                           |  |
| <i>2</i>                                                                                                                                                                                                                                                                                                  | <i>Tmw-4</i> | <i>"</i>                                                                                           | <i>2</i>                                     |                              | <input checked="" type="checkbox"/> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                 |                |                                            |                                        |                                             |                                     |                                         |                                    |            |                         |                           |  |
| Comments: <i>BTEX Only</i>                                                                                                                                                                                                                                                                                |              |                                                                                                    |                                              |                              |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                 |                |                                            |                                        |                                             |                                     |                                         |                                    |            |                         |                           |  |
| <b>Turnaround Time (Business Days)</b><br><input type="checkbox"/> Standard (5-10 Days)<br><input checked="" type="checkbox"/> 3 Day (1.5X)      If possible please inform eAnalytics Lab in advance for rush analysis<br><input type="checkbox"/> 1-2 Day (2X)<br><input type="checkbox"/> Same Day (3X) |              |                                                                                                    |                                              |                              |                                     | <b>Record of Custody</b><br>Relinquished by: <i>Jmc</i> Date: <i>8/29/19</i><br>Company: <i>Remington Tech</i> Time: <i>1128</i> <small>AM/PM</small><br>Received by: _____      Date: _____<br>Company: _____      Time: _____ <small>AM/PM</small><br>Relinquished by: _____      Date: _____<br>Company: _____      Time: _____ <small>AM/PM</small><br>Received by: <i>MJP</i> Date: <i>8/29/19</i><br>Company: <i>eAnalytics Laboratory</i> Time: <i>1130</i> <small>AM/PM</small> |                                 |                |                                            |                                        |                                             |                                     |                                         |                                    |            |                         |                           |  |
| <b>For eAnalytics Use</b><br>Sample Conditions Intact? <input checked="" type="checkbox"/> Yes / No<br>Upon Arrival      *On Ice? <input checked="" type="checkbox"/> Yes / No<br><small>*Or with thermal preservation in process</small>                                                                 |              |                                                                                                    |                                              |                              |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                 |                |                                            |                                        |                                             |                                     |                                         |                                    |            |                         |                           |  |

Lab ID # *1466*

eAnalytics Laboratory  
 4130 Clydesdale Parkway Loveland CO 80538  
 (970) 667-6975

Page *1* of *1*





**eANALYTICS**  
**L A B O R A T O R Y**

Client: Remington Technologies, LLC

Lab ID: 1466

Project: Billings

| Water              |          | Benzene | Toluene | Ethyl-Benzene | Total Xylenes | QC Start Date |
|--------------------|----------|---------|---------|---------------|---------------|---------------|
| Method Blank       |          | <0.001  | <0.001  | <0.001        | <0.001        |               |
|                    |          | mg/L    | mg/L    | mg/L          | mg/L          |               |
| Lab Control Sample | 70%-130% | 94      | 93      | 93            | 95            | 09/01/19      |

**eAnalytics Laboratory**

4130 Clydesdale Parkway Loveland CO 80538